

PROOF OF THE CONTINUED FRACTION CONJECTURE FOR

$$(a, b) = (z^5 + z^4 + z^3 + 1, z^2 + z + 1)$$

GUO-NIU HAN* AND YINING HU*

ABSTRACT. The continued fraction conjecture claims that the continued fraction defined by the (a, b) -Thue-Morse sequence is algebraic over $\mathbb{F}_2(x)$ for all pairs of distinct elements (a, b) in $\mathbb{F}_2[x] \setminus \mathbb{F}_2$. In this paper we prove the conjecture for $(a, b) = (z^5 + z^4 + z^3 + 1, z^2 + z + 1)$.

1. INTRODUCTION

Let $\mathbb{F}_2$ be the finite field of cardinality 2. Given a sequence of polynomials $\mathbf{a} = (a_0(z), a_1(z), a_2(z), \dots)$ of elements from $\mathbb{F}_2[z] \setminus \mathbb{F}_2$, we define the infinite continued fraction

$$(1.1) \quad \text{CF}(\mathbf{a}(z)) = \frac{1}{a_0(z) + \frac{1}{a_1(z) + \frac{1}{a_2(z) + \frac{1}{\ddots}}}}$$

as the limit of the finite continued fractions

$$(1.2) \quad \text{CF}_n(\mathbf{a}(z)) = \frac{1}{a_0(z) + \frac{1}{a_1(z) + \frac{1}{\ddots + \frac{1}{a_n(z)}}}} \in \mathbb{F}_2((1/z)).$$

Conversely, each power series in $\mathbb{F}_2[[1/z]]$ without constant term

$$(1.3) \quad c_{-1}z^{-1} + c_{-2}z^{-2} + c_{-3}z^{-3} + \dots$$

admits a continued fraction expansion of form (1.1).

Let a and b be two distinct elements from $\mathbb{F}_2[z] \setminus \mathbb{F}_2$. We consider the continued fraction (1.1) associated with the (a, b) -Thue-Morse sequence

$$\mathbf{t} = (t_0(z), t_1(z), t_2(z), \dots) = (a, b, b, a, b, a, a, b, \dots)$$

that we shall denote

$$(1.4) \quad \text{CF}(a, b) := \text{CF}(\mathbf{t}).$$

Date: runone at : 30/04/2020 02:52:16 .

2010 Mathematics Subject Classification. 11B85, 11J70, 11B50, 11Y65, 05A15.

Key words and phrases. automatic sequence, continued fraction, Thue-Morse sequence.

* This paper was automatically generated from a computer program developed by the authors, with 6.6 hours CPU time used.

Theorem 1.1. *When $(a, b) = (z^5 + z^4 + z^3 + 1, z^2 + z + 1)$, the two power series $\text{CF}(a, b)$ and $\text{CF}(b, a)$ are algebraic over $\mathbb{F}_2(z)$, with minimal polynomials of the form*

$$p_4(z)y^4 + p_3(z)y^3 + p_2(z)y^2 + p_1(z)y + p_0(z) = 0$$

where, for $\text{CF}(a, b)$,

$$\begin{aligned} p_0(z) &= z^{21} + z^{19} + z^{17} + z^{16} + z^{13} + z^{11} + z^9 + z^7 + z^6 + z^5 + z^3 + z + 1, \\ p_1(z) &= z^{26} + z^{25} + z^{22} + z^{21} + z^{20} + z^{19} + z^{17} + z^{16} + z^{12} + z^9 + z^8 + z^7 + z^3 \\ &\quad + z, \\ p_2(z) &= z^{28} + z^{24} + z^{22} + z^{20} + z^{16} + z^{14} + z^{12} + z^8 + z^6 + z^4 + z^2 + 1, \\ p_3(z) &= z^{26} + z^{25} + z^{22} + z^{21} + z^{20} + z^{19} + z^{17} + z^{16} + z^{12} + z^9 + z^8 + z^7 + z^3 \\ &\quad + z, \\ p_4(z) &= z^{24} + z^{22} + z^{21} + z^{20} + z^{19} + z^{17} + z^{16} + z^{14} + z^{13} + z^{12} + z^{11} + z^9 \\ &\quad + z^8 + z^7 + z^5 + z^4 + z^3 + z^2 + z + 1, \end{aligned}$$

and for $\text{CF}(b, a)$,

$$\begin{aligned} p_0(z) &= z^{21} + z^{20} + z^{19} + z^{17} + z^{13} + z^{12} + z^{11} + z^9 + z^8 + z^7 + z^6 + z^5 + z^4 \\ &\quad + z^3 + z + 1, \\ p_1(z) &= z^{26} + z^{25} + z^{22} + z^{21} + z^{20} + z^{19} + z^{17} + z^{16} + z^{12} + z^9 + z^8 + z^7 + z^3 \\ &\quad + z, \\ p_2(z) &= z^{28} + z^{24} + z^{22} + z^{20} + z^{16} + z^{14} + z^{12} + z^8 + z^6 + z^4 + z^2 + 1, \\ p_3(z) &= z^{26} + z^{25} + z^{22} + z^{21} + z^{20} + z^{19} + z^{17} + z^{16} + z^{12} + z^9 + z^8 + z^7 + z^3 \\ &\quad + z, \\ p_4(z) &= z^{24} + z^{22} + z^{21} + z^{19} + z^{17} + z^{14} + z^{13} + z^{11} + z^9 + z^7 + z^5 + z^3 + z^2 \\ &\quad + z + 1. \end{aligned}$$

2. PROOF

Define the sequences of polynomials $(P_n(z))_{n \geq 0}$ and $(Q_n(z))_{n \geq 0}$ by

$$\begin{pmatrix} P_n(z) & Q_n(z) \\ P_{n-1}(z) & Q_{n-1}(z) \end{pmatrix} := \begin{pmatrix} t_n(z) & 1 \\ 1 & 0 \end{pmatrix} \begin{pmatrix} t_{n-1}(z) & 1 \\ 1 & 0 \end{pmatrix} \cdots \begin{pmatrix} t_0(z) & 1 \\ 1 & 0 \end{pmatrix} \begin{pmatrix} 0 & 1 \\ 1 & 0 \end{pmatrix}.$$

By the basic properties of continued fractions, we have

$$(2.1) \quad \text{CF}_n(a, b) = \frac{P_n(z)}{Q_n(z)} \in \mathbb{F}_2((1/z)).$$

As formula (2.1) is not efficient for calculating $\text{CF}_n(a, b)$, a fast method is to be derived and described as follows. Define

$$\begin{aligned} M_n(x) &= x^{\deg(t_{2^n-1})} \begin{pmatrix} t_{2^n-1}(1/x) & 1 \\ 1 & 0 \end{pmatrix} \times x^{\deg(t_{2^n-2})} \begin{pmatrix} t_{2^n-2}(1/x) & 1 \\ 1 & 0 \end{pmatrix} \times \\ &\quad \cdots \times x^{\deg(t_0)} \begin{pmatrix} t_0(1/x) & 1 \\ 1 & 0 \end{pmatrix}, \\ W_n(x) &= x^{\deg(\bar{t}_{2^n-1})} \begin{pmatrix} \bar{t}_{2^n-1}(1/x) & 1 \\ 1 & 0 \end{pmatrix} \times x^{\deg(\bar{t}_{2^n-2})} \begin{pmatrix} \bar{t}_{2^n-2}(1/x) & 1 \\ 1 & 0 \end{pmatrix} \times \end{aligned}$$

$$\dots \times x^{\deg(\bar{t}_0)} \begin{pmatrix} \bar{t}_0(1/x) & 1 \\ 1 & 0 \end{pmatrix},$$

where $\bar{t}$ is the (b, a) -Thue-Morse sequence. By the properties of the Thue-Morse sequence, we have for $n \geq 0$

$$\begin{aligned} M_{n+1}(x) &= W_n(x) \cdot M_n(x), \\ W_{n+1}(x) &= M_n(x) \cdot W_n(x). \end{aligned}$$

Let $x := 1/z$. For each non-zero polynomial $P(z)$, define $\tilde{P}(x)$ to be $P(1/x)$. Then,

$$\text{CF}_n(a, b) = \frac{P_n(z)}{Q_n(z)} = \frac{\tilde{P}_n(x)}{\tilde{Q}_n(x)} \in \mathbb{F}_2((x)) = \mathbb{F}_2((1/z)).$$

Comparing the definition of $M_n(x)$ with the definition of $P_n(x)$ and $Q_n(x)$, we see that

$$\begin{aligned} M_n(x)_{0,1} &= x^{d_n} \tilde{P}_{2^n-1}(x), \\ M_n(x)_{0,0} &= x^{d_n} \tilde{Q}_{2^n-1}(x), \end{aligned}$$

for some positive integer d_n . Hence,

$$(2.2) \quad \text{CF}_{2^{2n}-1}(a, b) = \frac{\tilde{P}_{2^{2n}-1}(x)}{\tilde{Q}_{2^{2n}-1}(x)} = \frac{M_{2n}(x)_{0,1}}{M_{2n}(x)_{0,0}}.$$

Therefore, by the convergence theorem of continued fraction, the algebraicity of $\text{CF}(a, b)$ will be established if it is shown that both $M_{2n}(x)_{0,1}$ and $M_{2n}(x)_{0,0}$ converge to algebraic series in $\mathbb{F}_2[[x]]$.

Actually, we will prove that for all $0 \leq i, j \leq 1$ the four sequences $(M_{2n}(x)_{i,j})_n$, $(M_{2n+1}(x)_{i,j})_n$, $(W_{2n}(x)_{i,j})_n$, and $(W_{2n+1}(x)_{i,j})_n$ converge to algebraic series in $\mathbb{F}_2[[x]]$. For this purpose, we define four 2×2 matrices M^e, M^o, W^e, W^o as follows: For each $T \in \{M^e, M^o, W^e, W^o\}$ and $0 \leq i, j \leq 1$, $T_{i,j}$ is defined to be the unique solution in $\mathbb{F}_2[[x]]$ of the polynomial $\phi(T, i, j)$ under certain initial conditions; the polynomials $\phi(T, i, j)$ and initial conditions are given in Section 3. We will prove that these four matrices, whose components are algebraic by definition, are the limits of $(M_{2n}(x))_n$, $(M_{2n+1}(x))_n$, $(W_{2n}(x))_n$, and $(W_{2n+1}(x))_n$.

Let us explain how the polynomials $\phi(T, i, j)$ and initial conditions are found, and why the solutions exist and are unique. For $0 \leq i, j \leq 1$, the coefficients of the polynomial $\phi(M^e, i, j)$ (resp. $\phi(M^o, i, j)$, $\phi(W^e, i, j)$, and $\phi(W^o, i, j)$) are the Padé-Hermite approximants of type

$$(175, 175, 175, 175, 175)$$

of the vector

$$(1, T^3, T^6, T^9, T^{12}),$$

where $T = M_{12,i,j}$ (resp. $M_{11,i,j}$, $W_{12,i,j}$, and $W_{11,i,j}$), found by the Derksen algorithm. We take the first 8 terms of $M_{12,i,j}$ (resp. $M_{11,i,j}$, $W_{12,i,j}$, and $W_{11,i,j}$) as initial conditions for $\phi(M^e, i, j)$ (resp. $\phi(M^o, i, j)$, $\phi(W^e, i, j)$, and $\phi(W^o, i, j)$). The following fact will be used to ensure that the solution exists and is unique: let $P(x, y) \in \mathbb{F}_2[x, y]$ and for each series $f(x) = \sum_{n=0}^{\infty} a_n x^n \in \mathbb{F}_2[[x]]$ denote the partial sum $\sum_{j=0}^{n-1} a_j x^j$ by $f_n(x)$ for $n \geq 0$. If for some $n \geq 0$ and $a_0, a_1, \dots, a_{n-1} \in \mathbb{F}_2$ $P(x, \sum_{j=0}^{n-1} a_j x^j) = O(x^n)$ and $Q(x, y) := P(x, \sum_{j=0}^{n-1} a_j x^j + x^n y)$ can be written as $x^m \sum_{j=0}^{\infty} q_j(x) y^j$ where $q_j(x)$ are polynomials for $j \geq 0$, $q_1(0) = 1$, and $q_j(0) = 0$

for $j > 1$, then there exists a unique solution $f(x) \in \mathbb{F}_2[[x]]$ of $P(x, f(x)) = 0$ that satisfies the initial condition $f_n(x) = \sum_{j=0}^{n-1} a_j x^j$.

We state two lemmas concerning the four matrices M^e, M^o, W^e, W^o . The first one is about relations between them; the second, about the structure of the each matrix.

Lemma 2.1. *We have*

$$(2.3) \quad M^e = W^o \cdot M^o,$$

$$(2.4) \quad M^o = W^e \cdot M^e,$$

$$(2.5) \quad W^e = M^o \cdot W^o,$$

$$(2.6) \quad W^o = M^e \cdot W^e.$$

Proof. We give the proof of the identity

$$M_{0,0}^e = W_{0,0}^o M_{0,0}^o + W_{0,1}^o M_{1,0}^o,$$

the proofs of the others being similar.

First, we compute the minimal polynomials of $W_{0,0}^o M_{0,0}^o$ and $W_{0,1}^o M_{1,0}^o$. We know that

$$P(x, y) = \text{Res}_z (\phi(W^o, 0, 0)(x, z), z^{12} \cdot \phi(M^o, 0, 0)(x, y/z))$$

is an annihilating polynomial of $W_{0,0}^o M_{0,0}^o$. We use Padé-Hermite approximation to find a candidate for the minimal polynomial of $W_{0,0}^o M_{0,0}^o$, that will be called $\phi_0(x, y)$. To prove that $\phi_0(x, y)$ is indeed the minimal polynomial, it suffices to prove that it is an irreducible factor of $P(x, y)$ of multiplicity m and that $Q(x, y) := P(x, y)/\phi_0(x, y)^m$ is not an annihilating polynomial of $W_{0,0}^o M_{0,0}^o$. We verify the first point directly. For the second point, we truncate $W_{0,0}^o M_{0,0}^o$ to order 630 and substitute it for y in $Q(x, y)$. We get a series of valuation less than 630, which proves that $Q(x, y)$ is not an annihilating polynomial of $W_{0,0}^o M_{0,0}^o$. We find the minimal polynomial $\phi_1(x, y)$ of $W_{0,1}^o M_{1,0}^o$ in a similar way.

Now we prove that $\phi(M^e, 0, 0)$ is the minimal polynomial of $W_{0,0}^o M_{0,0}^o + W_{0,1}^o M_{1,0}^o$. We know that

$$S(x, y) = \text{Res}_z (\phi_0(x, z), \phi_1(x, y + z))$$

is an annihilating of $W_{0,0}^o M_{0,0}^o + W_{0,1}^o M_{1,0}^o$. We verify that $\phi(M^e, 0, 0)$ is an irreducible factor of $S(x, y)$ of multiplicity μ , and that $Q(x, y) := S(x, y)/\phi(M^e, 0, 0)^\mu$ is not an annihilating polynomial of $W_{0,0}^o M_{0,0}^o + W_{0,1}^o M_{1,0}^o$. To see the last point, we truncate $W_{0,0}^o M_{0,0}^o + W_{0,1}^o M_{1,0}^o$ to order 770 and substitute it for y in $Q(x, y)$. We get a series of valuation less than 770, and therefore $Q(x, y)$ is not an annihilating polynomial of $W_{0,0}^o M_{0,0}^o + W_{0,1}^o M_{1,0}^o$.

Finally, the first 16 terms of $M_{0,0}^e$ and $W_{0,0}^o M_{0,0}^o + W_{0,1}^o M_{1,0}^o$ coincide. As these first terms determine a unique solution of $\phi(M^e, 0, 0)$, we know that the two series are one and the same. $\square$

Define

$$R^e = \begin{pmatrix} 1 & 1 \\ 1 & 0 \end{pmatrix} \quad \text{and} \quad R^o = \begin{pmatrix} 0 & 1 \\ 1 & 1 \end{pmatrix}.$$

Lemma 2.2. *For all integers $k \geq 2$ and $u = 2^{2k-1}$, the following identities hold.*

$$\begin{aligned} M^e[:14u] &= M^e[:7u] + x^{2u} M^e[:5u] + x^{5u} M^e[:2u] + x^{6u} M^e[:u] + x^{2u} M^e[:7u] \\ &\quad + x^{4u} M^e[:5u] + x^{7u} M^e[:2u] + x^{8u} M^e[:u] + x^{4u} M^e[:7u] \end{aligned}$$

$$\begin{aligned}
& + x^{6u}M^e[:5u] + x^{9u}M^e[:2u] + x^{10u}M^e[:u] + x^{5u}M^e[:7u] \\
& + x^{7u}M^e[:5u] + x^{10u}M^e[:2u] + x^{11u}M^e[:u] + x^{7u}M^e[:7u] \\
& + x^{9u}M^e[:5u] + x^{12u}M^e[:2u] + x^{11u}M^e[:3u] \\
& + (x^{7u} + x^{9u} + x^{11u} + x^{12u})R^e, \\
W^e[:14u] &= W^e[:7u] + x^{2u}W^e[:5u] + x^{5u}W^e[:2u] + x^{6u}W^e[:u] + x^{2u}W^e[:7u] \\
& + x^{4u}W^e[:5u] + x^{7u}W^e[:2u] + x^{8u}W^e[:u] + x^{4u}W^e[:7u] \\
& + x^{6u}W^e[:5u] + x^{9u}W^e[:2u] + x^{10u}W^e[:u] + x^{5u}W^e[:7u] \\
& + x^{7u}W^e[:5u] + x^{10u}W^e[:2u] + x^{11u}W^e[:u] + x^{7u}W^e[:7u] \\
& + x^{9u}W^e[:5u] + x^{12u}W^e[:2u] + x^{11u}W^e[:3u] \\
& + (x^{7u} + x^{9u} + x^{11u} + x^{12u})R^e.
\end{aligned}$$

For all integers $k \geq 2$ and $u = 2^{2k}$, the following identities hold.

$$\begin{aligned}
M^o[:14u] &= M^o[:7u] + x^{2u}M^o[:5u] + x^{5u}M^o[:2u] + x^{6u}M^o[:u] + x^{2u}M^o[:7u] \\
& + x^{4u}M^o[:5u] + x^{7u}M^o[:2u] + x^{8u}M^o[:u] + x^{4u}M^o[:7u] \\
& + x^{6u}M^o[:5u] + x^{9u}M^o[:2u] + x^{10u}M^o[:u] + x^{5u}M^o[:7u] \\
& + x^{7u}M^o[:5u] + x^{10u}M^o[:2u] + x^{11u}M^o[:u] + x^{7u}M^o[:7u] \\
& + x^{9u}M^o[:5u] + x^{12u}M^o[:2u] + x^{11u}M^o[:3u] \\
& + (x^{7u} + x^{9u} + x^{11u} + x^{12u})R^o, \\
W^o[:14u] &= W^o[:7u] + x^{2u}W^o[:5u] + x^{5u}W^o[:2u] + x^{6u}W^o[:u] + x^{2u}W^o[:7u] \\
& + x^{4u}W^o[:5u] + x^{7u}W^o[:2u] + x^{8u}W^o[:u] + x^{4u}W^o[:7u] \\
& + x^{6u}W^o[:5u] + x^{9u}W^o[:2u] + x^{10u}W^o[:u] + x^{5u}W^o[:7u] \\
& + x^{7u}W^o[:5u] + x^{10u}W^o[:2u] + x^{11u}W^o[:u] + x^{7u}W^o[:7u] \\
& + x^{9u}W^o[:5u] + x^{12u}W^o[:2u] + x^{11u}W^o[:3u] \\
& + (x^{7u} + x^{9u} + x^{11u} + x^{12u})R^o.
\end{aligned}$$

Proof. To prove Lemma 2.2 we first construct an automaton for each sequence concerned, and then transform the conditions on infinitely many k 's into finitely many conditions on the states of the automaton. In the following, we will prove that for $T = M_{0,0}^o$, for all integer $k \geq 2$ and $u = 2^{2k}$,

$$\begin{aligned}
T[:14u] &= T[:7u] + x^{2u}T[:5u] + x^{5u}T[:2u] + x^{6u}T[:u] + x^{2u}T[:7u] + x^{4u}T[:5u] \\
& + x^{7u}T[:2u] + x^{8u}T[:u] + x^{4u}T[:7u] + x^{6u}T[:5u] + x^{9u}T[:2u] \\
& + x^{10u}T[:u] + x^{5u}T[:7u] + x^{7u}T[:5u] + x^{10u}T[:2u] + x^{11u}T[:u] \\
& + x^{7u}T[:7u] + x^{9u}T[:5u] + x^{12u}T[:2u] + x^{11u}T[:3u] \\
& + (x^{7u} + x^{9u} + x^{11u} + x^{12u}).
\end{aligned}$$

The proof of the other 15 cases are similar. We break down the above identity into 7 parts:

$$\begin{aligned}
& x^7u = x^{7u}T[:u] + x^{6u}T[u:2u] + x^{5u}T[2u:3u] + x^{2u}T[5u:6u] \\
& + T[7u:8u],
\end{aligned}$$

$$\begin{aligned}
0 &= x^{8u}T[:u] + x^{7u}T[u:2u] + x^{6u}T[2u:3u] + x^{5u}T[3u:4u] \\
&\quad + x^{2u}T[6u:7u] + T[8u:9u], \\
x^9u &= x^{6u}T[3u:4u] + x^{5u}T[4u:5u] + x^{4u}T[5u:6u] + T[9u:10u], \\
0 &= x^{6u}T[4u:5u] + x^{5u}T[5u:6u] + x^{4u}T[6u:7u] + T[10u:11u], \\
x^11u &= x^{10u}T[u:2u] + x^{9u}T[2u:3u] + x^{5u}T[6u:7u] + T[11u:12u], \\
x^12u &= x^{12u}T[:u] + x^{11u}T[u:2u] + x^{9u}T[3u:4u] + x^{7u}T[5u:6u] \\
&\quad + T[12u:13u], \\
0 &= x^{12u}T[u:2u] + x^{11u}T[2u:3u] + x^{9u}T[4u:5u] + x^{7u}T[6u:7u] \\
&\quad + T[13u:14u],
\end{aligned}$$

which can be rewritten as

$$(2.7) \quad 0 = T[[w]_2] + T[[1w]_2] + T[[10w]_2] + T[[101w]_2] + T[[111w]_2],$$

$$0 = T[[w]_2] + T[[1w]_2] + T[[10w]_2] + T[[11w]_2] + T[[110w]_2]$$

$$(2.8) \quad + T[[1000w]_2],$$

$$(2.9) \quad 0 = T[[11w]_2] + T[[100w]_2] + T[[101w]_2] + T[[1001w]_2],$$

$$(2.10) \quad 0 = T[[100w]_2] + T[[101w]_2] + T[[110w]_2] + T[[1010w]_2],$$

$$(2.11) \quad 0 = T[[1w]_2] + T[[10w]_2] + T[[110w]_2] + T[[1011w]_2],$$

$$(2.12) \quad 0 = T[[w]_2] + T[[1w]_2] + T[[11w]_2] + T[[101w]_2] + T[[1100w]_2],$$

$$(2.13) \quad 0 = T[[1w]_2] + T[[10w]_2] + T[[100w]_2] + T[[110w]_2] + T[[1101w]_2],$$

for all binary word w of length $2k$ and $w \neq 0^{2k}$, and

$$(2.14) \quad 1 = T[[w]_2] + T[[1w]_2] + T[[10w]_2] + T[[101w]_2] + T[[111w]_2],$$

$$0 = T[[w]_2] + T[[1w]_2] + T[[10w]_2] + T[[11w]_2] + T[[110w]_2]$$

$$(2.15) \quad + T[[1000w]_2],$$

$$(2.16) \quad 1 = T[[11w]_2] + T[[100w]_2] + T[[101w]_2] + T[[1001w]_2],$$

$$(2.17) \quad 0 = T[[100w]_2] + T[[101w]_2] + T[[110w]_2] + T[[1010w]_2],$$

$$(2.18) \quad 1 = T[[1w]_2] + T[[10w]_2] + T[[110w]_2] + T[[1011w]_2],$$

$$(2.19) \quad 1 = T[[w]_2] + T[[1w]_2] + T[[11w]_2] + T[[101w]_2] + T[[1100w]_2],$$

$$(2.20) \quad 0 = T[[1w]_2] + T[[10w]_2] + T[[100w]_2] + T[[110w]_2] + T[[1101w]_2],$$

for $w = 0^{2k}$.

First we calculate an 2-automaton that generates T from its minimal polynomial and its first terms. This automaton has 13845 states; its transition function and output function can be found in the annex. Let $A(s, w)$ denote the state reached after reading w from right to left starting from the state s , and τ the output function. Define

$$E_{2k} = \{A(i, w) : |w| = 2k, w \neq 0^{2k}\}.$$

Identities (2.7) through (2.20) can be written as

$$\begin{aligned}
(2.21) \quad &0 = \tau(A(s, \epsilon)) + \tau(A(s, 1)) + \tau(A(s, 10)) + \tau(A(s, 101)) \\
&\quad + \tau(A(s, 111)), \\
&0 = \tau(A(s, \epsilon)) + \tau(A(s, 1)) + \tau(A(s, 10)) + \tau(A(s, 11)) + \tau(A(s, 110))
\end{aligned}$$

$$\begin{aligned}
(2.22) \quad & + \tau(A(s, 1000)), \\
(2.23) \quad & 0 = \tau(A(s, 11)) + \tau(A(s, 100)) + \tau(A(s, 101)) + \tau(A(s, 1001)), \\
(2.24) \quad & 0 = \tau(A(s, 100)) + \tau(A(s, 101)) + \tau(A(s, 110)) + \tau(A(s, 1010)), \\
(2.25) \quad & 0 = \tau(A(s, 1)) + \tau(A(s, 10)) + \tau(A(s, 110)) + \tau(A(s, 1011)), \\
& 0 = \tau(A(s, \epsilon)) + \tau(A(s, 1)) + \tau(A(s, 11)) + \tau(A(s, 101)) \\
(2.26) \quad & + \tau(A(s, 1100)), \\
& 0 = \tau(A(s, 1)) + \tau(A(s, 10)) + \tau(A(s, 100)) + \tau(A(s, 110)) \\
(2.27) \quad & + \tau(A(s, 1101)),
\end{aligned}$$

for all $s \in E_{2k}$, and

$$\begin{aligned}
& 1 = \tau(A(s, \epsilon)) + \tau(A(s, 1)) + \tau(A(s, 10)) + \tau(A(s, 101)) \\
(2.28) \quad & + \tau(A(s, 111)), \\
& 0 = \tau(A(s, \epsilon)) + \tau(A(s, 1)) + \tau(A(s, 10)) + \tau(A(s, 11)) + \tau(A(s, 110)) \\
(2.29) \quad & + \tau(A(s, 1000)), \\
(2.30) \quad & 1 = \tau(A(s, 11)) + \tau(A(s, 100)) + \tau(A(s, 101)) + \tau(A(s, 1001)), \\
(2.31) \quad & 0 = \tau(A(s, 100)) + \tau(A(s, 101)) + \tau(A(s, 110)) + \tau(A(s, 1010)), \\
(2.32) \quad & 1 = \tau(A(s, 1)) + \tau(A(s, 10)) + \tau(A(s, 110)) + \tau(A(s, 1011)), \\
& 1 = \tau(A(s, \epsilon)) + \tau(A(s, 1)) + \tau(A(s, 11)) + \tau(A(s, 101)) \\
(2.33) \quad & + \tau(A(s, 1100)), \\
& 0 = \tau(A(s, 1)) + \tau(A(s, 10)) + \tau(A(s, 100)) + \tau(A(s, 110)) \\
(2.34) \quad & + \tau(A(s, 1101)),
\end{aligned}$$

for $s = A(i, 0^{2k})$. We find that $(A(i, 0^{38}), E_{38}) = (A(i, 0^{22}), E_{22})$, so that we only have to verify that identities (2.21) through (2.34) hold for $2 \leq k \leq 19$, which turns out to be true. $\square$

In the following lemma, we express M_{2k} , M_{2k+1} , W_{2k} , and W_{2k+1} in terms of M^e , M^o , W^e , and W^o .

Lemma 2.3. *For all integer $k \geq 2$, and $u = 2^{2k-1}$,*

$$\begin{aligned}
M_{2k} &= M^e[:7u] + x^{2u}M^e[:5u] + x^{5u}M^e[:2u] + x^{6u}M^e[:u] + x^{7u}R^e, \\
W_{2k} &= W^e[:7u] + x^{2u}W^e[:5u] + x^{5u}W^e[:2u] + x^{6u}W^e[:u] + x^{7u}R^e.
\end{aligned}$$

For all integer $k \geq 2$, and $u = 2^{2k}$,

$$\begin{aligned}
M_{2k+1} &= M^o[:7u] + x^{2u}M^o[:5u] + x^{5u}M^o[:2u] + x^{6u}M^o[:u] + x^{7u}R^o, \\
W_{2k+1} &= W^o[:7u] + x^{2u}W^o[:5u] + x^{5u}W^o[:2u] + x^{6u}W^o[:u] + x^{7u}R^o.
\end{aligned}$$

Proof. We call the four identities in Lemma 2.3 also by the name M_{2k} , W_{2k} , M_{2k+1} , and W_{2k+1} . For $n = 2$, the identities can be verified directly. For $n \geq 2$, we claim that

$$\begin{aligned}
M_{2k} \wedge W_{2k} &\Rightarrow M_{2k+1} \wedge W_{2k+1}, \\
M_{2k+1} \wedge W_{2k+1} &\Rightarrow M_{2k+2} \wedge W_{2k+2}.
\end{aligned}$$

We give the proof of

$$M_{2k} \wedge W_{2k} \Rightarrow M_{2k+1},$$

the other ones being similar. Set $u = 2^{2k}$ and $v = 2^{2k-1}$. By definition and induction hypothesis, the left side of identity M_{2k+1} is equal to

$$(2.35) \quad W_{2k}M_{2k} = (W^e[:7v] + x^{2v}W^e[:5v] + x^{5v}W^e[:2v] + x^{6v}W^e[:v] + x^{7u}R^e) \times (M^e[:7v] + x^{2v}M^e[:5v] + x^{5v}M^e[:2v] + x^{6v}M^e[:v] + x^{7u}R^e);$$

Call this expression *lhs*. Note that both sides of identity M_{2k+1} have the same term of highest degree $x^{14v}R^o$. Therefore we only need to prove that their difference is $O(x^{14v})$. Using Lemma 2.1 it can be seen that the right side of identity M_{2k+1} is congruent, modulo x^{14v} , to

$$W^e[:14v]M^e[:14v] + x^{4v}W^e[:10v]M^e[:10v] + x^{10v}W^e[:4v]M^e[:4v] + x^{12v}W^e[:2v]M^e[:2v].$$

For all $n \leq 14$, replace the occurrences of $W^e[:n \cdot v]$ and $M^e[:n \cdot v]$ in the above expression by the reduction modulo $x^{n \cdot v}$ of the right side of the corresponding identity in Lemma 2.2 and get a new expression, which we call *rhs*. Define

$$\begin{aligned} X &:= x^v, \\ a_n &:= W^e[n \cdot v : (n+1) \cdot v] / X^n, \\ b_n &:= M^e[n \cdot v : (n+1) \cdot v] / X^n, \\ c &:= R^e. \end{aligned}$$

Using the notation introduced above, we can represent the expressions *lhs* (2.35) and *rhs* as polynomials in $\mathbb{F}_2[a_1, \dots, a_{14}, b_1, \dots, b_{14}, c][X]$. Note that it is not a problem that a_j commutes with b_k while W^e does not commute with M^e , because in the expressions concerned, the products of W^e -terms and M^e -terms are always in the same order. We let the computer do the simplification and check that the difference between these two polynomials is indeed $O(X^{14})$, which completes the proof. $\square$

Proof of Theorem 1.1. We prove the theorem for $\text{CF}(a, b)$; for $\text{CF}(b, a)$, the proof is similar. By Lemma 2.3, we have For all $0 \leq j, k \leq 1$,

$$\begin{aligned} \lim_{n \rightarrow \infty} M_{2n,j,k} &= M_{j,k}^e, \\ \lim_{n \rightarrow \infty} M_{2n+1,j,k} &= M_{j,k}^o, \\ \lim_{n \rightarrow \infty} W_{2n,j,k} &= W_{j,k}^e, \\ \lim_{n \rightarrow \infty} W_{2n+1,j,k} &= W_{j,k}^o. \end{aligned}$$

Let $z = 1/x$. By the convergence theorem and identity (2.2),

$$\text{CF}(a, b) = \frac{M_{0,1}^e(x)}{M_{0,0}^e(x)}.$$

By definition, $\phi(M^e, 0, 1)$ and $\phi(M^e, 0, 0)$ are minimal polynomials of $M_{0,1}^e$ and $M_{0,0}^e$. Therefore

$$P(x, y) = \text{Res}_t (\phi(M^e, 0, 1)(x, t), y^{12}\phi(M^e, 0, 1)(x, t/y))$$

is an annihilating polynomial of $f(x) = M_{0,1}^e/M_{0,0}^e$.

Define

$$Q(x, y) = q_4(x)y^4 + q_3(x)y^3 + q_2(x)y^2 + q_1(x)y + q_0(x),$$

where

$$\begin{aligned}
q_0(x) &= x^{28} + x^{27} + x^{25} + x^{23} + x^{22} + x^{21} + x^{19} + x^{17} + x^{15} + x^{12} + x^{11} + x^9 \\
&\quad + x^7, \\
q_1(x) &= x^{27} + x^{25} + x^{21} + x^{20} + x^{19} + x^{16} + x^{12} + x^{11} + x^9 + x^8 + x^7 + x^6 + x^3 \\
&\quad + x^2, \\
q_2(x) &= x^{28} + x^{26} + x^{24} + x^{22} + x^{20} + x^{16} + x^{14} + x^{12} + x^8 + x^6 + x^4 + 1, \\
q_3(x) &= x^{27} + x^{25} + x^{21} + x^{20} + x^{19} + x^{16} + x^{12} + x^{11} + x^9 + x^8 + x^7 + x^6 + x^3 \\
&\quad + x^2, \\
q_4(x) &= x^{28} + x^{27} + x^{26} + x^{25} + x^{24} + x^{23} + x^{21} + x^{20} + x^{19} + x^{17} + x^{16} + x^{15} \\
&\quad + x^{14} + x^{12} + x^{11} + x^9 + x^8 + x^7 + x^6 + x^4.
\end{aligned}$$

The polynomial $Q(x, y)$ is the candidate for the minimal polynomial of $f(x)$ found by Padé-Hermite approximation. To prove that it is indeed the minimal polynomial of $f(x)$, we only need to prove that it is an irreducible factor of $P(x, y)$ of multiplicity m and $R(x, y) := P(x, y)/Q(x, y)^m$ is not an annihilating polynomial of $f(x)$. We verify the first point directly. For the second point, we find that when we truncate $f(x)$ to order 216, and substitute it for y in $R(z, y)$, we get a series with valuation smaller than 216, which proves that $R(z, y)$ is not an annihilating polynomial of $f(x)$. Finally, $z^{12}Q(1/z, y)$ is the minimal polynomial of $\text{CF}(a, b) = f(1/z)$. $\square$

3. ANNEXE

All 16 polynomials are of the form

$$p_0(x) + p_3(x)y^3 + p_6(x)y^6 + p_9(x)y^9 + p_{12}(x)y^{12}.$$

The coefficients $p_j(x)$ and the 16 initial terms to determine the solutions uniquely are given below.

For $\phi(M^e, 0, 0)$:

$$\begin{aligned}
p_0(x) &= x^{138} + x^{136} + x^{132} + x^{130} + x^{128} + x^{124} + x^{116} + x^{108} + x^{100} + x^{98} \\
&\quad + x^{90} + x^{88} + x^{86} + x^{80} + x^{78} + x^{74} + x^{70} + x^{64} + x^{60} + x^{58} + x^{56} \\
&\quad + x^{52} + x^{50} + x^{42} + x^{40} + x^{36} + x^{32} + x^{26} + x^{24}, \\
p_3(x) &= x^{136} + x^{134} + x^{130} + x^{128} + x^{126} + x^{124} + x^{118} + x^{106} + x^{104} + x^{100} \\
&\quad + x^{98} + x^{96} + x^{92} + x^{90} + x^{88} + x^{84} + x^{58} + x^{56} + x^{54} + x^{52} + x^{50} \\
&\quad + x^{48} + x^{44} + x^{40} + x^{38} + x^{34} + x^{32} + x^{30} + x^{28} + x^{24} + x^{22} + x^{16}, \\
p_6(x) &= x^{136} + x^{132} + x^{130} + x^{128} + x^{122} + x^{114} + x^{112} + x^{110} + x^{104} + x^{102} \\
&\quad + x^{98} + x^{94} + x^{90} + x^{86} + x^{82} + x^{78} + x^{72} + x^{68} + x^{66} + x^{64} + x^{62} \\
&\quad + x^{46} + x^{42} + x^{40} + x^{30} + x^{26} + x^{24} + x^{20} + x^{18} + x^{14} + x^2 + 1, \\
p_9(x) &= x^{136} + x^{134} + x^{132} + x^{128} + x^{126} + x^{124} + x^{118} + x^{116} + x^{106} + x^{104} \\
&\quad + x^{98} + x^{96} + x^{92} + x^{88} + x^{82} + x^{80} + x^{78} + x^{66} + x^{64} + x^{56} + x^{54} \\
&\quad + x^{52} + x^{46} + x^{40} + x^{38} + x^{30} + x^{26} + x^{20} + x^{18} + x^{16} + x^8 + x^4, \\
p_{12}(x) &= x^{138} + x^{132} + x^{128} + x^{124} + x^{120} + x^{116} + x^{114} + x^{112} + x^{74} + x^{68}
\end{aligned}$$

$$\begin{aligned}
& + x^{64} + x^{60} + x^{56} + x^{52} + x^{50} + x^{48} + x^{26} + x^{20} + x^{16} + x^{12} + x^8 \\
& + x^4 + x^2 + 1,
\end{aligned}$$

and the initial terms are $[1, 0, 0, 0, 1, 0, 1, 0, 1, 0, 1, 0, 1, 0, 0, 0]$.

For $\phi(M^e, 0, 1)$:

$$\begin{aligned}
p_0(x) = & x^{147} + x^{146} + x^{145} + x^{143} + x^{134} + x^{132} + x^{130} + x^{129} + x^{126} + x^{124} \\
& + x^{123} + x^{122} + x^{121} + x^{118} + x^{113} + x^{112} + x^{110} + x^{108} + x^{107} \\
& + x^{105} + x^{104} + x^{103} + x^{102} + x^{96} + x^{94} + x^{93} + x^{92} + x^{90} + x^{85} \\
& + x^{81} + x^{79} + x^{78} + x^{77} + x^{75} + x^{74} + x^{73} + x^{71} + x^{70} + x^{69} + x^{66} \\
& + x^{65} + x^{62} + x^{61} + x^{60} + x^{53} + x^{51} + x^{48} + x^{47} + x^{46} + x^{44} + x^{43} \\
& + x^{42} + x^{41} + x^{40} + x^{39} + x^{38} + x^{36} + x^{35} + x^{33},
\end{aligned}$$

$$\begin{aligned}
p_3(x) = & x^{138} + x^{137} + x^{134} + x^{132} + x^{129} + x^{127} + x^{126} + x^{125} + x^{124} + x^{122} \\
& + x^{121} + x^{118} + x^{116} + x^{113} + x^{111} + x^{110} + x^{109} + x^{107} + x^{103} \\
& + x^{101} + x^{100} + x^{99} + x^{97} + x^{94} + x^{91} + x^{89} + x^{86} + x^{83} + x^{82} + x^{68} \\
& + x^{67} + x^{66} + x^{65} + x^{63} + x^{62} + x^{61} + x^{59} + x^{58} + x^{57} + x^{55} + x^{54} \\
& + x^{53} + x^{52} + x^{50} + x^{49} + x^{46} + x^{44} + x^{42} + x^{39} + x^{37} + x^{36} + x^{35} \\
& + x^{34} + x^{28} + x^{27} + x^{23} + x^{21} + x^{20} + x^{19} + x^{18},
\end{aligned}$$

$$\begin{aligned}
p_6(x) = & x^{141} + x^{140} + x^{139} + x^{138} + x^{136} + x^{134} + x^{129} + x^{128} + x^{125} + x^{123} \\
& + x^{122} + x^{120} + x^{119} + x^{114} + x^{111} + x^{110} + x^{107} + x^{103} + x^{98} + x^{97} \\
& + x^{96} + x^{92} + x^{87} + x^{86} + x^{83} + x^{81} + x^{80} + x^{79} + x^{77} + x^{74} + x^{72} \\
& + x^{71} + x^{70} + x^{69} + x^{68} + x^{67} + x^{64} + x^{63} + x^{61} + x^{60} + x^{59} + x^{56} \\
& + x^{55} + x^{50} + x^{49} + x^{48} + x^{47} + x^{46} + x^{44} + x^{42} + x^{41} + x^{40} + x^{37} \\
& + x^{35} + x^{34} + x^{32} + x^{30} + x^{29} + x^{28} + x^{25} + x^{20} + x^{17} + x^{16} + x^{12},
\end{aligned}$$

$$\begin{aligned}
p_9(x) = & x^{144} + x^{143} + x^{139} + x^{138} + x^{134} + x^{133} + x^{130} + x^{128} + x^{125} + x^{123} \\
& + x^{122} + x^{121} + x^{119} + x^{118} + x^{117} + x^{116} + x^{108} + x^{107} + x^{103} \\
& + x^{102} + x^{100} + x^{99} + x^{95} + x^{93} + x^{92} + x^{91} + x^{89} + x^{88} + x^{87} + x^{86} \\
& + x^{84} + x^{83} + x^{79} + x^{77} + x^{76} + x^{75} + x^{73} + x^{69} + x^{68} + x^{66} + x^{65} \\
& + x^{64} + x^{63} + x^{61} + x^{58} + x^{56} + x^{53} + x^{52} + x^{48} + x^{47} + x^{46} + x^{45} \\
& + x^{44} + x^{42} + x^{41} + x^{37} + x^{36} + x^{30} + x^{29} + x^{26} + x^{24} + x^{22} + x^{19} \\
& + x^{17} + x^{16} + x^{15} + x^{13} + x^{10} + x^7 + x^6,
\end{aligned}$$

$$\begin{aligned}
p_{12}(x) = & x^{147} + x^{146} + x^{145} + x^{144} + x^{143} + x^{141} + x^{139} + x^{137} + x^{135} + x^{133} \\
& + x^{130} + x^{128} + x^{127} + x^{126} + x^{125} + x^{124} + x^{122} + x^{120} + x^{119} \\
& + x^{118} + x^{117} + x^{116} + x^{114} + x^{112} + x^{83} + x^{82} + x^{81} + x^{80} + x^{79} \\
& + x^{77} + x^{75} + x^{73} + x^{71} + x^{69} + x^{66} + x^{64} + x^{63} + x^{62} + x^{61} + x^{60} \\
& + x^{58} + x^{56} + x^{55} + x^{54} + x^{53} + x^{52} + x^{50} + x^{48} + x^{35} + x^{34} + x^{33} \\
& + x^{32} + x^{31} + x^{29} + x^{27} + x^{25} + x^{23} + x^{21} + x^{18} + x^{16} + x^{15} + x^{14}
\end{aligned}$$

$$+ x^{13} + x^{12} + x^{10} + x^8 + x^7 + x^6 + x^5 + x^4 + x^2 + 1,$$

and the initial terms are $[0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]$.

For $\phi(M^e, 1, 0)$:

$$\begin{aligned} p_0(x) &= x^{147} + x^{146} + x^{145} + x^{143} + x^{134} + x^{132} + x^{130} + x^{129} + x^{126} + x^{124} \\ &\quad + x^{123} + x^{122} + x^{121} + x^{118} + x^{113} + x^{112} + x^{110} + x^{108} + x^{107} \\ &\quad + x^{105} + x^{104} + x^{103} + x^{102} + x^{96} + x^{94} + x^{93} + x^{92} + x^{90} + x^{85} \\ &\quad + x^{81} + x^{79} + x^{78} + x^{77} + x^{75} + x^{74} + x^{73} + x^{71} + x^{70} + x^{69} + x^{66} \\ &\quad + x^{65} + x^{62} + x^{61} + x^{60} + x^{53} + x^{51} + x^{48} + x^{47} + x^{46} + x^{44} + x^{43} \\ &\quad + x^{42} + x^{41} + x^{40} + x^{39} + x^{38} + x^{36} + x^{35} + x^{33}, \\ p_3(x) &= x^{138} + x^{137} + x^{134} + x^{132} + x^{129} + x^{127} + x^{126} + x^{125} + x^{124} + x^{122} \\ &\quad + x^{121} + x^{118} + x^{116} + x^{113} + x^{111} + x^{110} + x^{109} + x^{107} + x^{103} \\ &\quad + x^{101} + x^{100} + x^{99} + x^{97} + x^{94} + x^{91} + x^{89} + x^{86} + x^{83} + x^{82} + x^{68} \\ &\quad + x^{67} + x^{66} + x^{65} + x^{63} + x^{62} + x^{61} + x^{59} + x^{58} + x^{57} + x^{55} + x^{54} \\ &\quad + x^{53} + x^{52} + x^{50} + x^{49} + x^{46} + x^{44} + x^{42} + x^{39} + x^{37} + x^{36} + x^{35} \\ &\quad + x^{34} + x^{28} + x^{27} + x^{23} + x^{21} + x^{20} + x^{19} + x^{18}, \\ p_6(x) &= x^{141} + x^{140} + x^{139} + x^{138} + x^{136} + x^{134} + x^{129} + x^{128} + x^{125} + x^{123} \\ &\quad + x^{122} + x^{120} + x^{119} + x^{114} + x^{111} + x^{110} + x^{107} + x^{103} + x^{98} + x^{97} \\ &\quad + x^{96} + x^{92} + x^{87} + x^{86} + x^{83} + x^{81} + x^{80} + x^{79} + x^{77} + x^{74} + x^{72} \\ &\quad + x^{71} + x^{70} + x^{69} + x^{68} + x^{67} + x^{64} + x^{63} + x^{61} + x^{60} + x^{59} + x^{56} \\ &\quad + x^{55} + x^{50} + x^{49} + x^{48} + x^{47} + x^{46} + x^{44} + x^{42} + x^{41} + x^{40} + x^{37} \\ &\quad + x^{35} + x^{34} + x^{32} + x^{30} + x^{29} + x^{28} + x^{25} + x^{20} + x^{17} + x^{16} + x^{12}, \\ p_9(x) &= x^{144} + x^{143} + x^{139} + x^{138} + x^{134} + x^{133} + x^{130} + x^{128} + x^{125} + x^{123} \\ &\quad + x^{122} + x^{121} + x^{119} + x^{118} + x^{117} + x^{116} + x^{108} + x^{107} + x^{103} \\ &\quad + x^{102} + x^{100} + x^{99} + x^{95} + x^{93} + x^{92} + x^{91} + x^{89} + x^{88} + x^{87} + x^{86} \\ &\quad + x^{84} + x^{83} + x^{79} + x^{77} + x^{76} + x^{75} + x^{73} + x^{69} + x^{68} + x^{66} + x^{65} \\ &\quad + x^{64} + x^{63} + x^{61} + x^{58} + x^{56} + x^{53} + x^{52} + x^{48} + x^{47} + x^{46} + x^{45} \\ &\quad + x^{44} + x^{42} + x^{41} + x^{37} + x^{36} + x^{30} + x^{29} + x^{26} + x^{24} + x^{22} + x^{19} \\ &\quad + x^{17} + x^{16} + x^{15} + x^{13} + x^{10} + x^7 + x^6, \\ p_{12}(x) &= x^{147} + x^{146} + x^{145} + x^{144} + x^{143} + x^{141} + x^{139} + x^{137} + x^{135} + x^{133} \\ &\quad + x^{130} + x^{128} + x^{127} + x^{126} + x^{125} + x^{124} + x^{122} + x^{120} + x^{119} \\ &\quad + x^{118} + x^{117} + x^{116} + x^{114} + x^{112} + x^{83} + x^{82} + x^{81} + x^{80} + x^{79} \\ &\quad + x^{77} + x^{75} + x^{73} + x^{71} + x^{69} + x^{66} + x^{64} + x^{63} + x^{62} + x^{61} + x^{60} \\ &\quad + x^{58} + x^{56} + x^{55} + x^{54} + x^{53} + x^{52} + x^{50} + x^{48} + x^{35} + x^{34} + x^{33} \\ &\quad + x^{32} + x^{31} + x^{29} + x^{27} + x^{25} + x^{23} + x^{21} + x^{18} + x^{16} + x^{15} + x^{14} \\ &\quad + x^{13} + x^{12} + x^{10} + x^8 + x^7 + x^6 + x^5 + x^4 + x^2 + 1, \end{aligned}$$

and the initial terms are $[0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 1, 1, 1, 1]$.

For $\phi(M^e, 1, 1)$:

$$\begin{aligned}
p_0(x) &= x^{156} + x^{152} + x^{144} + x^{142} + x^{140} + x^{138} + x^{136} + x^{134} + x^{126} + x^{124} \\
&\quad + x^{122} + x^{120} + x^{118} + x^{114} + x^{110} + x^{108} + x^{106} + x^{104} + x^{102} \\
&\quad + x^{100} + x^{98} + x^{96} + x^{92} + x^{90} + x^{88} + x^{80} + x^{78} + x^{76} + x^{72} + x^{70} \\
&\quad + x^{62} + x^{60} + x^{58} + x^{56} + x^{48} + x^{44} + x^{42}, \\
p_3(x) &= x^{154} + x^{150} + x^{144} + x^{142} + x^{140} + x^{138} + x^{134} + x^{132} + x^{130} + x^{122} \\
&\quad + x^{112} + x^{104} + x^{102} + x^{100} + x^{94} + x^{92} + x^{88} + x^{86} + x^{74} + x^{72} \\
&\quad + x^{68} + x^{62} + x^{60} + x^{48} + x^{42} + x^{30} + x^{28} + x^{26} + x^{18} + x^{12}, \\
p_6(x) &= x^{154} + x^{146} + x^{142} + x^{134} + x^{132} + x^{128} + x^{126} + x^{120} + x^{118} + x^{116} \\
&\quad + x^{112} + x^{106} + x^{104} + x^{102} + x^{96} + x^{92} + x^{86} + x^{80} + x^{76} + x^{74} \\
&\quad + x^{72} + x^{56} + x^{52} + x^{48} + x^{44} + x^{42} + x^{40} + x^{30} + x^{28} + x^{24} + x^{16} \\
&\quad + x^{14} + x^{12} + x^8 + x^2 + 1, \\
p_9(x) &= x^{154} + x^{150} + x^{148} + x^{136} + x^{134} + x^{130} + x^{128} + x^{124} + x^{116} + x^{114} \\
&\quad + x^{110} + x^{102} + x^{100} + x^{96} + x^{94} + x^{92} + x^{90} + x^{86} + x^{82} + x^{80} + x^{78} \\
&\quad + x^{76} + x^{74} + x^{70} + x^{66} + x^{64} + x^{62} + x^{58} + x^{54} + x^{48} + x^{46} + x^{38} \\
&\quad + x^{36} + x^{32} + x^{28} + x^{22} + x^{20} + x^{14} + x^8 + x^4, \\
p_{12}(x) &= x^{156} + x^{154} + x^{152} + x^{132} + x^{130} + x^{128} + x^{124} + x^{122} + x^{120} + x^{116} \\
&\quad + x^{114} + x^{112} + x^{92} + x^{90} + x^{88} + x^{68} + x^{66} + x^{64} + x^{60} + x^{58} + x^{56} \\
&\quad + x^{52} + x^{50} + x^{48} + x^{44} + x^{42} + x^{40} + x^{20} + x^{18} + x^{16} + x^{12} + x^{10} \\
&\quad + x^8 + x^4 + x^2 + 1,
\end{aligned}$$

and the initial terms are $[0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 0]$.

For $\phi(W^e, 0, 0)$:

$$\begin{aligned}
p_0(x) &= x^{156} + x^{150} + x^{148} + x^{146} + x^{144} + x^{140} + x^{136} + x^{134} + x^{132} + x^{126} \\
&\quad + x^{124} + x^{118} + x^{110} + x^{84} + x^{82} + x^{80} + x^{72} + x^{66} + x^{64} + x^{60} + x^{58} \\
&\quad + x^{56} + x^{54} + x^{52} + x^{50} + x^{44} + x^{38} + x^{26} + x^{24}, \\
p_3(x) &= x^{154} + x^{148} + x^{146} + x^{144} + x^{142} + x^{140} + x^{124} + x^{118} + x^{108} + x^{104} \\
&\quad + x^{100} + x^{98} + x^{94} + x^{86} + x^{82} + x^{76} + x^{66} + x^{60} + x^{58} + x^{46} + x^{40} \\
&\quad + x^{38} + x^{32} + x^{30} + x^{24} + x^{22} + x^{20} + x^{16}, \\
p_6(x) &= x^{154} + x^{152} + x^{144} + x^{140} + x^{138} + x^{130} + x^{128} + x^{126} + x^{120} + x^{118} \\
&\quad + x^{100} + x^{84} + x^{82} + x^{80} + x^{72} + x^{70} + x^{68} + x^{56} + x^{54} + x^{52} + x^{50} \\
&\quad + x^{38} + x^{32} + x^{30} + x^{26} + x^{24} + x^{20} + x^{10} + x^2 + 1, \\
p_9(x) &= x^{154} + x^{150} + x^{148} + x^{136} + x^{134} + x^{130} + x^{128} + x^{124} + x^{116} + x^{114} \\
&\quad + x^{110} + x^{102} + x^{100} + x^{96} + x^{94} + x^{92} + x^{90} + x^{86} + x^{82} + x^{80} + x^{78} \\
&\quad + x^{76} + x^{74} + x^{70} + x^{66} + x^{64} + x^{62} + x^{58} + x^{54} + x^{48} + x^{46} + x^{38}
\end{aligned}$$

$$\begin{aligned}
& + x^{36} + x^{32} + x^{28} + x^{22} + x^{20} + x^{14} + x^8 + x^4, \\
p_{12}(x) = & x^{156} + x^{154} + x^{152} + x^{132} + x^{130} + x^{128} + x^{124} + x^{122} + x^{120} + x^{116} \\
& + x^{114} + x^{112} + x^{92} + x^{90} + x^{88} + x^{68} + x^{66} + x^{64} + x^{60} + x^{58} + x^{56} \\
& + x^{52} + x^{50} + x^{48} + x^{44} + x^{42} + x^{40} + x^{20} + x^{18} + x^{16} + x^{12} + x^{10} \\
& + x^8 + x^4 + x^2 + 1,
\end{aligned}$$

and the initial terms are $[1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0]$.

For $\phi(W^e, 0, 1)$:

$$\begin{aligned}
p_0(x) = & x^{147} + x^{146} + x^{145} + x^{143} + x^{141} + x^{140} + x^{139} + x^{138} + x^{137} + x^{135} \\
& + x^{134} + x^{133} + x^{131} + x^{130} + x^{128} + x^{127} + x^{126} + x^{124} + x^{123} \\
& + x^{121} + x^{117} + x^{116} + x^{113} + x^{112} + x^{111} + x^{109} + x^{108} + x^{103} \\
& + x^{102} + x^{101} + x^{100} + x^{98} + x^{96} + x^{94} + x^{93} + x^{91} + x^{90} + x^{87} + x^{84} \\
& + x^{83} + x^{82} + x^{81} + x^{80} + x^{79} + x^{78} + x^{77} + x^{72} + x^{71} + x^{70} + x^{68} \\
& + x^{66} + x^{64} + x^{58} + x^{52} + x^{51} + x^{50} + x^{48} + x^{47} + x^{46} + x^{43} + x^{41} \\
& + x^{40} + x^{39} + x^{38} + x^{37} + x^{34} + x^{33}, \\
p_3(x) = & x^{138} + x^{137} + x^{134} + x^{132} + x^{129} + x^{127} + x^{126} + x^{125} + x^{124} + x^{122} \\
& + x^{121} + x^{118} + x^{116} + x^{113} + x^{111} + x^{110} + x^{109} + x^{107} + x^{103} \\
& + x^{101} + x^{100} + x^{99} + x^{97} + x^{94} + x^{91} + x^{89} + x^{86} + x^{83} + x^{82} + x^{68} \\
& + x^{67} + x^{66} + x^{65} + x^{63} + x^{62} + x^{61} + x^{59} + x^{58} + x^{57} + x^{55} + x^{54} \\
& + x^{53} + x^{52} + x^{50} + x^{49} + x^{46} + x^{44} + x^{42} + x^{39} + x^{37} + x^{36} + x^{35} \\
& + x^{34} + x^{28} + x^{27} + x^{23} + x^{21} + x^{20} + x^{19} + x^{18}, \\
p_6(x) = & x^{141} + x^{140} + x^{139} + x^{138} + x^{136} + x^{134} + x^{129} + x^{128} + x^{125} + x^{123} \\
& + x^{122} + x^{120} + x^{119} + x^{114} + x^{111} + x^{110} + x^{107} + x^{103} + x^{98} + x^{97} \\
& + x^{96} + x^{92} + x^{87} + x^{86} + x^{83} + x^{81} + x^{80} + x^{79} + x^{77} + x^{74} + x^{72} \\
& + x^{71} + x^{70} + x^{69} + x^{68} + x^{67} + x^{64} + x^{63} + x^{61} + x^{60} + x^{59} + x^{56} \\
& + x^{55} + x^{50} + x^{49} + x^{48} + x^{47} + x^{46} + x^{44} + x^{42} + x^{41} + x^{40} + x^{37} \\
& + x^{35} + x^{34} + x^{32} + x^{30} + x^{29} + x^{28} + x^{25} + x^{20} + x^{17} + x^{16} + x^{12}, \\
p_9(x) = & x^{144} + x^{143} + x^{139} + x^{138} + x^{134} + x^{133} + x^{130} + x^{128} + x^{125} + x^{123} \\
& + x^{122} + x^{121} + x^{119} + x^{118} + x^{117} + x^{116} + x^{108} + x^{107} + x^{103} \\
& + x^{102} + x^{100} + x^{99} + x^{95} + x^{93} + x^{92} + x^{91} + x^{89} + x^{88} + x^{87} + x^{86} \\
& + x^{84} + x^{83} + x^{79} + x^{77} + x^{76} + x^{75} + x^{73} + x^{69} + x^{68} + x^{66} + x^{65} \\
& + x^{64} + x^{63} + x^{61} + x^{58} + x^{56} + x^{53} + x^{52} + x^{48} + x^{47} + x^{46} + x^{45} \\
& + x^{44} + x^{42} + x^{41} + x^{37} + x^{36} + x^{30} + x^{29} + x^{26} + x^{24} + x^{22} + x^{19} \\
& + x^{17} + x^{16} + x^{15} + x^{13} + x^{10} + x^7 + x^6, \\
p_{12}(x) = & x^{147} + x^{146} + x^{145} + x^{144} + x^{143} + x^{141} + x^{139} + x^{137} + x^{135} + x^{133} \\
& + x^{130} + x^{128} + x^{127} + x^{126} + x^{125} + x^{124} + x^{122} + x^{120} + x^{119}
\end{aligned}$$

$$\begin{aligned}
& + x^{118} + x^{117} + x^{116} + x^{114} + x^{112} + x^{83} + x^{82} + x^{81} + x^{80} + x^{79} \\
& + x^{77} + x^{75} + x^{73} + x^{71} + x^{69} + x^{66} + x^{64} + x^{63} + x^{62} + x^{61} + x^{60} \\
& + x^{58} + x^{56} + x^{55} + x^{54} + x^{53} + x^{52} + x^{50} + x^{48} + x^{35} + x^{34} + x^{33} \\
& + x^{32} + x^{31} + x^{29} + x^{27} + x^{25} + x^{23} + x^{21} + x^{18} + x^{16} + x^{15} + x^{14} \\
& + x^{13} + x^{12} + x^{10} + x^8 + x^7 + x^6 + x^5 + x^4 + x^2 + 1,
\end{aligned}$$

and the initial terms are $[0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]$.

For $\phi(W^e, 1, 0)$:

$$\begin{aligned}
p_0(x) &= x^{147} + x^{146} + x^{145} + x^{143} + x^{141} + x^{140} + x^{139} + x^{138} + x^{137} + x^{135} \\
&+ x^{134} + x^{133} + x^{131} + x^{130} + x^{128} + x^{127} + x^{126} + x^{124} + x^{123} \\
&+ x^{121} + x^{117} + x^{116} + x^{113} + x^{112} + x^{111} + x^{109} + x^{108} + x^{103} \\
&+ x^{102} + x^{101} + x^{100} + x^{98} + x^{96} + x^{94} + x^{93} + x^{91} + x^{90} + x^{87} + x^{84} \\
&+ x^{83} + x^{82} + x^{81} + x^{80} + x^{79} + x^{78} + x^{77} + x^{72} + x^{71} + x^{70} + x^{68} \\
&+ x^{66} + x^{64} + x^{58} + x^{52} + x^{51} + x^{50} + x^{48} + x^{47} + x^{46} + x^{43} + x^{41} \\
&+ x^{40} + x^{39} + x^{38} + x^{37} + x^{34} + x^{33}, \\
p_3(x) &= x^{138} + x^{137} + x^{134} + x^{132} + x^{129} + x^{127} + x^{126} + x^{125} + x^{124} + x^{122} \\
&+ x^{121} + x^{118} + x^{116} + x^{113} + x^{111} + x^{110} + x^{109} + x^{107} + x^{103} \\
&+ x^{101} + x^{100} + x^{99} + x^{97} + x^{94} + x^{91} + x^{89} + x^{86} + x^{83} + x^{82} + x^{68} \\
&+ x^{67} + x^{66} + x^{65} + x^{63} + x^{62} + x^{61} + x^{59} + x^{58} + x^{57} + x^{55} + x^{54} \\
&+ x^{53} + x^{52} + x^{50} + x^{49} + x^{46} + x^{44} + x^{42} + x^{39} + x^{37} + x^{36} + x^{35} \\
&+ x^{34} + x^{28} + x^{27} + x^{23} + x^{21} + x^{20} + x^{19} + x^{18}, \\
p_6(x) &= x^{141} + x^{140} + x^{139} + x^{138} + x^{136} + x^{134} + x^{129} + x^{128} + x^{125} + x^{123} \\
&+ x^{122} + x^{120} + x^{119} + x^{114} + x^{111} + x^{110} + x^{107} + x^{103} + x^{98} + x^{97} \\
&+ x^{96} + x^{92} + x^{87} + x^{86} + x^{83} + x^{81} + x^{80} + x^{79} + x^{77} + x^{74} + x^{72} \\
&+ x^{71} + x^{70} + x^{69} + x^{68} + x^{67} + x^{64} + x^{63} + x^{61} + x^{60} + x^{59} + x^{56} \\
&+ x^{55} + x^{50} + x^{49} + x^{48} + x^{47} + x^{46} + x^{44} + x^{42} + x^{41} + x^{40} + x^{37} \\
&+ x^{35} + x^{34} + x^{32} + x^{30} + x^{29} + x^{28} + x^{25} + x^{20} + x^{17} + x^{16} + x^{12}, \\
p_9(x) &= x^{144} + x^{143} + x^{139} + x^{138} + x^{134} + x^{133} + x^{130} + x^{128} + x^{125} + x^{123} \\
&+ x^{122} + x^{121} + x^{119} + x^{118} + x^{117} + x^{116} + x^{108} + x^{107} + x^{103} \\
&+ x^{102} + x^{100} + x^{99} + x^{95} + x^{93} + x^{92} + x^{91} + x^{89} + x^{88} + x^{87} + x^{86} \\
&+ x^{84} + x^{83} + x^{79} + x^{77} + x^{76} + x^{75} + x^{73} + x^{69} + x^{68} + x^{66} + x^{65} \\
&+ x^{64} + x^{63} + x^{61} + x^{58} + x^{56} + x^{53} + x^{52} + x^{48} + x^{47} + x^{46} + x^{45} \\
&+ x^{44} + x^{42} + x^{41} + x^{37} + x^{36} + x^{30} + x^{29} + x^{26} + x^{24} + x^{22} + x^{19} \\
&+ x^{17} + x^{16} + x^{15} + x^{13} + x^{10} + x^7 + x^6, \\
p_{12}(x) &= x^{147} + x^{146} + x^{145} + x^{144} + x^{143} + x^{141} + x^{139} + x^{137} + x^{135} + x^{133} \\
&+ x^{130} + x^{128} + x^{127} + x^{126} + x^{125} + x^{124} + x^{122} + x^{120} + x^{119}
\end{aligned}$$

$$\begin{aligned}
& + x^{118} + x^{117} + x^{116} + x^{114} + x^{112} + x^{83} + x^{82} + x^{81} + x^{80} + x^{79} \\
& + x^{77} + x^{75} + x^{73} + x^{71} + x^{69} + x^{66} + x^{64} + x^{63} + x^{62} + x^{61} + x^{60} \\
& + x^{58} + x^{56} + x^{55} + x^{54} + x^{53} + x^{52} + x^{50} + x^{48} + x^{35} + x^{34} + x^{33} \\
& + x^{32} + x^{31} + x^{29} + x^{27} + x^{25} + x^{23} + x^{21} + x^{18} + x^{16} + x^{15} + x^{14} \\
& + x^{13} + x^{12} + x^{10} + x^8 + x^7 + x^6 + x^5 + x^4 + x^2 + 1,
\end{aligned}$$

and the initial terms are $[0, 0, 1, 1, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 0, 1]$.

For $\phi(W^e, 1, 1)$:

$$\begin{aligned}
p_0(x) &= x^{138} + x^{136} + x^{134} + x^{132} + x^{130} + x^{128} + x^{126} + x^{124} + x^{118} + x^{114} \\
&+ x^{112} + x^{108} + x^{106} + x^{92} + x^{88} + x^{86} + x^{84} + x^{66} + x^{64} + x^{56} + x^{54} \\
&+ x^{50} + x^{42}, \\
p_3(x) &= x^{136} + x^{134} + x^{132} + x^{130} + x^{128} + x^{124} + x^{122} + x^{120} + x^{118} + x^{116} \\
&+ x^{114} + x^{110} + x^{108} + x^{106} + x^{104} + x^{102} + x^{100} + x^{98} + x^{96} + x^{94} \\
&+ x^{92} + x^{90} + x^{86} + x^{82} + x^{78} + x^{76} + x^{74} + x^{72} + x^{66} + x^{64} + x^{60} \\
&+ x^{58} + x^{56} + x^{54} + x^{50} + x^{48} + x^{46} + x^{44} + x^{42} + x^{38} + x^{36} + x^{32} \\
&+ x^{28} + x^{24} + x^{22} + x^{20} + x^{18} + x^{12}, \\
p_6(x) &= x^{136} + x^{134} + x^{130} + x^{124} + x^{120} + x^{116} + x^{112} + x^{108} + x^{106} + x^{104} \\
&+ x^{100} + x^{98} + x^{96} + x^{92} + x^{86} + x^{84} + x^{82} + x^{80} + x^{78} + x^{76} + x^{72} \\
&+ x^{70} + x^{68} + x^{66} + x^{64} + x^{60} + x^{58} + x^{56} + x^{54} + x^{52} + x^{48} + x^{46} \\
&+ x^{44} + x^{36} + x^{34} + x^{30} + x^{16} + x^{12} + x^{10} + x^8 + x^2 + 1, \\
p_9(x) &= x^{136} + x^{134} + x^{132} + x^{128} + x^{126} + x^{124} + x^{118} + x^{116} + x^{106} + x^{104} \\
&+ x^{98} + x^{96} + x^{92} + x^{88} + x^{82} + x^{80} + x^{78} + x^{66} + x^{64} + x^{56} + x^{54} \\
&+ x^{52} + x^{46} + x^{40} + x^{38} + x^{30} + x^{26} + x^{20} + x^{18} + x^{16} + x^8 + x^4, \\
p_{12}(x) &= x^{138} + x^{132} + x^{128} + x^{124} + x^{120} + x^{116} + x^{114} + x^{112} + x^{74} + x^{68} \\
&+ x^{64} + x^{60} + x^{56} + x^{52} + x^{50} + x^{48} + x^{26} + x^{20} + x^{16} + x^{12} + x^8 \\
&+ x^4 + x^2 + 1,
\end{aligned}$$

and the initial terms are $[0, 0, 0, 0, 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0]$.

For $\phi(M^o, 0, 0)$:

$$\begin{aligned}
p_0(x) &= x^{147} + x^{146} + x^{143} + x^{142} + x^{141} + x^{133} + x^{132} + x^{131} + x^{129} + x^{128} \\
&+ x^{127} + x^{126} + x^{124} + x^{123} + x^{120} + x^{118} + x^{117} + x^{116} + x^{115} \\
&+ x^{114} + x^{112} + x^{111} + x^{108} + x^{106} + x^{103} + x^{102} + x^{99} + x^{98} + x^{95} \\
&+ x^{89} + x^{87} + x^{86} + x^{85} + x^{81} + x^{79} + x^{75} + x^{72} + x^{71} + x^{70} + x^{68} \\
&+ x^{67} + x^{61} + x^{59} + x^{56} + x^{55} + x^{51} + x^{46} + x^{45} + x^{44} + x^{43} + x^{41} \\
&+ x^{40} + x^{38} + x^{37} + x^{30} + x^{29} + x^{28} + x^{26} + x^{24}, \\
p_3(x) &= x^{143} + x^{142} + x^{137} + x^{133} + x^{131} + x^{128} + x^{127} + x^{125} + x^{123} + x^{122} \\
&+ x^{118} + x^{114} + x^{107} + x^{105} + x^{103} + x^{101} + x^{98} + x^{97} + x^{96} + x^{93}
\end{aligned}$$

$$\begin{aligned}
& + x^{92} + x^{89} + x^{88} + x^{82} + x^{79} + x^{78} + x^{74} + x^{69} + x^{65} + x^{63} + x^{62} \\
& + x^{60} + x^{59} + x^{57} + x^{56} + x^{54} + x^{51} + x^{49} + x^{47} + x^{45} + x^{43} + x^{41} \\
& + x^{40} + x^{39} + x^{36} + x^{35} + x^{34} + x^{33} + x^{32} + x^{31} + x^{25} + x^{21} + x^{18} \\
& + x^{16}, \\
p_6(x) = & x^{145} + x^{144} + x^{142} + x^{139} + x^{137} + x^{132} + x^{131} + x^{129} + x^{127} + x^{125} \\
& + x^{124} + x^{121} + x^{120} + x^{119} + x^{114} + x^{113} + x^{112} + x^{109} + x^{108} \\
& + x^{106} + x^{105} + x^{104} + x^{103} + x^{96} + x^{87} + x^{85} + x^{80} + x^{77} + x^{76} \\
& + x^{73} + x^{71} + x^{69} + x^{67} + x^{63} + x^{62} + x^{56} + x^{52} + x^{49} + x^{47} + x^{46} \\
& + x^{43} + x^{42} + x^{41} + x^{37} + x^{36} + x^{31} + x^{28} + x^{27} + x^{25} + x^{22} + x^{20} \\
& + x^{18} + x^{16} + x^{15} + x^7 + x^6 + x^5 + x^4 + x^2 + 1, \\
p_9(x) = & x^{143} + x^{142} + x^{141} + x^{140} + x^{139} + x^{137} + x^{135} + x^{133} + x^{131} + x^{129} \\
& + x^{127} + x^{125} + x^{122} + x^{120} + x^{79} + x^{78} + x^{77} + x^{76} + x^{75} + x^{73} \\
& + x^{71} + x^{69} + x^{67} + x^{65} + x^{63} + x^{61} + x^{58} + x^{56} + x^{31} + x^{30} + x^{29} \\
& + x^{28} + x^{27} + x^{25} + x^{23} + x^{21} + x^{19} + x^{17} + x^{15} + x^{13} + x^{10} + x^8, \\
p_{12}(x) = & x^{147} + x^{146} + x^{145} + x^{144} + x^{142} + x^{140} + x^{131} + x^{130} + x^{129} + x^{128} \\
& + x^{126} + x^{124} + x^{119} + x^{118} + x^{117} + x^{116} + x^{114} + x^{112} + x^{83} + x^{82} \\
& + x^{81} + x^{80} + x^{78} + x^{76} + x^{67} + x^{66} + x^{65} + x^{64} + x^{62} + x^{60} + x^{55} \\
& + x^{54} + x^{53} + x^{52} + x^{50} + x^{48} + x^{35} + x^{34} + x^{33} + x^{32} + x^{30} + x^{28} \\
& + x^{19} + x^{18} + x^{17} + x^{16} + x^{14} + x^{12} + x^7 + x^6 + x^5 + x^4 + x^2 + 1,
\end{aligned}$$

and the initial terms are $[1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]$.

For $\phi(M^o, 0, 1)$:

$$\begin{aligned}
p_0(x) = & x^{160} + x^{157} + x^{156} + x^{155} + x^{154} + x^{153} + x^{152} + x^{150} + x^{149} + x^{146} \\
& + x^{143} + x^{142} + x^{140} + x^{138} + x^{137} + x^{136} + x^{130} + x^{129} + x^{126} \\
& + x^{124} + x^{121} + x^{119} + x^{116} + x^{110} + x^{108} + x^{103} + x^{102} + x^{101} \\
& + x^{100} + x^{99} + x^{95} + x^{93} + x^{91} + x^{88} + x^{87} + x^{82} + x^{81} + x^{80} + x^{77} \\
& + x^{76} + x^{72} + x^{71} + x^{69} + x^{68} + x^{67} + x^{66} + x^{65} + x^{64} + x^{62} + x^{58} \\
& + x^{56} + x^{54} + x^{51} + x^{50} + x^{49} + x^{48} + x^{45} + x^{43} + x^{40} + x^{38} + x^{37} \\
& + x^{36} + x^{33}, \\
p_3(x) = & x^{151} + x^{145} + x^{144} + x^{143} + x^{142} + x^{141} + x^{137} + x^{135} + x^{134} + x^{132} \\
& + x^{131} + x^{130} + x^{129} + x^{128} + x^{127} + x^{126} + x^{124} + x^{123} + x^{118} \\
& + x^{115} + x^{114} + x^{113} + x^{112} + x^{110} + x^{109} + x^{104} + x^{101} + x^{100} \\
& + x^{99} + x^{98} + x^{96} + x^{95} + x^{90} + x^{87} + x^{86} + x^{85} + x^{84} + x^{82} + x^{81} \\
& + x^{79} + x^{76} + x^{69} + x^{68} + x^{67} + x^{65} + x^{60} + x^{57} + x^{56} + x^{54} + x^{52} \\
& + x^{51} + x^{49} + x^{48} + x^{45} + x^{43} + x^{42} + x^{41} + x^{39} + x^{38} + x^{36} + x^{35} \\
& + x^{34} + x^{33} + x^{32} + x^{31} + x^{30} + x^{28} + x^{27} + x^{23} + x^{22} + x^{19} + x^{18},
\end{aligned}$$

$$\begin{aligned}
p_6(x) &= x^{154} + x^{140} + x^{138} + x^{136} + x^{130} + x^{128} + x^{126} + x^{124} + x^{122} + x^{118} \\
&\quad + x^{110} + x^{108} + x^{106} + x^{100} + x^{92} + x^{90} + x^{84} + x^{82} + x^{80} + x^{78} \\
&\quad + x^{74} + x^{68} + x^{64} + x^{58} + x^{48} + x^{44} + x^{40} + x^{36} + x^{34} + x^{30} + x^{14} \\
&\quad + x^{12}, \\
p_9(x) &= x^{157} + x^{151} + x^{150} + x^{149} + x^{148} + x^{147} + x^{145} + x^{140} + x^{136} + x^{134} \\
&\quad + x^{133} + x^{132} + x^{130} + x^{126} + x^{125} + x^{124} + x^{123} + x^{122} + x^{121} \\
&\quad + x^{120} + x^{119} + x^{118} + x^{93} + x^{87} + x^{86} + x^{85} + x^{84} + x^{83} + x^{81} + x^{76} \\
&\quad + x^{72} + x^{70} + x^{69} + x^{68} + x^{66} + x^{62} + x^{61} + x^{60} + x^{59} + x^{58} + x^{57} \\
&\quad + x^{56} + x^{55} + x^{54} + x^{45} + x^{39} + x^{38} + x^{37} + x^{36} + x^{35} + x^{33} + x^{28} \\
&\quad + x^{24} + x^{22} + x^{21} + x^{20} + x^{18} + x^{14} + x^{13} + x^{12} + x^{11} + x^{10} + x^9 \\
&\quad + x^8 + x^7 + x^6, \\
p_{12}(x) &= x^{160} + x^{148} + x^{140} + x^{128} + x^{124} + x^{120} + x^{116} + x^{112} + x^{96} + x^{84} \\
&\quad + x^{76} + x^{64} + x^{60} + x^{56} + x^{52} + x^{36} + x^{28} + x^{16} + x^{12} + x^8 + x^4 + 1,
\end{aligned}$$

and the initial terms are $[0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]$.

For $\phi(M^o, 1, 0)$:

$$\begin{aligned}
p_0(x) &= x^{148} + x^{145} + x^{143} + x^{139} + x^{137} + x^{136} + x^{135} + x^{132} + x^{131} + x^{129} \\
&\quad + x^{128} + x^{125} + x^{124} + x^{122} + x^{121} + x^{120} + x^{117} + x^{116} + x^{114} \\
&\quad + x^{113} + x^{110} + x^{106} + x^{105} + x^{103} + x^{101} + x^{100} + x^{99} + x^{98} + x^{96} \\
&\quad + x^{92} + x^{91} + x^{87} + x^{86} + x^{79} + x^{78} + x^{75} + x^{70} + x^{69} + x^{67} + x^{62} \\
&\quad + x^{57} + x^{56} + x^{55} + x^{54} + x^{52} + x^{51} + x^{49} + x^{46} + x^{45} + x^{41} + x^{40} \\
&\quad + x^{37} + x^{36} + x^{35} + x^{34} + x^{33}, \\
p_3(x) &= x^{139} + x^{135} + x^{133} + x^{132} + x^{130} + x^{128} + x^{126} + x^{125} + x^{124} + x^{121} \\
&\quad + x^{118} + x^{117} + x^{114} + x^{113} + x^{111} + x^{109} + x^{105} + x^{100} + x^{98} + x^{97} \\
&\quad + x^{96} + x^{94} + x^{93} + x^{91} + x^{90} + x^{88} + x^{87} + x^{85} + x^{84} + x^{82} + x^{81} \\
&\quad + x^{79} + x^{78} + x^{76} + x^{73} + x^{72} + x^{71} + x^{70} + x^{68} + x^{62} + x^{61} + x^{60} \\
&\quad + x^{59} + x^{56} + x^{54} + x^{53} + x^{52} + x^{49} + x^{46} + x^{45} + x^{43} + x^{42} + x^{41} \\
&\quad + x^{36} + x^{35} + x^{34} + x^{33} + x^{32} + x^{31} + x^{30} + x^{28} + x^{27} + x^{23} + x^{22} \\
&\quad + x^{19} + x^{18}, \\
p_6(x) &= x^{142} + x^{138} + x^{134} + x^{130} + x^{128} + x^{126} + x^{118} + x^{116} + x^{114} + x^{112} \\
&\quad + x^{110} + x^{108} + x^{106} + x^{98} + x^{94} + x^{92} + x^{88} + x^{86} + x^{84} + x^{80} + x^{78} \\
&\quad + x^{76} + x^{74} + x^{72} + x^{70} + x^{68} + x^{64} + x^{62} + x^{58} + x^{54} + x^{52} + x^{46} \\
&\quad + x^{40} + x^{38} + x^{32} + x^{30} + x^{14} + x^{12}, \\
p_9(x) &= x^{145} + x^{141} + x^{139} + x^{138} + x^{136} + x^{134} + x^{133} + x^{132} + x^{130} + x^{126} \\
&\quad + x^{125} + x^{124} + x^{123} + x^{122} + x^{121} + x^{120} + x^{119} + x^{118} + x^{81} + x^{77} \\
&\quad + x^{75} + x^{74} + x^{72} + x^{70} + x^{69} + x^{68} + x^{66} + x^{62} + x^{61} + x^{60} + x^{59}
\end{aligned}$$

$$\begin{aligned}
& + x^{58} + x^{57} + x^{56} + x^{55} + x^{54} + x^{33} + x^{29} + x^{27} + x^{26} + x^{24} + x^{22} \\
& + x^{21} + x^{20} + x^{18} + x^{14} + x^{13} + x^{12} + x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6, \\
p_{12}(x) = & x^{148} + x^{144} + x^{140} + x^{132} + x^{128} + x^{124} + x^{120} + x^{116} + x^{112} + x^{84} \\
& + x^{80} + x^{76} + x^{68} + x^{64} + x^{60} + x^{56} + x^{52} + x^{48} + x^{36} + x^{32} + x^{28} \\
& + x^{20} + x^{16} + x^{12} + x^8 + x^4 + 1,
\end{aligned}$$

and the initial terms are $[0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]$.

For $\phi(M^o, 1, 1)$:

$$\begin{aligned}
p_0(x) = & x^{147} + x^{146} + x^{141} + x^{138} + x^{134} + x^{132} + x^{131} + x^{130} + x^{124} + x^{123} \\
& + x^{122} + x^{120} + x^{119} + x^{115} + x^{114} + x^{113} + x^{111} + x^{110} + x^{109} \\
& + x^{105} + x^{104} + x^{103} + x^{102} + x^{101} + x^{100} + x^{98} + x^{94} + x^{93} + x^{90} \\
& + x^{87} + x^{86} + x^{81} + x^{80} + x^{79} + x^{78} + x^{77} + x^{76} + x^{75} + x^{74} + x^{71} \\
& + x^{70} + x^{69} + x^{68} + x^{66} + x^{65} + x^{64} + x^{62} + x^{60} + x^{56} + x^{55} + x^{54} \\
& + x^{48} + x^{47} + x^{46} + x^{45} + x^{43} + x^{42}, \\
p_3(x) = & x^{143} + x^{142} + x^{139} + x^{138} + x^{137} + x^{134} + x^{133} + x^{130} + x^{129} + x^{125} \\
& + x^{124} + x^{122} + x^{115} + x^{113} + x^{112} + x^{111} + x^{109} + x^{107} + x^{106} \\
& + x^{102} + x^{99} + x^{98} + x^{97} + x^{94} + x^{91} + x^{90} + x^{89} + x^{86} + x^{85} + x^{84} \\
& + x^{82} + x^{80} + x^{79} + x^{78} + x^{74} + x^{68} + x^{67} + x^{66} + x^{62} + x^{61} + x^{60} \\
& + x^{56} + x^{55} + x^{54} + x^{52} + x^{49} + x^{47} + x^{46} + x^{45} + x^{43} + x^{38} + x^{37} \\
& + x^{36} + x^{35} + x^{33} + x^{31} + x^{29} + x^{28} + x^{23} + x^{22}, \\
p_6(x) = & x^{145} + x^{144} + x^{143} + x^{137} + x^{135} + x^{133} + x^{131} + x^{130} + x^{126} + x^{125} \\
& + x^{123} + x^{121} + x^{120} + x^{113} + x^{112} + x^{106} + x^{104} + x^{103} + x^{101} \\
& + x^{97} + x^{96} + x^{95} + x^{94} + x^{93} + x^{91} + x^{89} + x^{87} + x^{86} + x^{77} + x^{76} \\
& + x^{73} + x^{70} + x^{68} + x^{64} + x^{62} + x^{61} + x^{60} + x^{58} + x^{57} + x^{56} + x^{55} \\
& + x^{54} + x^{50} + x^{48} + x^{44} + x^{42} + x^{41} + x^{39} + x^{37} + x^{36} + x^{34} + x^{33} \\
& + x^{32} + x^{31} + x^{29} + x^{28} + x^{26} + x^{25} + x^{24} + x^{20} + x^{19} + x^{16} + x^{13} \\
& + x^{12} + x^{10} + x^8 + x^7 + x^6 + x^5 + x^4 + x^2 + 1, \\
p_9(x) = & x^{143} + x^{142} + x^{141} + x^{140} + x^{139} + x^{137} + x^{135} + x^{133} + x^{131} + x^{129} \\
& + x^{127} + x^{125} + x^{122} + x^{120} + x^{79} + x^{78} + x^{77} + x^{76} + x^{75} + x^{73} \\
& + x^{71} + x^{69} + x^{67} + x^{65} + x^{63} + x^{61} + x^{58} + x^{56} + x^{31} + x^{30} + x^{29} \\
& + x^{28} + x^{27} + x^{25} + x^{23} + x^{21} + x^{19} + x^{17} + x^{15} + x^{13} + x^{10} + x^8, \\
p_{12}(x) = & x^{147} + x^{146} + x^{145} + x^{144} + x^{142} + x^{140} + x^{131} + x^{130} + x^{129} + x^{128} \\
& + x^{126} + x^{124} + x^{119} + x^{118} + x^{117} + x^{116} + x^{114} + x^{112} + x^{83} + x^{82} \\
& + x^{81} + x^{80} + x^{78} + x^{76} + x^{67} + x^{66} + x^{65} + x^{64} + x^{62} + x^{60} + x^{55} \\
& + x^{54} + x^{53} + x^{52} + x^{50} + x^{48} + x^{35} + x^{34} + x^{33} + x^{32} + x^{30} + x^{28} \\
& + x^{19} + x^{18} + x^{17} + x^{16} + x^{14} + x^{12} + x^7 + x^6 + x^5 + x^4 + x^2 + 1,
\end{aligned}$$

and the initial terms are $[0, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]$.

For $\phi(W^o, 0, 0)$:

$$\begin{aligned}
p_0(x) &= x^{147} + x^{146} + x^{143} + x^{142} + x^{141} + x^{133} + x^{132} + x^{131} + x^{129} + x^{128} \\
&\quad + x^{127} + x^{126} + x^{124} + x^{123} + x^{120} + x^{118} + x^{117} + x^{116} + x^{115} \\
&\quad + x^{114} + x^{112} + x^{111} + x^{108} + x^{106} + x^{103} + x^{102} + x^{99} + x^{98} + x^{95} \\
&\quad + x^{89} + x^{87} + x^{86} + x^{85} + x^{81} + x^{79} + x^{75} + x^{72} + x^{71} + x^{70} + x^{68} \\
&\quad + x^{67} + x^{61} + x^{59} + x^{56} + x^{55} + x^{51} + x^{46} + x^{45} + x^{44} + x^{43} + x^{41} \\
&\quad + x^{40} + x^{38} + x^{37} + x^{30} + x^{29} + x^{28} + x^{26} + x^{24}, \\
p_3(x) &= x^{143} + x^{142} + x^{137} + x^{133} + x^{131} + x^{128} + x^{127} + x^{125} + x^{123} + x^{122} \\
&\quad + x^{118} + x^{114} + x^{107} + x^{105} + x^{103} + x^{101} + x^{98} + x^{97} + x^{96} + x^{93} \\
&\quad + x^{92} + x^{89} + x^{88} + x^{82} + x^{79} + x^{78} + x^{74} + x^{69} + x^{65} + x^{63} + x^{62} \\
&\quad + x^{60} + x^{59} + x^{57} + x^{56} + x^{54} + x^{51} + x^{49} + x^{47} + x^{45} + x^{43} + x^{41} \\
&\quad + x^{40} + x^{39} + x^{36} + x^{35} + x^{34} + x^{33} + x^{32} + x^{31} + x^{25} + x^{21} + x^{18} \\
&\quad + x^{16}, \\
p_6(x) &= x^{145} + x^{144} + x^{142} + x^{139} + x^{137} + x^{132} + x^{131} + x^{129} + x^{127} + x^{125} \\
&\quad + x^{124} + x^{121} + x^{120} + x^{119} + x^{114} + x^{113} + x^{112} + x^{109} + x^{108} \\
&\quad + x^{106} + x^{105} + x^{104} + x^{103} + x^{96} + x^{87} + x^{85} + x^{80} + x^{77} + x^{76} \\
&\quad + x^{73} + x^{71} + x^{69} + x^{67} + x^{63} + x^{62} + x^{56} + x^{52} + x^{49} + x^{47} + x^{46} \\
&\quad + x^{43} + x^{42} + x^{41} + x^{37} + x^{36} + x^{31} + x^{28} + x^{27} + x^{25} + x^{22} + x^{20} \\
&\quad + x^{18} + x^{16} + x^{15} + x^7 + x^6 + x^5 + x^4 + x^2 + 1, \\
p_9(x) &= x^{143} + x^{142} + x^{141} + x^{140} + x^{139} + x^{137} + x^{135} + x^{133} + x^{131} + x^{129} \\
&\quad + x^{127} + x^{125} + x^{122} + x^{120} + x^{79} + x^{78} + x^{77} + x^{76} + x^{75} + x^{73} \\
&\quad + x^{71} + x^{69} + x^{67} + x^{65} + x^{63} + x^{61} + x^{58} + x^{56} + x^{31} + x^{30} + x^{29} \\
&\quad + x^{28} + x^{27} + x^{25} + x^{23} + x^{21} + x^{19} + x^{17} + x^{15} + x^{13} + x^{10} + x^8, \\
p_{12}(x) &= x^{147} + x^{146} + x^{145} + x^{144} + x^{142} + x^{140} + x^{131} + x^{130} + x^{129} + x^{128} \\
&\quad + x^{126} + x^{124} + x^{119} + x^{118} + x^{117} + x^{116} + x^{114} + x^{112} + x^{83} + x^{82} \\
&\quad + x^{81} + x^{80} + x^{78} + x^{76} + x^{67} + x^{66} + x^{65} + x^{64} + x^{62} + x^{60} + x^{55} \\
&\quad + x^{54} + x^{53} + x^{52} + x^{50} + x^{48} + x^{35} + x^{34} + x^{33} + x^{32} + x^{30} + x^{28} \\
&\quad + x^{19} + x^{18} + x^{17} + x^{16} + x^{14} + x^{12} + x^7 + x^6 + x^5 + x^4 + x^2 + 1,
\end{aligned}$$

and the initial terms are $[1, 0, 0, 0, 1, 0, 1, 1, 0, 1, 0, 1, 1, 0, 0, 0]$.

For $\phi(W^o, 0, 1)$:

$$\begin{aligned}
p_0(x) &= x^{148} + x^{145} + x^{143} + x^{139} + x^{137} + x^{136} + x^{135} + x^{132} + x^{131} + x^{129} \\
&\quad + x^{128} + x^{125} + x^{124} + x^{122} + x^{121} + x^{120} + x^{117} + x^{116} + x^{114} \\
&\quad + x^{113} + x^{110} + x^{106} + x^{105} + x^{103} + x^{101} + x^{100} + x^{99} + x^{98} + x^{96} \\
&\quad + x^{92} + x^{91} + x^{87} + x^{86} + x^{79} + x^{78} + x^{75} + x^{70} + x^{69} + x^{67} + x^{62}
\end{aligned}$$

$$\begin{aligned}
& + x^{57} + x^{56} + x^{55} + x^{54} + x^{52} + x^{51} + x^{49} + x^{46} + x^{45} + x^{41} + x^{40} \\
& + x^{37} + x^{36} + x^{35} + x^{34} + x^{33}, \\
p_3(x) = & x^{139} + x^{135} + x^{133} + x^{132} + x^{130} + x^{128} + x^{126} + x^{125} + x^{124} + x^{121} \\
& + x^{118} + x^{117} + x^{114} + x^{113} + x^{111} + x^{109} + x^{105} + x^{100} + x^{98} + x^{97} \\
& + x^{96} + x^{94} + x^{93} + x^{91} + x^{90} + x^{88} + x^{87} + x^{85} + x^{84} + x^{82} + x^{81} \\
& + x^{79} + x^{78} + x^{76} + x^{73} + x^{72} + x^{71} + x^{70} + x^{68} + x^{62} + x^{61} + x^{60} \\
& + x^{59} + x^{56} + x^{54} + x^{53} + x^{52} + x^{49} + x^{46} + x^{45} + x^{43} + x^{42} + x^{41} \\
& + x^{36} + x^{35} + x^{34} + x^{33} + x^{32} + x^{31} + x^{30} + x^{28} + x^{27} + x^{23} + x^{22} \\
& + x^{19} + x^{18}, \\
p_6(x) = & x^{142} + x^{138} + x^{134} + x^{130} + x^{128} + x^{126} + x^{118} + x^{116} + x^{114} + x^{112} \\
& + x^{110} + x^{108} + x^{106} + x^{98} + x^{94} + x^{92} + x^{88} + x^{86} + x^{84} + x^{80} + x^{78} \\
& + x^{76} + x^{74} + x^{72} + x^{70} + x^{68} + x^{64} + x^{62} + x^{58} + x^{54} + x^{52} + x^{46} \\
& + x^{40} + x^{38} + x^{32} + x^{30} + x^{14} + x^{12}, \\
p_9(x) = & x^{145} + x^{141} + x^{139} + x^{138} + x^{136} + x^{134} + x^{133} + x^{132} + x^{130} + x^{126} \\
& + x^{125} + x^{124} + x^{123} + x^{122} + x^{121} + x^{120} + x^{119} + x^{118} + x^{81} + x^{77} \\
& + x^{75} + x^{74} + x^{72} + x^{70} + x^{69} + x^{68} + x^{66} + x^{62} + x^{61} + x^{60} + x^{59} \\
& + x^{58} + x^{57} + x^{56} + x^{55} + x^{54} + x^{33} + x^{29} + x^{27} + x^{26} + x^{24} + x^{22} \\
& + x^{21} + x^{20} + x^{18} + x^{14} + x^{13} + x^{12} + x^{11} + x^{10} + x^9 + x^8 + x^7 + x^6, \\
p_{12}(x) = & x^{148} + x^{144} + x^{140} + x^{132} + x^{128} + x^{124} + x^{120} + x^{116} + x^{112} + x^{84} \\
& + x^{80} + x^{76} + x^{68} + x^{64} + x^{60} + x^{56} + x^{52} + x^{48} + x^{36} + x^{32} + x^{28} \\
& + x^{20} + x^{16} + x^{12} + x^8 + x^4 + 1,
\end{aligned}$$

and the initial terms are $[0, 0, 1, 1, 0, 1, 0, 1, 0, 1, 1, 0, 1, 1, 0, 1]$.

For $\phi(W^o, 1, 0)$:

$$\begin{aligned}
p_0(x) = & x^{160} + x^{157} + x^{156} + x^{155} + x^{154} + x^{153} + x^{152} + x^{150} + x^{149} + x^{146} \\
& + x^{143} + x^{142} + x^{140} + x^{138} + x^{137} + x^{136} + x^{130} + x^{129} + x^{126} \\
& + x^{124} + x^{121} + x^{119} + x^{116} + x^{110} + x^{108} + x^{103} + x^{102} + x^{101} \\
& + x^{100} + x^{99} + x^{95} + x^{93} + x^{91} + x^{88} + x^{87} + x^{82} + x^{81} + x^{80} + x^{77} \\
& + x^{76} + x^{72} + x^{71} + x^{69} + x^{68} + x^{67} + x^{66} + x^{65} + x^{64} + x^{62} + x^{58} \\
& + x^{56} + x^{54} + x^{51} + x^{50} + x^{49} + x^{48} + x^{45} + x^{43} + x^{40} + x^{38} + x^{37} \\
& + x^{36} + x^{33}, \\
p_3(x) = & x^{151} + x^{145} + x^{144} + x^{143} + x^{142} + x^{141} + x^{137} + x^{135} + x^{134} + x^{132} \\
& + x^{131} + x^{130} + x^{129} + x^{128} + x^{127} + x^{126} + x^{124} + x^{123} + x^{118} \\
& + x^{115} + x^{114} + x^{113} + x^{112} + x^{110} + x^{109} + x^{104} + x^{101} + x^{100} \\
& + x^{99} + x^{98} + x^{96} + x^{95} + x^{90} + x^{87} + x^{86} + x^{85} + x^{84} + x^{82} + x^{81} \\
& + x^{79} + x^{76} + x^{69} + x^{68} + x^{67} + x^{65} + x^{60} + x^{57} + x^{56} + x^{54} + x^{52}
\end{aligned}$$

$$\begin{aligned}
& + x^{51} + x^{49} + x^{48} + x^{45} + x^{43} + x^{42} + x^{41} + x^{39} + x^{38} + x^{36} + x^{35} \\
& + x^{34} + x^{33} + x^{32} + x^{31} + x^{30} + x^{28} + x^{27} + x^{23} + x^{22} + x^{19} + x^{18}, \\
p_6(x) = & x^{154} + x^{140} + x^{138} + x^{136} + x^{130} + x^{128} + x^{126} + x^{124} + x^{122} + x^{118} \\
& + x^{110} + x^{108} + x^{106} + x^{100} + x^{92} + x^{90} + x^{84} + x^{82} + x^{80} + x^{78} \\
& + x^{74} + x^{68} + x^{64} + x^{58} + x^{48} + x^{44} + x^{40} + x^{36} + x^{34} + x^{30} + x^{14} \\
& + x^{12}, \\
p_9(x) = & x^{157} + x^{151} + x^{150} + x^{149} + x^{148} + x^{147} + x^{145} + x^{140} + x^{136} + x^{134} \\
& + x^{133} + x^{132} + x^{130} + x^{126} + x^{125} + x^{124} + x^{123} + x^{122} + x^{121} \\
& + x^{120} + x^{119} + x^{118} + x^{93} + x^{87} + x^{86} + x^{85} + x^{84} + x^{83} + x^{81} + x^{76} \\
& + x^{72} + x^{70} + x^{69} + x^{68} + x^{66} + x^{62} + x^{61} + x^{60} + x^{59} + x^{58} + x^{57} \\
& + x^{56} + x^{55} + x^{54} + x^{45} + x^{39} + x^{38} + x^{37} + x^{36} + x^{35} + x^{33} + x^{28} \\
& + x^{24} + x^{22} + x^{21} + x^{20} + x^{18} + x^{14} + x^{13} + x^{12} + x^{11} + x^{10} + x^9 \\
& + x^8 + x^7 + x^6, \\
p_{12}(x) = & x^{160} + x^{148} + x^{140} + x^{128} + x^{124} + x^{120} + x^{116} + x^{112} + x^{96} + x^{84} \\
& + x^{76} + x^{64} + x^{60} + x^{56} + x^{52} + x^{36} + x^{28} + x^{16} + x^{12} + x^8 + x^4 + 1,
\end{aligned}$$

and the initial terms are $[0, 0, 0, 0, 0, 1, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0]$.

For $\phi(W^o, 1, 1)$:

$$\begin{aligned}
p_0(x) = & x^{147} + x^{146} + x^{141} + x^{138} + x^{134} + x^{132} + x^{131} + x^{130} + x^{124} + x^{123} \\
& + x^{122} + x^{120} + x^{119} + x^{115} + x^{114} + x^{113} + x^{111} + x^{110} + x^{109} \\
& + x^{105} + x^{104} + x^{103} + x^{102} + x^{101} + x^{100} + x^{98} + x^{94} + x^{93} + x^{90} \\
& + x^{87} + x^{86} + x^{81} + x^{80} + x^{79} + x^{78} + x^{77} + x^{76} + x^{75} + x^{74} + x^{71} \\
& + x^{70} + x^{69} + x^{68} + x^{66} + x^{65} + x^{64} + x^{62} + x^{60} + x^{56} + x^{55} + x^{54} \\
& + x^{48} + x^{47} + x^{46} + x^{45} + x^{43} + x^{42}, \\
p_3(x) = & x^{143} + x^{142} + x^{139} + x^{138} + x^{137} + x^{134} + x^{133} + x^{130} + x^{129} + x^{125} \\
& + x^{124} + x^{122} + x^{115} + x^{113} + x^{112} + x^{111} + x^{109} + x^{107} + x^{106} \\
& + x^{102} + x^{99} + x^{98} + x^{97} + x^{94} + x^{91} + x^{90} + x^{89} + x^{86} + x^{85} + x^{84} \\
& + x^{82} + x^{80} + x^{79} + x^{78} + x^{74} + x^{68} + x^{67} + x^{66} + x^{62} + x^{61} + x^{60} \\
& + x^{56} + x^{55} + x^{54} + x^{52} + x^{49} + x^{47} + x^{46} + x^{45} + x^{43} + x^{38} + x^{37} \\
& + x^{36} + x^{35} + x^{33} + x^{31} + x^{29} + x^{28} + x^{23} + x^{22}, \\
p_6(x) = & x^{145} + x^{144} + x^{143} + x^{137} + x^{135} + x^{133} + x^{131} + x^{130} + x^{126} + x^{125} \\
& + x^{123} + x^{121} + x^{120} + x^{113} + x^{112} + x^{106} + x^{104} + x^{103} + x^{101} \\
& + x^{97} + x^{96} + x^{95} + x^{94} + x^{93} + x^{91} + x^{89} + x^{87} + x^{86} + x^{77} + x^{76} \\
& + x^{73} + x^{70} + x^{68} + x^{64} + x^{62} + x^{61} + x^{60} + x^{58} + x^{57} + x^{56} + x^{55} \\
& + x^{54} + x^{50} + x^{48} + x^{44} + x^{42} + x^{41} + x^{39} + x^{37} + x^{36} + x^{34} + x^{33} \\
& + x^{32} + x^{31} + x^{29} + x^{28} + x^{26} + x^{25} + x^{24} + x^{20} + x^{19} + x^{16} + x^{13}
\end{aligned}$$

$$\begin{aligned}
& + x^{12} + x^{10} + x^8 + x^7 + x^6 + x^5 + x^4 + x^2 + 1, \\
p_9(x) = & x^{143} + x^{142} + x^{141} + x^{140} + x^{139} + x^{137} + x^{135} + x^{133} + x^{131} + x^{129} \\
& + x^{127} + x^{125} + x^{122} + x^{120} + x^{79} + x^{78} + x^{77} + x^{76} + x^{75} + x^{73} \\
& + x^{71} + x^{69} + x^{67} + x^{65} + x^{63} + x^{61} + x^{58} + x^{56} + x^{31} + x^{30} + x^{29} \\
& + x^{28} + x^{27} + x^{25} + x^{23} + x^{21} + x^{19} + x^{17} + x^{15} + x^{13} + x^{10} + x^8, \\
p_{12}(x) = & x^{147} + x^{146} + x^{145} + x^{144} + x^{142} + x^{140} + x^{131} + x^{130} + x^{129} + x^{128} \\
& + x^{126} + x^{124} + x^{119} + x^{118} + x^{117} + x^{116} + x^{114} + x^{112} + x^{83} + x^{82} \\
& + x^{81} + x^{80} + x^{78} + x^{76} + x^{67} + x^{66} + x^{65} + x^{64} + x^{62} + x^{60} + x^{55} \\
& + x^{54} + x^{53} + x^{52} + x^{50} + x^{48} + x^{35} + x^{34} + x^{33} + x^{32} + x^{30} + x^{28} \\
& + x^{19} + x^{18} + x^{17} + x^{16} + x^{14} + x^{12} + x^7 + x^6 + x^5 + x^4 + x^2 + 1,
\end{aligned}$$

and the initial terms are $[0, 0, 0, 0, 0, 0, 0, 1, 0, 1, 0, 1, 1, 0, 0, 0]$.

Below is the transition function and output function of an 2-automaton that generates $T = M_{0,0}^o$:

Transition function $(n, j) \mapsto \delta(n, j)$ ($\Lambda(n) := [\delta(n, 0), \delta(n, 1)]$):

n	$\Lambda(n)$	n	$\Lambda(n)$	n	$\Lambda(n)$	n	$\Lambda(n)$
0	[1, 2]	3462	[5915, 5916]	6924	[9795, 9268]	10386	[6688, 12236]
1	[3, 4]	3463	[5917, 5918]	6925	[4027, 9796]	10387	[11505, 2350]
2	[5, 6]	3464	[5919, 5920]	6926	[4063, 9797]	10388	[5746, 12237]
3	[7, 8]	3465	[5921, 5922]	6927	[427, 8937]	10389	[12238, 740]
4	[9, 10]	3466	[5923, 5924]	6928	[9798, 3799]	10390	[12239, 3049]
5	[11, 12]	3467	[2346, 5925]	6929	[9799, 9800]	10391	[628, 6090]
6	[13, 14]	3468	[2450, 5926]	6930	[9801, 4860]	10392	[12240, 2352]
7	[15, 16]	3469	[5927, 5928]	6931	[9453, 5002]	10393	[2558, 12241]
8	[17, 18]	3470	[934, 5929]	6932	[3949, 9802]	10394	[11946, 2407]
9	[19, 20]	3471	[1983, 643]	6933	[3951, 5145]	10395	[2583, 12242]
10	[21, 22]	3472	[826, 5930]	6934	[9803, 9804]	10396	[3153, 5753]
11	[23, 24]	3473	[731, 5931]	6935	[4120, 8419]	10397	[6261, 536]
12	[25, 26]	3474	[5932, 955]	6936	[5046, 9805]	10398	[12091, 6866]
13	[27, 28]	3475	[5933, 5934]	6937	[9780, 1461]	10399	[3107, 7475]
14	[29, 30]	3476	[5935, 5936]	6938	[9806, 9807]	10400	[7106, 11338]
15	[31, 32]	3477	[2075, 5937]	6939	[9808, 9809]	10401	[2939, 11851]
16	[33, 34]	3478	[2778, 724]	6940	[9530, 3733]	10402	[642, 3177]
17	[35, 36]	3479	[5750, 5938]	6941	[9810, 5381]	10403	[7796, 11877]
18	[37, 38]	3480	[5939, 5940]	6942	[9811, 9324]	10404	[5882, 12128]
19	[39, 40]	3481	[3192, 5941]	6943	[9812, 9813]	10405	[8018, 12243]
20	[41, 42]	3482	[5942, 3004]	6944	[1319, 3506]	10406	[3254, 12244]
21	[43, 44]	3483	[5943, 5944]	6945	[9713, 9747]	10407	[12245, 12246]
22	[45, 46]	3484	[5945, 5946]	6946	[9814, 9815]	10408	[246, 12247]
23	[47, 48]	3485	[543, 5947]	6947	[9816, 406]	10409	[165, 7313]
24	[49, 50]	3486	[5948, 5949]	6948	[9817, 4402]	10410	[2922, 8064]
25	[51, 52]	3487	[5950, 5951]	6949	[4000, 9457]	10411	[7552, 6558]

26	[53, 54]	3488	[5952, 5953]	6950	[9818, 9458]	10412	[6088, 45]
27	[55, 56]	3489	[3188, 5954]	6951	[9819, 5512]	10413	[11752, 6711]
28	[57, 58]	3490	[5955, 5956]	6952	[9820, 8313]	10414	[11791, 6333]
29	[59, 60]	3491	[5957, 5958]	6953	[9821, 9822]	10415	[12217, 7419]
30	[61, 62]	3492	[5959, 5960]	6954	[9104, 9823]	10416	[11535, 7988]
31	[63, 64]	3493	[5961, 3226]	6955	[9106, 9265]	10417	[3209, 6073]
32	[65, 66]	3494	[5962, 2175]	6956	[8803, 9824]	10418	[12248, 5799]
33	[67, 68]	3495	[5963, 5964]	6957	[9825, 9826]	10419	[12216, 11209]
34	[69, 70]	3496	[5965, 2733]	6958	[9792, 9827]	10420	[212, 6488]
35	[71, 72]	3497	[3255, 5924]	6959	[9828, 9829]	10421	[11295, 8159]
36	[73, 74]	3498	[5966, 5876]	6960	[9830, 5718]	10422	[7579, 814]
37	[75, 76]	3499	[5967, 5846]	6961	[3410, 4842]	10423	[8051, 6998]
38	[77, 78]	3500	[5968, 5969]	6962	[9831, 9832]	10424	[12249, 12137]
39	[79, 80]	3501	[5970, 2555]	6963	[9833, 9834]	10425	[2766, 11554]
40	[81, 82]	3502	[5971, 5972]	6964	[9835, 9836]	10426	[12250, 7414]
41	[83, 84]	3503	[169, 532]	6965	[9837, 9838]	10427	[11982, 12251]
42	[85, 86]	3504	[5973, 5974]	6966	[8524, 9524]	10428	[12252, 2052]
43	[87, 88]	3505	[5975, 2514]	6967	[5481, 9839]	10429	[11509, 765]
44	[89, 90]	3506	[2333, 2689]	6968	[9840, 9841]	10430	[7120, 6282]
45	[91, 92]	3507	[5976, 944]	6969	[9842, 4759]	10431	[5812, 1895]
46	[93, 94]	3508	[5977, 5978]	6970	[1464, 9843]	10432	[6091, 11475]
47	[95, 96]	3509	[2484, 5979]	6971	[4644, 4390]	10433	[12253, 2762]
48	[97, 98]	3510	[5980, 5981]	6972	[9844, 9814]	10434	[11129, 12214]
49	[99, 100]	3511	[5982, 5983]	6973	[4611, 8658]	10435	[2057, 809]
50	[101, 102]	3512	[560, 5984]	6974	[5678, 3613]	10436	[6193, 8124]
51	[103, 104]	3513	[5985, 190]	6975	[9845, 9846]	10437	[6352, 12254]
52	[105, 106]	3514	[5986, 5987]	6976	[9847, 9848]	10438	[6538, 6620]
53	[107, 108]	3515	[2684, 2948]	6977	[5631, 9849]	10439	[6726, 818]
54	[109, 110]	3516	[2823, 5988]	6978	[9850, 9851]	10440	[2699, 792]
55	[111, 112]	3517	[5989, 5990]	6979	[4369, 9852]	10441	[11733, 12182]
56	[113, 114]	3518	[5991, 5992]	6980	[3373, 4165]	10442	[11978, 7523]
57	[115, 116]	3519	[5993, 5994]	6981	[8450, 9853]	10443	[11921, 6712]
58	[117, 118]	3520	[2958, 5995]	6982	[9854, 9855]	10444	[11545, 2823]
59	[119, 120]	3521	[2719, 130]	6983	[8187, 9856]	10445	[2526, 6708]
60	[121, 122]	3522	[5996, 5997]	6984	[9857, 8585]	10446	[12255, 7110]
61	[123, 124]	3523	[589, 2570]	6985	[9858, 9859]	10447	[185, 11433]
62	[125, 126]	3524	[2991, 3099]	6986	[9860, 9861]	10448	[12256, 2087]
63	[127, 128]	3525	[2355, 2406]	6987	[9635, 9862]	10449	[12257, 11943]
64	[129, 130]	3526	[3132, 201]	6988	[9863, 9864]	10450	[7582, 7216]
65	[131, 132]	3527	[3141, 5998]	6989	[982, 1661]	10451	[6243, 7420]
66	[133, 134]	3528	[5999, 5733]	6990	[9865, 4441]	10452	[7360, 6919]
67	[135, 136]	3529	[6000, 5854]	6991	[9866, 9867]	10453	[12258, 7977]
68	[137, 138]	3530	[6001, 6002]	6992	[9868, 9195]	10454	[8077, 12259]
69	[139, 140]	3531	[6003, 6004]	6993	[9869, 9870]	10455	[3007, 8134]

70	[141, 142]	3532	[6005, 3236]	6994	[9871, 9872]	10456	[12260, 12261]
71	[143, 144]	3533	[6006, 6007]	6995	[9873, 5308]	10457	[12262, 2946]
72	[145, 146]	3534	[6008, 6009]	6996	[9874, 9875]	10458	[3124, 6096]
73	[147, 148]	3535	[6010, 6011]	6997	[9876, 8793]	10459	[11236, 6633]
74	[149, 150]	3536	[565, 6012]	6998	[9877, 9878]	10460	[12263, 7718]
75	[151, 152]	3537	[6013, 3254]	6999	[1083, 9879]	10461	[6995, 3036]
76	[153, 154]	3538	[6014, 745]	7000	[4735, 9880]	10462	[12168, 7544]
77	[155, 156]	3539	[6015, 6016]	7001	[3606, 8691]	10463	[11403, 11696]
78	[157, 158]	3540	[6017, 6018]	7002	[9881, 9882]	10464	[12263, 7113]
79	[159, 160]	3541	[2746, 6019]	7003	[9883, 9884]	10465	[11358, 7379]
80	[161, 162]	3542	[3024, 6020]	7004	[9885, 9886]	10466	[6907, 7569]
81	[163, 164]	3543	[199, 6021]	7005	[1536, 5437]	10467	[6493, 5944]
82	[165, 166]	3544	[6022, 6023]	7006	[9887, 9888]	10468	[12264, 5831]
83	[167, 168]	3545	[2720, 6024]	7007	[9889, 3863]	10469	[11318, 6970]
84	[169, 170]	3546	[6025, 6026]	7008	[9890, 9891]	10470	[12265, 2418]
85	[171, 172]	3547	[164, 2850]	7009	[1834, 9892]	10471	[3210, 6074]
86	[173, 174]	3548	[6027, 6028]	7010	[9893, 8186]	10472	[12266, 2440]
87	[175, 176]	3549	[3054, 6029]	7011	[8995, 9894]	10473	[11177, 12267]
88	[177, 178]	3550	[805, 6030]	7012	[9895, 9353]	10474	[2040, 8080]
89	[179, 180]	3551	[6031, 6032]	7013	[5704, 9896]	10475	[2775, 3052]
90	[181, 182]	3552	[6033, 6034]	7014	[3972, 9897]	10476	[6374, 11685]
91	[183, 184]	3553	[2761, 6035]	7015	[9228, 9898]	10477	[12053, 11409]
92	[185, 186]	3554	[6036, 949]	7016	[3751, 9899]	10478	[11966, 2678]
93	[187, 188]	3555	[6037, 6038]	7017	[9900, 5670]	10479	[6380, 6954]
94	[189, 190]	3556	[6039, 3308]	7018	[9901, 5127]	10480	[7684, 6956]
95	[191, 192]	3557	[6040, 1906]	7019	[4748, 9902]	10481	[3268, 11764]
96	[193, 194]	3558	[8, 1908]	7020	[9140, 3350]	10482	[2113, 11125]
97	[195, 196]	3559	[6041, 6042]	7021	[9903, 9904]	10483	[12268, 12269]
98	[197, 198]	3560	[6043, 6044]	7022	[4526, 9905]	10484	[11665, 1918]
99	[199, 11]	3561	[647, 6045]	7023	[8397, 976]	10485	[12270, 11153]
100	[200, 201]	3562	[6046, 6047]	7024	[9906, 9907]	10486	[12271, 2597]
101	[202, 203]	3563	[2942, 6048]	7025	[9908, 9909]	10487	[11444, 12272]
102	[204, 205]	3564	[6049, 598]	7026	[9910, 9911]	10488	[12273, 11260]
103	[206, 207]	3565	[5860, 6050]	7027	[5093, 3748]	10489	[12077, 5821]
104	[208, 209]	3566	[6051, 6052]	7028	[9912, 81]	10490	[6498, 7507]
105	[210, 211]	3567	[6053, 587]	7029	[9913, 9914]	10491	[7187, 11524]
106	[212, 213]	3568	[6054, 2685]	7030	[9813, 8743]	10492	[11410, 11771]
107	[214, 215]	3569	[6055, 6056]	7031	[9915, 9199]	10493	[220, 7254]
108	[216, 217]	3570	[6057, 6058]	7032	[5272, 9916]	10494	[5818, 7293]
109	[218, 219]	3571	[6059, 6060]	7033	[9547, 1009]	10495	[7272, 7594]
110	[220, 221]	3572	[2524, 6061]	7034	[9917, 4793]	10496	[11890, 6202]
111	[222, 223]	3573	[6062, 6063]	7035	[1606, 9918]	10497	[7102, 12274]
112	[224, 225]	3574	[6064, 3024]	7036	[9919, 9920]	10498	[7139, 6452]
113	[226, 227]	3575	[6065, 2624]	7037	[5564, 9921]	10499	[7855, 3236]

114	[228, 229]	3576	[6066, 6067]	7038	[9922, 9923]	10500	[2090, 8004]
115	[230, 231]	3577	[781, 6068]	7039	[9924, 991]	10501	[6208, 12275]
116	[232, 233]	3578	[6069, 6070]	7040	[9925, 9926]	10502	[7148, 6779]
117	[234, 235]	3579	[2403, 6019]	7041	[9927, 9928]	10503	[8109, 12276]
118	[236, 237]	3580	[3135, 2994]	7042	[4670, 9444]	10504	[12277, 12191]
119	[238, 239]	3581	[3116, 6071]	7043	[9929, 9930]	10505	[6151, 1996]
120	[217, 240]	3582	[6072, 3176]	7044	[88, 9931]	10506	[11672, 2646]
121	[241, 242]	3583	[6073, 6074]	7045	[9932, 333]	10507	[7893, 11167]
122	[243, 244]	3584	[6075, 6076]	7046	[9933, 9471]	10508	[2096, 7253]
123	[245, 246]	3585	[6073, 6077]	7047	[9934, 9935]	10509	[11823, 700]
124	[247, 248]	3586	[2017, 6078]	7048	[4070, 9819]	10510	[7423, 3125]
125	[249, 250]	3587	[6076, 6079]	7049	[9936, 5551]	10511	[12278, 7276]
126	[251, 252]	3588	[6080, 6081]	7050	[8361, 4347]	10512	[7844, 12279]
127	[253, 254]	3589	[6082, 3115]	7051	[9904, 3518]	10513	[7622, 2361]
128	[255, 256]	3590	[2611, 874]	7052	[5593, 9937]	10514	[6429, 6974]
129	[257, 258]	3591	[2504, 6083]	7053	[9938, 9939]	10515	[6191, 11290]
130	[259, 260]	3592	[6084, 6085]	7054	[9940, 9906]	10516	[3119, 2884]
131	[261, 262]	3593	[6086, 6087]	7055	[9941, 9942]	10517	[6779, 8136]
132	[263, 264]	3594	[6088, 5993]	7056	[9943, 9944]	10518	[6574, 3283]
133	[265, 266]	3595	[6089, 6090]	7057	[9945, 9946]	10519	[7038, 7066]
134	[267, 268]	3596	[6091, 6092]	7058	[9947, 9948]	10520	[11192, 11905]
135	[269, 270]	3597	[6093, 2293]	7059	[9949, 9393]	10521	[2147, 3145]
136	[271, 272]	3598	[2678, 6094]	7060	[9950, 3648]	10522	[7531, 869]
137	[273, 274]	3599	[6095, 6096]	7061	[9951, 9952]	10523	[6583, 11879]
138	[275, 276]	3600	[6097, 6098]	7062	[9953, 8292]	10524	[11935, 835]
139	[277, 278]	3601	[6099, 6100]	7063	[4258, 9954]	10525	[12280, 7135]
140	[279, 280]	3602	[6037, 5986]	7064	[9955, 8417]	10526	[2384, 6398]
141	[281, 282]	3603	[5964, 6101]	7065	[1081, 1114]	10527	[5909, 8041]
142	[283, 284]	3604	[6102, 6103]	7066	[9956, 5504]	10528	[3141, 2128]
143	[285, 286]	3605	[3113, 6104]	7067	[9957, 257]	10529	[6547, 890]
144	[287, 288]	3606	[915, 6105]	7068	[9958, 9959]	10530	[6530, 6558]
145	[289, 290]	3607	[6106, 2564]	7069	[3935, 9960]	10531	[12193, 11362]
146	[291, 292]	3608	[1984, 3095]	7070	[9961, 9487]	10532	[12203, 2340]
147	[293, 294]	3609	[6107, 6108]	7071	[9962, 3394]	10533	[12281, 8162]
148	[295, 296]	3610	[6109, 6110]	7072	[9963, 9964]	10534	[12120, 707]
149	[297, 298]	3611	[2329, 2930]	7073	[7073, 7073]	10535	[12282, 2086]
150	[299, 300]	3612	[6111, 774]	7074	[9965, 9966]	10536	[814, 7140]
151	[301, 302]	3613	[6112, 2315]	7075	[8241, 9967]	10537	[11550, 7348]
152	[303, 304]	3614	[6113, 6114]	7076	[9968, 9969]	10538	[11898, 11974]
153	[305, 306]	3615	[6115, 6073]	7077	[9970, 9971]	10539	[12049, 7799]
154	[307, 308]	3616	[6116, 6117]	7078	[9972, 9714]	10540	[11237, 2246]
155	[309, 310]	3617	[6118, 6119]	7079	[5369, 9973]	10541	[12, 7195]
156	[311, 312]	3618	[6120, 6121]	7080	[9974, 1633]	10542	[7262, 7559]
157	[313, 314]	3619	[6122, 6123]	7081	[9975, 5202]	10543	[11885, 3058]

158	[315, 316]	3620	[3164, 6105]	7082	[9976, 9977]	10544	[7324, 2840]
159	[317, 318]	3621	[6124, 3196]	7083	[9978, 9979]	10545	[7506, 12283]
160	[319, 320]	3622	[6021, 12]	7084	[3653, 9980]	10546	[7043, 12128]
161	[321, 322]	3623	[2966, 6125]	7085	[9981, 9982]	10547	[2322, 895]
162	[323, 324]	3624	[6126, 6127]	7086	[1294, 9983]	10548	[12284, 8071]
163	[325, 326]	3625	[44, 2775]	7087	[9521, 9984]	10549	[6693, 8073]
164	[327, 328]	3626	[6128, 6129]	7088	[9985, 9986]	10550	[6474, 12285]
165	[329, 330]	3627	[5844, 6130]	7089	[9987, 9988]	10551	[11886, 5956]
166	[331, 332]	3628	[6131, 6132]	7090	[9989, 4465]	10552	[12286, 12287]
167	[333, 334]	3629	[897, 907]	7091	[9990, 9991]	10553	[2950, 6086]
168	[335, 336]	3630	[6133, 6134]	7092	[5126, 8323]	10554	[7860, 11770]
169	[337, 338]	3631	[6135, 6136]	7093	[9992, 9787]	10555	[12288, 11624]
170	[339, 340]	3632	[6137, 6047]	7094	[4101, 8669]	10556	[2869, 11276]
171	[341, 342]	3633	[2243, 612]	7095	[8297, 4237]	10557	[6491, 12289]
172	[343, 344]	3634	[2996, 6138]	7096	[9993, 9994]	10558	[12290, 2652]
173	[345, 346]	3635	[6139, 1925]	7097	[8545, 3477]	10559	[12291, 642]
174	[347, 348]	3636	[2166, 6140]	7098	[9260, 9995]	10560	[12187, 7235]
175	[349, 350]	3637	[6141, 6142]	7099	[9996, 9997]	10561	[12292, 8153]
176	[351, 352]	3638	[1895, 6143]	7100	[9998, 9999]	10562	[12293, 12294]
177	[353, 354]	3639	[6144, 192]	7101	[10000, 9993]	10563	[721, 12295]
178	[355, 356]	3640	[6145, 542]	7102	[10001, 10002]	10564	[5916, 1997]
179	[357, 358]	3641	[6146, 3038]	7103	[5350, 10003]	10565	[6748, 577]
180	[359, 360]	3642	[6147, 6148]	7104	[10004, 4141]	10566	[11500, 12296]
181	[361, 362]	3643	[566, 6149]	7105	[10005, 10006]	10567	[7275, 7366]
182	[363, 364]	3644	[6150, 6151]	7106	[10007, 8516]	10568	[12297, 3083]
183	[365, 366]	3645	[6152, 3117]	7107	[9846, 10008]	10569	[11748, 7463]
184	[367, 368]	3646	[1970, 6153]	7108	[1121, 8366]	10570	[8033, 758]
185	[369, 361]	3647	[2753, 6154]	7109	[10009, 1617]	10571	[6069, 11761]
186	[370, 371]	3648	[6155, 6156]	7110	[5549, 10010]	10572	[11159, 646]
187	[372, 373]	3649	[6157, 2270]	7111	[9737, 10011]	10573	[12154, 2014]
188	[374, 375]	3650	[6158, 6159]	7112	[10012, 10013]	10574	[11718, 884]
189	[376, 377]	3651	[6160, 2957]	7113	[5260, 10014]	10575	[2417, 12298]
190	[378, 379]	3652	[6161, 6162]	7114	[10015, 10016]	10576	[8061, 7381]
191	[380, 381]	3653	[2518, 6163]	7115	[10017, 10018]	10577	[11635, 12299]
192	[382, 383]	3654	[5772, 3119]	7116	[10019, 8847]	10578	[862, 11311]
193	[384, 385]	3655	[6084, 6164]	7117	[9960, 5377]	10579	[12093, 12300]
194	[386, 387]	3656	[6165, 6166]	7118	[10020, 4257]	10580	[12024, 12301]
195	[388, 389]	3657	[634, 6167]	7119	[4394, 10021]	10581	[2085, 942]
196	[390, 391]	3658	[3218, 6168]	7120	[10022, 8840]	10582	[643, 3095]
197	[392, 393]	3659	[627, 6169]	7121	[10023, 10024]	10583	[7888, 11730]
198	[394, 395]	3660	[6170, 6171]	7122	[10025, 4038]	10584	[12190, 12302]
199	[396, 397]	3661	[6172, 6173]	7123	[10026, 1297]	10585	[12303, 11631]
200	[398, 399]	3662	[6174, 6175]	7124	[10027, 10028]	10586	[11734, 2568]
201	[400, 401]	3663	[6176, 6177]	7125	[10029, 10030]	10587	[5956, 12304]

202	[402, 403]	3664	[6178, 6179]	7126	[10031, 1685]	10588	[12145, 12305]
203	[404, 405]	3665	[6180, 6181]	7127	[10032, 10033]	10589	[2250, 11112]
204	[406, 407]	3666	[6182, 726]	7128	[10034, 9817]	10590	[12001, 11443]
205	[408, 409]	3667	[6183, 6184]	7129	[10035, 10036]	10591	[2706, 11438]
206	[410, 411]	3668	[6185, 5760]	7130	[9388, 10037]	10592	[2274, 12089]
207	[412, 413]	3669	[6186, 6187]	7131	[8728, 10038]	10593	[6148, 806]
208	[414, 415]	3670	[2943, 5801]	7132	[10039, 10040]	10594	[2495, 555]
209	[416, 417]	3671	[6188, 6189]	7133	[5036, 8447]	10595	[11644, 7172]
210	[418, 419]	3672	[6190, 3260]	7134	[9394, 3915]	10596	[7394, 3208]
211	[420, 421]	3673	[2400, 3006]	7135	[10041, 8974]	10597	[12306, 11623]
212	[422, 423]	3674	[6191, 6192]	7136	[10042, 9285]	10598	[2610, 11731]
213	[424, 425]	3675	[6193, 6194]	7137	[10043, 10044]	10599	[2706, 7732]
214	[426, 427]	3676	[6195, 6196]	7138	[1542, 10045]	10600	[11720, 11386]
215	[428, 429]	3677	[937, 2683]	7139	[10046, 4699]	10601	[12307, 5958]
216	[430, 431]	3678	[6197, 6198]	7140	[10047, 10048]	10602	[7662, 2155]
217	[432, 433]	3679	[6199, 6200]	7141	[9899, 9387]	10603	[7581, 12308]
218	[434, 435]	3680	[6201, 5968]	7142	[10049, 10050]	10604	[11759, 11802]
219	[436, 437]	3681	[6195, 6202]	7143	[10051, 9081]	10605	[6862, 6945]
220	[438, 439]	3682	[6203, 2584]	7144	[10052, 1619]	10606	[11936, 937]
221	[440, 441]	3683	[644, 6204]	7145	[5661, 10053]	10607	[12309, 6197]
222	[442, 443]	3684	[6205, 2310]	7146	[10054, 9529]	10608	[2756, 11575]
223	[444, 445]	3685	[6206, 5981]	7147	[10055, 10056]	10609	[566, 2449]
224	[446, 447]	3686	[6207, 5794]	7148	[8234, 10057]	10610	[2283, 5945]
225	[448, 449]	3687	[6208, 2594]	7149	[10058, 10059]	10611	[7440, 12310]
226	[450, 451]	3688	[2629, 6209]	7150	[9994, 9927]	10612	[6407, 12311]
227	[452, 453]	3689	[6210, 6211]	7151	[9144, 4819]	10613	[11117, 7040]
228	[454, 455]	3690	[6212, 6213]	7152	[9498, 10060]	10614	[11709, 2691]
229	[456, 457]	3691	[644, 3096]	7153	[1556, 4581]	10615	[1956, 12067]
230	[458, 459]	3692	[2505, 2588]	7154	[10061, 10062]	10616	[3264, 2935]
231	[460, 461]	3693	[6214, 6215]	7155	[9735, 10063]	10617	[7118, 3122]
232	[28, 462]	3694	[6216, 6217]	7156	[8987, 10064]	10618	[8024, 5970]
233	[463, 464]	3695	[6218, 6219]	7157	[10065, 10066]	10619	[6669, 1902]
234	[465, 466]	3696	[2068, 6220]	7158	[10067, 4054]	10620	[12312, 6011]
235	[467, 468]	3697	[6221, 6222]	7159	[10068, 10069]	10621	[3092, 12313]
236	[469, 470]	3698	[6223, 2329]	7160	[8641, 10070]	10622	[6594, 12314]
237	[471, 472]	3699	[6224, 6225]	7161	[447, 10071]	10623	[12315, 11351]
238	[473, 474]	3700	[6226, 6227]	7162	[10072, 10073]	10624	[7097, 5934]
239	[475, 476]	3701	[2547, 6228]	7163	[10074, 3540]	10625	[7271, 2963]
240	[477, 478]	3702	[6229, 2323]	7164	[10075, 10076]	10626	[6692, 703]
241	[479, 480]	3703	[1909, 2271]	7165	[10077, 9266]	10627	[11840, 7060]
242	[481, 482]	3704	[5885, 640]	7166	[10078, 10079]	10628	[7891, 7012]
243	[483, 484]	3705	[6230, 5918]	7167	[9124, 3563]	10629	[11927, 2369]
244	[485, 486]	3706	[6231, 6232]	7168	[4348, 10080]	10630	[12316, 6294]
245	[487, 488]	3707	[3279, 780]	7169	[10081, 1567]	10631	[6675, 11705]

246	[489, 490]	3708	[6182, 6233]	7170	[314, 1122]	10632	[836, 7061]
247	[491, 492]	3709	[3002, 2965]	7171	[10082, 5287]	10633	[7873, 12026]
248	[493, 494]	3710	[3033, 6234]	7172	[10083, 10084]	10634	[12193, 8094]
249	[495, 496]	3711	[6235, 3247]	7173	[10085, 10086]	10635	[7287, 7657]
250	[497, 498]	3712	[972, 2342]	7174	[8816, 4311]	10636	[2067, 7827]
251	[499, 500]	3713	[6236, 6237]	7175	[10087, 10088]	10637	[12317, 7767]
252	[501, 502]	3714	[6238, 6239]	7176	[10089, 1459]	10638	[8021, 12318]
253	[503, 504]	3715	[2996, 6240]	7177	[8493, 4178]	10639	[960, 706]
254	[505, 506]	3716	[6241, 6242]	7178	[1843, 9381]	10640	[5900, 7835]
255	[507, 508]	3717	[6243, 6244]	7179	[10090, 10091]	10641	[132, 6056]
256	[509, 510]	3718	[6245, 2832]	7180	[10092, 10093]	10642	[737, 6606]
257	[511, 512]	3719	[2854, 3151]	7181	[10094, 10095]	10643	[698, 680]
258	[513, 514]	3720	[6246, 6247]	7182	[10096, 4034]	10644	[11166, 2798]
259	[515, 516]	3721	[2404, 2055]	7183	[10097, 9589]	10645	[3081, 6588]
260	[517, 518]	3722	[2475, 6248]	7184	[4616, 10098]	10646	[8067, 2634]
261	[519, 520]	3723	[2097, 3221]	7185	[10099, 10100]	10647	[11141, 2326]
262	[521, 522]	3724	[2765, 2333]	7186	[1460, 10101]	10648	[12252, 7021]
263	[523, 524]	3725	[6249, 6250]	7187	[10102, 9749]	10649	[839, 8151]
264	[525, 526]	3726	[2960, 6251]	7188	[10103, 10104]	10650	[6976, 781]
265	[527, 528]	3727	[6252, 6253]	7189	[10105, 3761]	10651	[6966, 1882]
266	[529, 530]	3728	[6254, 6255]	7190	[10106, 5154]	10652	[6422, 11899]
267	[531, 532]	3729	[1898, 6256]	7191	[10107, 9820]	10653	[11751, 7239]
268	[533, 534]	3730	[6257, 6258]	7192	[10108, 10109]	10654	[2944, 6743]
269	[535, 536]	3731	[200, 3133]	7193	[10110, 10111]	10655	[12187, 161]
270	[537, 538]	3732	[6259, 6260]	7194	[5376, 1453]	10656	[6618, 2038]
271	[539, 540]	3733	[6261, 2844]	7195	[24, 10112]	10657	[2303, 11140]
272	[541, 542]	3734	[6262, 6263]	7196	[1157, 5408]	10658	[7797, 6231]
273	[543, 544]	3735	[6264, 6265]	7197	[10113, 9362]	10659	[7436, 12319]
274	[545, 546]	3736	[6266, 52]	7198	[10114, 10115]	10660	[11824, 11795]
275	[547, 548]	3737	[6267, 2456]	7199	[10116, 1306]	10661	[12320, 6402]
276	[549, 550]	3738	[6268, 6269]	7200	[10117, 3735]	10662	[2924, 1952]
277	[551, 552]	3739	[6131, 2807]	7201	[3860, 10118]	10663	[3071, 11218]
278	[553, 554]	3740	[6079, 6081]	7202	[5224, 10119]	10664	[11549, 11652]
279	[555, 556]	3741	[6270, 6271]	7203	[5696, 10049]	10665	[7884, 12321]
280	[557, 558]	3742	[2190, 6272]	7204	[10120, 97]	10666	[12322, 1900]
281	[559, 505]	3743	[6273, 6274]	7205	[8260, 9961]	10667	[12323, 12324]
282	[560, 561]	3744	[834, 1922]	7206	[10121, 10122]	10668	[926, 11381]
283	[562, 563]	3745	[6275, 6276]	7207	[10123, 1190]	10669	[12325, 12025]
284	[564, 186]	3746	[6277, 6278]	7208	[5711, 10094]	10670	[11289, 7554]
285	[565, 566]	3747	[6279, 6034]	7209	[10124, 10125]	10671	[7417, 12326]
286	[567, 568]	3748	[3070, 6280]	7210	[4602, 4112]	10672	[12327, 12165]
287	[569, 570]	3749	[6281, 6282]	7211	[10126, 10127]	10673	[2462, 2497]
288	[571, 572]	3750	[6283, 2095]	7212	[10128, 10129]	10674	[7388, 12170]
289	[573, 574]	3751	[2977, 2487]	7213	[10130, 10131]	10675	[2649, 7473]

290	[575, 576]	3752	[6284, 6168]	7214	[10132, 10133]	10676	[11767, 6275]
291	[577, 578]	3753	[6285, 6286]	7215	[8992, 3981]	10677	[12328, 12329]
292	[579, 580]	3754	[6287, 6288]	7216	[10134, 1750]	10678	[2198, 11677]
293	[168, 581]	3755	[2988, 6289]	7217	[10135, 3704]	10679	[6093, 926]
294	[582, 583]	3756	[2338, 6264]	7218	[9991, 10136]	10680	[3014, 929]
295	[584, 585]	3757	[2719, 6290]	7219	[8596, 10137]	10681	[12238, 7654]
296	[586, 587]	3758	[3250, 6291]	7220	[10138, 1539]	10682	[7413, 2911]
297	[588, 589]	3759	[6292, 6293]	7221	[4090, 4892]	10683	[11157, 845]
298	[590, 591]	3760	[6294, 6295]	7222	[10139, 5526]	10684	[12264, 12330]
299	[592, 593]	3761	[6161, 6296]	7223	[10140, 5349]	10685	[6027, 3242]
300	[594, 595]	3762	[1893, 6297]	7224	[9055, 10067]	10686	[12282, 12256]
301	[571, 596]	3763	[6298, 129]	7225	[10141, 4765]	10687	[7390, 11363]
302	[597, 598]	3764	[6299, 6300]	7226	[8527, 10142]	10688	[7909, 2727]
303	[599, 600]	3765	[6301, 6302]	7227	[10143, 8738]	10689	[12273, 2218]
304	[162, 601]	3766	[614, 6303]	7228	[10144, 10145]	10690	[11379, 512]
305	[602, 603]	3767	[6304, 6305]	7229	[296, 9936]	10691	[12143, 12331]
306	[604, 605]	3768	[6306, 6307]	7230	[1624, 10146]	10692	[2622, 2071]
307	[606, 607]	3769	[2296, 6308]	7231	[10147, 9951]	10693	[11447, 2745]
308	[608, 609]	3770	[6309, 6310]	7232	[8644, 10148]	10694	[7570, 12332]
309	[610, 611]	3771	[2037, 6208]	7233	[10149, 10150]	10695	[6476, 12333]
310	[523, 612]	3772	[6311, 2791]	7234	[10151, 101]	10696	[7377, 2953]
311	[593, 613]	3773	[6312, 6313]	7235	[10152, 3993]	10697	[6431, 2716]
312	[614, 615]	3774	[6314, 6315]	7236	[4278, 10153]	10698	[6937, 12334]
313	[616, 617]	3775	[6316, 6317]	7237	[10154, 4684]	10699	[7200, 11252]
314	[618, 619]	3776	[6318, 2576]	7238	[9525, 9455]	10700	[6666, 1921]
315	[620, 621]	3777	[2936, 6319]	7239	[10155, 10156]	10701	[6728, 6991]
316	[622, 623]	3778	[6320, 6321]	7240	[10157, 10158]	10702	[7922, 2382]
317	[624, 625]	3779	[2617, 6322]	7241	[10159, 4108]	10703	[11616, 7377]
318	[626, 627]	3780	[6323, 6324]	7242	[3438, 5405]	10704	[12335, 2715]
319	[628, 629]	3781	[6325, 6326]	7243	[10160, 10161]	10705	[849, 7141]
320	[630, 631]	3782	[6327, 6328]	7244	[10162, 10163]	10706	[6627, 11150]
321	[632, 633]	3783	[2604, 656]	7245	[1417, 3909]	10707	[1973, 11906]
322	[634, 635]	3784	[823, 6329]	7246	[10164, 3449]	10708	[2744, 11448]
323	[636, 637]	3785	[6330, 2088]	7247	[10071, 10165]	10709	[2869, 12336]
324	[638, 639]	3786	[6331, 6332]	7248	[10166, 9028]	10710	[8091, 8009]
325	[178, 640]	3787	[786, 6333]	7249	[10167, 10168]	10711	[2743, 11922]
326	[641, 642]	3788	[6334, 6335]	7250	[10169, 10170]	10712	[12337, 11608]
327	[643, 644]	3789	[6336, 6337]	7251	[4337, 10171]	10713	[12338, 12339]
328	[645, 646]	3790	[6338, 6339]	7252	[4617, 10172]	10714	[48, 7707]
329	[647, 648]	3791	[6340, 6330]	7253	[10173, 10174]	10715	[2692, 12119]
330	[649, 650]	3792	[6341, 2149]	7254	[10175, 10176]	10716	[6005, 5977]
331	[651, 652]	3793	[6342, 6343]	7255	[288, 10177]	10717	[12340, 12341]
332	[653, 654]	3794	[6344, 6345]	7256	[5074, 10178]	10718	[12342, 11459]
333	[655, 656]	3795	[6346, 6347]	7257	[10179, 10180]	10719	[7373, 1907]

334	[657, 658]	3796	[6348, 6349]	7258	[10181, 10182]	10720	[2700, 622]
335	[659, 660]	3797	[6350, 6351]	7259	[9179, 3498]	10721	[12343, 6825]
336	[661, 662]	3798	[3322, 1877]	7260	[10183, 4001]	10722	[7916, 7039]
337	[663, 664]	3799	[6352, 6186]	7261	[8218, 10184]	10723	[2122, 6603]
338	[665, 666]	3800	[6353, 6354]	7262	[8436, 10185]	10724	[3036, 1901]
339	[667, 668]	3801	[6355, 6356]	7263	[10186, 10187]	10725	[8144, 12344]
340	[669, 670]	3802	[2638, 6357]	7264	[10188, 8415]	10726	[2777, 6141]
341	[671, 50]	3803	[6358, 6359]	7265	[5282, 4691]	10727	[7517, 668]
342	[672, 673]	3804	[197, 6360]	7266	[10189, 8885]	10728	[12345, 7885]
343	[674, 675]	3805	[6361, 2675]	7267	[9196, 10190]	10729	[12346, 11662]
344	[676, 677]	3806	[6362, 6363]	7268	[5719, 103]	10730	[12347, 12348]
345	[678, 679]	3807	[2949, 6364]	7269	[10191, 10192]	10731	[12157, 12178]
346	[680, 681]	3808	[6365, 6146]	7270	[10193, 8280]	10732	[11922, 6938]
347	[682, 683]	3809	[6366, 6367]	7271	[3458, 10194]	10733	[7851, 12349]
348	[684, 685]	3810	[6368, 6369]	7272	[10195, 10196]	10734	[11969, 11571]
349	[686, 687]	3811	[6370, 6371]	7273	[5640, 1227]	10735	[12309, 6935]
350	[688, 599]	3812	[6372, 537]	7274	[10197, 4145]	10736	[11162, 11658]
351	[689, 690]	3813	[6373, 6374]	7275	[10198, 10199]	10737	[12350, 712]
352	[691, 692]	3814	[629, 6375]	7276	[10200, 265]	10738	[11124, 8002]
353	[693, 694]	3815	[6376, 5783]	7277	[10201, 10202]	10739	[12351, 132]
354	[695, 696]	3816	[6377, 1940]	7278	[10203, 9831]	10740	[11721, 7591]
355	[697, 698]	3817	[2572, 6378]	7279	[10204, 4036]	10741	[6510, 6299]
356	[699, 700]	3818	[6379, 6380]	7280	[9553, 10205]	10742	[8146, 8072]
357	[701, 702]	3819	[3107, 5775]	7281	[10206, 5506]	10743	[12352, 11184]
358	[703, 704]	3820	[6381, 6382]	7282	[10207, 8514]	10744	[12303, 11564]
359	[705, 706]	3821	[6065, 6383]	7283	[1866, 10208]	10745	[3242, 8128]
360	[707, 708]	3822	[2710, 6219]	7284	[4166, 10209]	10746	[2065, 7274]
361	[709, 710]	3823	[528, 242]	7285	[4053, 4682]	10747	[743, 12208]
362	[711, 712]	3824	[6384, 3047]	7286	[10210, 10211]	10748	[624, 12353]
363	[713, 714]	3825	[6385, 6386]	7287	[10212, 10213]	10749	[11774, 7200]
364	[715, 716]	3826	[6387, 6388]	7288	[10214, 9243]	10750	[2908, 2122]
365	[717, 718]	3827	[6389, 6390]	7289	[9878, 10215]	10751	[2237, 12310]
366	[719, 720]	3828	[2992, 6391]	7290	[10216, 10217]	10752	[6666, 6614]
367	[721, 722]	3829	[3185, 6392]	7291	[10218, 10219]	10753	[12354, 12355]
368	[723, 724]	3830	[6393, 6394]	7292	[10205, 9623]	10754	[12012, 6749]
369	[725, 726]	3831	[45, 5994]	7293	[10220, 1527]	10755	[11340, 12300]
370	[727, 728]	3832	[6375, 6212]	7294	[10127, 3839]	10756	[11706, 589]
371	[729, 730]	3833	[2620, 6395]	7295	[10221, 10222]	10757	[12356, 2923]
372	[731, 732]	3834	[6396, 6397]	7296	[10223, 10220]	10758	[11397, 11607]
373	[733, 734]	3835	[6398, 6399]	7297	[10224, 5303]	10759	[12228, 6018]
374	[735, 736]	3836	[6400, 2423]	7298	[1210, 10225]	10760	[7716, 12280]
375	[737, 738]	3837	[6401, 6402]	7299	[10226, 10227]	10761	[3074, 7679]
376	[739, 740]	3838	[6403, 6404]	7300	[10228, 9810]	10762	[12357, 2792]
377	[741, 742]	3839	[651, 3010]	7301	[10229, 4131]	10763	[12358, 12099]

378	[743, 744]	3840	[6405, 5763]	7302	[4882, 4712]	10764	[12359, 808]
379	[745, 746]	3841	[6406, 2308]	7303	[10230, 1541]	10765	[12360, 12361]
380	[747, 748]	3842	[6407, 6408]	7304	[10231, 10232]	10766	[6437, 12344]
381	[616, 749]	3843	[1910, 6409]	7305	[10233, 10234]	10767	[11218, 6738]
382	[750, 751]	3844	[2498, 2204]	7306	[8363, 10235]	10768	[11557, 11900]
383	[752, 753]	3845	[6410, 6411]	7307	[1281, 3673]	10769	[12362, 6393]
384	[754, 755]	3846	[6412, 5968]	7308	[9730, 10236]	10770	[2213, 868]
385	[756, 757]	3847	[6413, 6414]	7309	[1836, 5421]	10771	[12363, 11669]
386	[758, 759]	3848	[6415, 5979]	7310	[10237, 9097]	10772	[8073, 2249]
387	[760, 761]	3849	[2549, 6416]	7311	[10238, 10239]	10773	[7319, 11791]
388	[147, 762]	3850	[5971, 6417]	7312	[10240, 1747]	10774	[3146, 11711]
389	[763, 764]	3851	[738, 6418]	7313	[9232, 390]	10775	[2176, 11237]
390	[765, 766]	3852	[6419, 2820]	7314	[10241, 9968]	10776	[12364, 570]
391	[767, 768]	3853	[6420, 6395]	7315	[10242, 9351]	10777	[12365, 11371]
392	[769, 770]	3854	[6233, 6421]	7316	[10243, 10244]	10778	[7524, 12366]
393	[771, 772]	3855	[6422, 6423]	7317	[10245, 8409]	10779	[12367, 11601]
394	[773, 774]	3856	[6424, 6425]	7318	[9186, 10246]	10780	[8104, 7146]
395	[775, 776]	3857	[6426, 6427]	7319	[9013, 1522]	10781	[7001, 3116]
396	[777, 175]	3858	[2794, 6413]	7320	[10247, 10248]	10782	[2503, 12267]
397	[778, 779]	3859	[2605, 6428]	7321	[10249, 10250]	10783	[12204, 581]
398	[780, 781]	3860	[6429, 2318]	7322	[10251, 9084]	10784	[12368, 7650]
399	[782, 783]	3861	[6430, 6431]	7323	[10252, 5212]	10785	[12369, 12370]
400	[784, 785]	3862	[1936, 6060]	7324	[9472, 10253]	10786	[6105, 236]
401	[786, 787]	3863	[6432, 2964]	7325	[1246, 9076]	10787	[7550, 892]
402	[788, 789]	3864	[6293, 2996]	7326	[10254, 10255]	10788	[689, 12371]
403	[790, 791]	3865	[202, 707]	7327	[10256, 9663]	10789	[6381, 8]
404	[792, 793]	3866	[6433, 2344]	7328	[1739, 10257]	10790	[6997, 6147]
405	[794, 795]	3867	[2436, 6424]	7329	[10258, 10259]	10791	[7190, 12372]
406	[796, 797]	3868	[6434, 229]	7330	[10260, 1118]	10792	[12373, 12374]
407	[798, 799]	3869	[750, 2445]	7331	[4316, 10261]	10793	[533, 2671]
408	[800, 801]	3870	[6435, 6436]	7332	[10262, 9110]	10794	[2724, 8067]
409	[802, 803]	3871	[6437, 6438]	7333	[3692, 9424]	10795	[12375, 12254]
410	[804, 805]	3872	[6439, 214]	7334	[4972, 10263]	10796	[12066, 45]
411	[806, 807]	3873	[6440, 6441]	7335	[10264, 4480]	10797	[12376, 5936]
412	[808, 809]	3874	[6442, 557]	7336	[10265, 4482]	10798	[7555, 7769]
413	[810, 811]	3875	[6443, 6444]	7337	[5067, 3931]	10799	[7876, 12377]
414	[812, 813]	3876	[2494, 6445]	7338	[8852, 8329]	10800	[8040, 11434]
415	[814, 815]	3877	[6446, 6447]	7339	[1006, 10266]	10801	[6644, 8083]
416	[816, 817]	3878	[6448, 6449]	7340	[10267, 10268]	10802	[2192, 7221]
417	[818, 819]	3879	[2097, 6450]	7341	[10269, 10270]	10803	[3100, 6932]
418	[820, 821]	3880	[6451, 3225]	7342	[9712, 8709]	10804	[11652, 12378]
419	[822, 823]	3881	[6452, 6453]	7343	[9375, 10271]	10805	[3040, 3197]
420	[824, 825]	3882	[168, 6454]	7344	[10272, 10273]	10806	[11426, 11713]
421	[826, 827]	3883	[851, 6455]	7345	[10274, 10275]	10807	[2230, 12379]

422	[828, 635]	3884	[6432, 3002]	7346	[5333, 4399]	10808	[6369, 2736]
423	[829, 830]	3885	[3153, 2665]	7347	[10276, 1537]	10809	[11957, 12150]
424	[831, 832]	3886	[6456, 2006]	7348	[3614, 8688]	10810	[1874, 11491]
425	[833, 834]	3887	[6434, 6457]	7349	[10277, 10278]	10811	[11572, 11654]
426	[835, 836]	3888	[6458, 6459]	7350	[1498, 5351]	10812	[8016, 6500]
427	[837, 838]	3889	[6460, 6461]	7351	[10279, 10280]	10813	[12380, 172]
428	[839, 840]	3890	[6462, 6463]	7352	[10281, 10282]	10814	[12364, 12211]
429	[841, 842]	3891	[6464, 6465]	7353	[10101, 10283]	10815	[6553, 632]
430	[843, 844]	3892	[6466, 6467]	7354	[9059, 10284]	10816	[8128, 35]
431	[845, 846]	3893	[2063, 5907]	7355	[3426, 10285]	10817	[1938, 551]
432	[847, 848]	3894	[6468, 3112]	7356	[8881, 10286]	10818	[6382, 1908]
433	[849, 850]	3895	[6469, 6470]	7357	[5325, 10287]	10819	[12381, 11295]
434	[851, 852]	3896	[6124, 6471]	7358	[9513, 1553]	10820	[7623, 11210]
435	[853, 41]	3897	[6472, 6473]	7359	[10288, 10289]	10821	[5747, 12382]
436	[854, 855]	3898	[2134, 6474]	7360	[4345, 10290]	10822	[12383, 2437]
437	[856, 857]	3899	[5775, 6475]	7361	[9622, 10291]	10823	[7447, 11185]
438	[858, 859]	3900	[3286, 6429]	7362	[5231, 10292]	10824	[11140, 12384]
439	[860, 861]	3901	[650, 6476]	7363	[10293, 3961]	10825	[7442, 12385]
440	[672, 862]	3902	[180, 6477]	7364	[10104, 10294]	10826	[12386, 2752]
441	[863, 864]	3903	[6227, 6478]	7365	[1254, 10295]	10827	[11723, 12387]
442	[865, 866]	3904	[6479, 165]	7366	[270, 10296]	10828	[3316, 246]
443	[867, 868]	3905	[6480, 6481]	7367	[262, 10039]	10829	[702, 5988]
444	[869, 870]	3906	[5915, 1996]	7368	[10297, 3822]	10830	[11324, 3099]
445	[871, 872]	3907	[626, 6007]	7369	[10298, 5358]	10831	[605, 7655]
446	[873, 874]	3908	[6398, 6482]	7370	[10299, 10300]	10832	[12015, 7908]
447	[875, 876]	3909	[2292, 6483]	7371	[3339, 10301]	10833	[12388, 11468]
448	[877, 878]	3910	[6484, 6294]	7372	[4442, 3763]	10834	[12166, 6776]
449	[879, 792]	3911	[6485, 6486]	7373	[10302, 3727]	10835	[5772, 2490]
450	[880, 881]	3912	[1901, 584]	7374	[5623, 5697]	10836	[11428, 2566]
451	[882, 883]	3913	[6487, 6488]	7375	[4146, 10303]	10837	[2416, 12389]
452	[884, 885]	3914	[6489, 6398]	7376	[10304, 10305]	10838	[2038, 12275]
453	[886, 887]	3915	[6490, 6491]	7377	[10306, 10307]	10839	[5732, 6869]
454	[888, 889]	3916	[2811, 791]	7378	[4903, 9634]	10840	[3071, 11645]
455	[890, 722]	3917	[5731, 2759]	7379	[10308, 3691]	10841	[12390, 7165]
456	[891, 892]	3918	[2877, 6492]	7380	[4251, 10309]	10842	[7217, 12282]
457	[893, 894]	3919	[6493, 6494]	7381	[10310, 10311]	10843	[12391, 12294]
458	[895, 896]	3920	[3239, 6495]	7382	[9705, 4473]	10844	[6138, 12392]
459	[897, 898]	3921	[6496, 6497]	7383	[10312, 10313]	10845	[8127, 3055]
460	[899, 900]	3922	[6498, 6212]	7384	[10314, 3526]	10846	[7601, 7184]
461	[544, 901]	3923	[586, 517]	7385	[8818, 1471]	10847	[7962, 248]
462	[902, 903]	3924	[6021, 6499]	7386	[96, 10315]	10848	[12393, 5860]
463	[904, 905]	3925	[2850, 6500]	7387	[9286, 10316]	10849	[594, 7283]
464	[906, 907]	3926	[2307, 6501]	7388	[10317, 8250]	10850	[8108, 12313]
465	[128, 908]	3927	[6502, 2093]	7389	[10318, 10319]	10851	[7346, 2148]

466	[909, 910]	3928	[6503, 6504]	7390	[1700, 10320]	10852	[6277, 6546]
467	[861, 911]	3929	[6505, 6506]	7391	[10321, 4723]	10853	[12394, 11934]
468	[912, 913]	3930	[6507, 3279]	7392	[10322, 5586]	10854	[11545, 702]
469	[914, 915]	3931	[6508, 6509]	7393	[9040, 4136]	10855	[6727, 2362]
470	[916, 917]	3932	[6499, 6510]	7394	[3885, 1438]	10856	[3041, 3198]
471	[918, 919]	3933	[6511, 2780]	7395	[10323, 10324]	10857	[5932, 3216]
472	[920, 916]	3934	[6512, 6513]	7396	[8446, 10325]	10858	[11485, 7829]
473	[921, 922]	3935	[6514, 6068]	7397	[4974, 10326]	10859	[12395, 11188]
474	[923, 924]	3936	[2840, 6515]	7398	[10327, 10328]	10860	[12172, 6271]
475	[925, 838]	3937	[5872, 6516]	7399	[10329, 10330]	10861	[12396, 12397]
476	[926, 927]	3938	[3039, 6517]	7400	[10331, 8930]	10862	[6178, 12398]
477	[928, 929]	3939	[519, 6518]	7401	[10332, 10333]	10863	[12399, 12030]
478	[882, 930]	3940	[6519, 6520]	7402	[5683, 3985]	10864	[12369, 12074]
479	[931, 932]	3941	[6521, 6522]	7403	[10334, 9539]	10865	[6079, 920]
480	[61, 933]	3942	[6523, 6524]	7404	[10335, 10336]	10866	[11941, 2814]
481	[934, 935]	3943	[6054, 2317]	7405	[10337, 9830]	10867	[11110, 2795]
482	[661, 936]	3944	[6525, 6526]	7406	[10338, 10339]	10868	[707, 1931]
483	[937, 938]	3945	[6527, 6528]	7407	[8799, 8463]	10869	[6154, 3184]
484	[939, 940]	3946	[2113, 40]	7408	[10340, 10341]	10870	[2721, 37]
485	[941, 942]	3947	[6099, 6529]	7409	[3375, 10342]	10871	[11498, 11]
486	[943, 944]	3948	[6530, 6170]	7410	[10343, 10298]	10872	[11529, 3143]
487	[945, 579]	3949	[6531, 2610]	7411	[4963, 10200]	10873	[11138, 11474]
488	[946, 947]	3950	[6532, 6533]	7412	[1741, 8721]	10874	[7140, 2171]
489	[948, 949]	3951	[6534, 1995]	7413	[10344, 4075]	10875	[7619, 11831]
490	[950, 951]	3952	[6453, 6250]	7414	[10345, 10346]	10876	[12400, 6817]
491	[952, 953]	3953	[6535, 6536]	7415	[10347, 1059]	10877	[2986, 6896]
492	[954, 955]	3954	[6537, 6303]	7416	[9026, 10348]	10878	[577, 12401]
493	[956, 957]	3955	[6538, 2412]	7417	[10349, 10350]	10879	[12402, 7653]
494	[958, 959]	3956	[6383, 2625]	7418	[8498, 9152]	10880	[7471, 8159]
495	[960, 961]	3957	[6416, 6539]	7419	[10351, 3701]	10881	[12012, 6573]
496	[962, 963]	3958	[6540, 6541]	7420	[1582, 9018]	10882	[11634, 7215]
497	[964, 965]	3959	[6313, 6542]	7421	[10352, 10353]	10883	[2439, 12403]
498	[966, 967]	3960	[6543, 6544]	7422	[86, 5524]	10884	[11523, 2029]
499	[968, 969]	3961	[6545, 6546]	7423	[8500, 9431]	10885	[6743, 800]
500	[970, 971]	3962	[6547, 721]	7424	[272, 10354]	10886	[11826, 12071]
501	[972, 594]	3963	[973, 6548]	7425	[10355, 10356]	10887	[7471, 11296]
502	[973, 974]	3964	[3216, 6549]	7426	[10357, 5007]	10888	[7670, 7389]
503	[975, 976]	3965	[6550, 6551]	7427	[1646, 5698]	10889	[12404, 6967]
504	[977, 978]	3966	[6036, 6552]	7428	[10145, 4267]	10890	[2837, 5920]
505	[979, 980]	3967	[6553, 6554]	7429	[9328, 10358]	10891	[12405, 12406]
506	[981, 982]	3968	[2780, 6555]	7430	[9169, 3657]	10892	[11833, 12407]
507	[983, 984]	3969	[3035, 6556]	7431	[10010, 10359]	10893	[12408, 12409]
508	[985, 986]	3970	[2929, 2330]	7432	[10360, 9669]	10894	[3171, 3129]
509	[987, 988]	3971	[239, 6557]	7433	[8822, 10361]	10895	[7681, 11781]

510	[989, 990]	3972	[6558, 6171]	7434	[10362, 10363]	10896	[12410, 7623]
511	[991, 992]	3973	[2453, 2266]	7435	[10168, 9962]	10897	[6236, 12411]
512	[993, 994]	3974	[6559, 6560]	7436	[5327, 10364]	10898	[150, 12154]
513	[995, 996]	3975	[6561, 6562]	7437	[10365, 8195]	10899	[2437, 8050]
514	[997, 998]	3976	[6563, 6564]	7438	[10292, 10366]	10900	[7419, 3021]
515	[999, 1000]	3977	[6116, 2017]	7439	[10367, 9764]	10901	[7038, 3110]
516	[1001, 1002]	3978	[6565, 6566]	7440	[1847, 10368]	10902	[11395, 5909]
517	[1003, 1004]	3979	[2063, 6567]	7441	[10369, 10370]	10903	[6120, 3121]
518	[1005, 1006]	3980	[6568, 6569]	7442	[8787, 10371]	10904	[6379, 921]
519	[1007, 1008]	3981	[6570, 850]	7443	[10372, 10373]	10905	[6873, 12412]
520	[1009, 1010]	3982	[6571, 3199]	7444	[9546, 10374]	10906	[7405, 6635]
521	[1011, 1012]	3983	[636, 2244]	7445	[9838, 4504]	10907	[2849, 8016]
522	[1013, 1014]	3984	[3035, 6572]	7446	[10375, 9272]	10908	[3001, 2964]
523	[1015, 1016]	3985	[639, 6573]	7447	[3503, 9442]	10909	[12057, 3194]
524	[1017, 1018]	3986	[2321, 5882]	7448	[10376, 10377]	10910	[2566, 6159]
525	[1019, 1020]	3987	[2438, 3295]	7449	[10378, 404]	10911	[6985, 12413]
526	[1021, 1022]	3988	[6574, 6575]	7450	[9753, 10379]	10912	[11749, 7695]
527	[1023, 1024]	3989	[5737, 6567]	7451	[10380, 10381]	10913	[12167, 12414]
528	[1025, 1026]	3990	[6576, 3125]	7452	[10382, 4170]	10914	[3280, 11629]
529	[1027, 1028]	3991	[6577, 2496]	7453	[10383, 1091]	10915	[748, 631]
530	[1029, 1030]	3992	[2393, 6578]	7454	[10384, 4978]	10916	[11662, 2916]
531	[1031, 1032]	3993	[6030, 2328]	7455	[10385, 4536]	10917	[11283, 12415]
532	[1033, 1034]	3994	[6439, 6579]	7456	[10386, 10387]	10918	[2684, 8023]
533	[1035, 1036]	3995	[5834, 6580]	7457	[10388, 10389]	10919	[11371, 2120]
534	[1037, 1038]	3996	[6581, 725]	7458	[8776, 10390]	10920	[3167, 3129]
535	[1039, 1040]	3997	[2088, 6582]	7459	[9983, 10391]	10921	[2708, 7358]
536	[1041, 1042]	3998	[2416, 846]	7460	[10156, 10392]	10922	[6646, 12416]
537	[1043, 1044]	3999	[6583, 3274]	7461	[10393, 10394]	10923	[12417, 5813]
538	[1045, 1046]	4000	[6584, 6126]	7462	[9080, 370]	10924	[12159, 12418]
539	[1047, 1048]	4001	[6585, 6586]	7463	[10395, 9364]	10925	[6820, 7018]
540	[1049, 1050]	4002	[2496, 6587]	7464	[10396, 3342]	10926	[12419, 7997]
541	[1051, 1052]	4003	[5805, 6588]	7465	[10397, 10398]	10927	[11779, 6324]
542	[1053, 1054]	4004	[2340, 2813]	7466	[1723, 10399]	10928	[11691, 12401]
543	[1055, 1056]	4005	[2646, 6589]	7467	[8654, 9093]	10929	[526, 7999]
544	[1057, 1058]	4006	[6590, 2163]	7468	[10391, 10400]	10930	[11407, 6781]
545	[1059, 1060]	4007	[6591, 6592]	7469	[10401, 9163]	10931	[7817, 12420]
546	[1061, 1062]	4008	[6144, 6593]	7470	[10402, 10403]	10932	[6102, 12421]
547	[1063, 1064]	4009	[6594, 2230]	7471	[10404, 4243]	10933	[6830, 11765]
548	[1065, 1066]	4010	[6595, 6596]	7472	[10405, 4392]	10934	[12422, 3212]
549	[1067, 1068]	4011	[6597, 6598]	7473	[10406, 3411]	10935	[12423, 11985]
550	[1069, 1070]	4012	[5862, 3202]	7474	[10407, 10408]	10936	[6112, 7472]
551	[1071, 1072]	4013	[6599, 6600]	7475	[5410, 10409]	10937	[11663, 2156]
552	[1073, 1074]	4014	[6138, 6601]	7476	[5588, 10410]	10938	[7238, 6701]
553	[1075, 1076]	4015	[6145, 6602]	7477	[10118, 10277]	10939	[12424, 12425]

554	[72, 1077]	4016	[2755, 6603]	7478	[10411, 3971]	10940	[12358, 2150]
555	[1078, 1079]	4017	[6604, 2081]	7479	[8620, 1341]	10941	[11962, 3154]
556	[1080, 1081]	4018	[2223, 3100]	7480	[4531, 10113]	10942	[12426, 12427]
557	[1082, 1083]	4019	[6113, 6605]	7481	[10412, 10413]	10943	[5825, 6059]
558	[1084, 1085]	4020	[6606, 6607]	7482	[10408, 10414]	10944	[12428, 7090]
559	[1086, 981]	4021	[2219, 2848]	7483	[1759, 3940]	10945	[8079, 2041]
560	[1087, 1088]	4022	[6608, 6370]	7484	[10415, 8530]	10946	[7515, 6684]
561	[1089, 1090]	4023	[59, 151]	7485	[10416, 5472]	10947	[2598, 12429]
562	[1091, 1092]	4024	[6609, 6610]	7486	[10417, 5569]	10948	[12405, 12014]
563	[1093, 1094]	4025	[6338, 6611]	7487	[5276, 10418]	10949	[2188, 6942]
564	[1095, 1096]	4026	[2523, 6612]	7488	[10419, 10420]	10950	[6526, 2309]
565	[1097, 1098]	4027	[2867, 6613]	7489	[10421, 8299]	10951	[6305, 11962]
566	[1099, 1100]	4028	[1920, 6614]	7490	[10422, 414]	10952	[2377, 11551]
567	[1101, 1102]	4029	[6615, 2285]	7491	[10423, 10424]	10953	[12430, 12287]
568	[1103, 1104]	4030	[6616, 6617]	7492	[10425, 10426]	10954	[6677, 721]
569	[413, 1105]	4031	[6518, 6618]	7493	[10427, 10428]	10955	[3285, 8150]
570	[1106, 1107]	4032	[6127, 6297]	7494	[10429, 9313]	10956	[7410, 3059]
571	[1108, 1109]	4033	[922, 6619]	7495	[1500, 10430]	10957	[12245, 12431]
572	[1110, 1111]	4034	[6620, 2413]	7496	[10431, 3637]	10958	[12432, 7459]
573	[1112, 1113]	4035	[6199, 2821]	7497	[10432, 4902]	10959	[12430, 11936]
574	[1114, 1115]	4036	[6621, 3292]	7498	[8993, 10433]	10960	[640, 11741]
575	[1116, 1117]	4037	[6622, 6623]	7499	[10434, 10435]	10961	[12433, 2558]
576	[1118, 1119]	4038	[6624, 5884]	7500	[4289, 10436]	10962	[6936, 3183]
577	[1120, 1121]	4039	[2521, 2836]	7501	[1598, 10360]	10963	[12134, 2769]
578	[1122, 1123]	4040	[6625, 6194]	7502	[10236, 3695]	10964	[3262, 660]
579	[1124, 1125]	4041	[6626, 6627]	7503	[10437, 10438]	10965	[6800, 8169]
580	[1126, 1127]	4042	[6628, 6386]	7504	[10439, 10384]	10966	[6241, 12339]
581	[1128, 1129]	4043	[6629, 6133]	7505	[10440, 4469]	10967	[6499, 7195]
582	[1130, 1131]	4044	[2624, 6630]	7506	[4253, 10441]	10968	[2790, 5849]
583	[1132, 1133]	4045	[173, 5801]	7507	[10442, 9869]	10969	[2677, 11967]
584	[1134, 1135]	4046	[5956, 6332]	7508	[10443, 10444]	10970	[2264, 7735]
585	[1136, 1137]	4047	[3322, 6631]	7509	[10445, 10446]	10971	[12351, 6055]
586	[1138, 1139]	4048	[6632, 2235]	7510	[1309, 3468]	10972	[3151, 12434]
587	[1140, 1141]	4049	[6633, 6634]	7511	[5298, 3999]	10973	[11252, 675]
588	[1142, 1143]	4050	[2917, 3132]	7512	[5251, 10447]	10974	[6632, 3230]
589	[1144, 1145]	4051	[3125, 6635]	7513	[10448, 10449]	10975	[11331, 7845]
590	[1146, 1147]	4052	[6636, 6637]	7514	[10450, 454]	10976	[3075, 193]
591	[1148, 1149]	4053	[2922, 38]	7515	[10381, 8248]	10977	[11697, 5742]
592	[1150, 1151]	4054	[6638, 610]	7516	[10451, 9666]	10978	[12435, 12436]
593	[1152, 1153]	4055	[6639, 2469]	7517	[9761, 10452]	10979	[12375, 6186]
594	[1154, 1155]	4056	[6640, 6641]	7518	[5151, 10453]	10980	[7314, 12223]
595	[1156, 1157]	4057	[6642, 6643]	7519	[10002, 4623]	10981	[11928, 6852]
596	[1158, 1159]	4058	[6214, 6644]	7520	[10454, 1768]	10982	[11296, 11192]
597	[1160, 1161]	4059	[880, 6645]	7521	[10455, 10456]	10983	[680, 6052]

598	[1162, 1163]	4060	[6646, 6647]	7522	[4713, 10457]	10984	[5885, 6165]
599	[1164, 1165]	4061	[6648, 6649]	7523	[3810, 8396]	10985	[7378, 2931]
600	[1166, 1167]	4062	[6650, 6651]	7524	[10458, 9492]	10986	[7047, 7243]
601	[322, 1168]	4063	[6328, 6652]	7525	[10459, 10460]	10987	[12437, 12006]
602	[1169, 1170]	4064	[6653, 2481]	7526	[10461, 10462]	10988	[12438, 7967]
603	[1171, 1172]	4065	[6654, 6655]	7527	[9948, 1084]	10989	[12439, 3124]
604	[100, 1173]	4066	[6228, 6656]	7528	[3362, 8948]	10990	[11844, 12440]
605	[1174, 1175]	4067	[2071, 6657]	7529	[373, 10463]	10991	[12441, 1948]
606	[1176, 1177]	4068	[6658, 2474]	7530	[10464, 10465]	10992	[12408, 7075]
607	[1178, 1179]	4069	[6659, 6660]	7531	[4493, 10466]	10993	[6072, 6116]
608	[364, 1180]	4070	[923, 2056]	7532	[10467, 10468]	10994	[6667, 12108]
609	[1181, 1182]	4071	[6661, 5738]	7533	[10469, 10470]	10995	[2704, 11165]
610	[1183, 1184]	4072	[6662, 2190]	7534	[10471, 10472]	10996	[7460, 6916]
611	[1185, 1186]	4073	[6057, 6663]	7535	[10473, 10474]	10997	[6933, 12442]
612	[1187, 1188]	4074	[6664, 2554]	7536	[3626, 10475]	10998	[6019, 2055]
613	[1151, 1189]	4075	[5921, 6009]	7537	[8831, 10476]	10999	[8108, 12443]
614	[1190, 1191]	4076	[6665, 6666]	7538	[10477, 10478]	11000	[6588, 7360]
615	[1192, 1193]	4077	[6667, 6668]	7539	[10479, 10480]	11001	[8059, 580]
616	[1194, 1195]	4078	[6669, 2733]	7540	[10481, 8859]	11002	[6752, 150]
617	[1196, 1197]	4079	[6670, 6671]	7541	[478, 10183]	11003	[7210, 5764]
618	[1198, 1199]	4080	[6672, 6673]	7542	[4864, 5005]	11004	[6913, 12444]
619	[1200, 1201]	4081	[6674, 6675]	7543	[10482, 8911]	11005	[12445, 3253]
620	[1202, 1203]	4082	[6676, 6677]	7544	[10483, 10484]	11006	[3245, 12080]
621	[1204, 1205]	4083	[5755, 6678]	7545	[10485, 8245]	11007	[12446, 11834]
622	[1206, 1207]	4084	[6435, 5827]	7546	[10486, 4645]	11008	[11964, 12447]
623	[1208, 267]	4085	[6679, 6680]	7547	[3800, 9739]	11009	[12448, 3051]
624	[1209, 1210]	4086	[6358, 6681]	7548	[10487, 1848]	11010	[7402, 3186]
625	[1211, 1212]	4087	[2905, 6682]	7549	[10488, 10489]	11011	[7911, 230]
626	[1213, 1214]	4088	[6683, 6684]	7550	[1554, 5229]	11012	[6812, 2107]
627	[1215, 1216]	4089	[5821, 6685]	7551	[1820, 10490]	11013	[1896, 6125]
628	[1217, 1218]	4090	[6686, 6687]	7552	[10491, 8821]	11014	[12009, 5769]
629	[1219, 1220]	4091	[2998, 2846]	7553	[10011, 8556]	11015	[7913, 11282]
630	[1221, 1222]	4092	[6688, 6689]	7554	[9909, 10492]	11016	[12342, 12449]
631	[1223, 1224]	4093	[3140, 2127]	7555	[10493, 10494]	11017	[12222, 7315]
632	[1225, 1226]	4094	[6690, 6691]	7556	[10495, 10496]	11018	[12155, 11401]
633	[1227, 1228]	4095	[6692, 6693]	7557	[10497, 10498]	11019	[6784, 12450]
634	[1229, 1230]	4096	[6694, 6695]	7558	[4358, 10499]	11020	[2226, 12451]
635	[1231, 1232]	4097	[2565, 6158]	7559	[8328, 5220]	11021	[12452, 6274]
636	[1233, 1234]	4098	[6696, 6697]	7560	[10500, 10501]	11022	[12453, 12420]
637	[1235, 1236]	4099	[6698, 6699]	7561	[9317, 10502]	11023	[7789, 7235]
638	[1237, 1238]	4100	[6700, 6701]	7562	[10503, 5577]	11024	[7206, 8108]
639	[1239, 1240]	4101	[6225, 2647]	7563	[5425, 9835]	11025	[12042, 11718]
640	[1241, 1242]	4102	[6702, 2788]	7564	[8917, 10504]	11026	[12338, 6242]
641	[1243, 1244]	4103	[2580, 6703]	7565	[3645, 10505]	11027	[167, 12204]

642	[1245, 1246]	4104	[1882, 6704]	7566	[10506, 10507]	11028	[6150, 5915]
643	[1247, 1248]	4105	[6705, 746]	7567	[10508, 10509]	11029	[12390, 5865]
644	[1249, 1250]	4106	[6706, 6707]	7568	[486, 10510]	11030	[6586, 6734]
645	[1251, 1252]	4107	[6708, 2656]	7569	[3434, 4263]	11031	[7737, 2253]
646	[1253, 1254]	4108	[6709, 6126]	7570	[4322, 10511]	11032	[12301, 566]
647	[1255, 1256]	4109	[6710, 2702]	7571	[10512, 10513]	11033	[12305, 8117]
648	[1257, 111]	4110	[6711, 969]	7572	[10346, 8608]	11034	[11839, 6727]
649	[1258, 1259]	4111	[6712, 3284]	7573	[10446, 5463]	11035	[12388, 2124]
650	[1260, 1261]	4112	[2486, 6713]	7574	[9046, 3565]	11036	[3313, 6660]
651	[1262, 1263]	4113	[6714, 5859]	7575	[10514, 4813]	11037	[11208, 5892]
652	[1264, 1265]	4114	[599, 6715]	7576	[10255, 3369]	11038	[11437, 7038]
653	[1266, 1267]	4115	[6149, 2450]	7577	[10515, 8438]	11039	[12083, 3061]
654	[1268, 1269]	4116	[52, 6716]	7578	[8414, 1573]	11040	[7563, 6963]
655	[1270, 1271]	4117	[6009, 6717]	7579	[10516, 1575]	11041	[6137, 2090]
656	[1272, 1273]	4118	[931, 6718]	7580	[4179, 10517]	11042	[6223, 2929]
657	[1274, 1275]	4119	[6719, 2359]	7581	[9414, 9975]	11043	[7779, 2170]
658	[1276, 1277]	4120	[2092, 6720]	7582	[10518, 10519]	11044	[6511, 2852]
659	[1278, 1279]	4121	[2157, 6721]	7583	[9582, 83]	11045	[11695, 12454]
660	[1280, 1281]	4122	[6722, 2921]	7584	[8811, 10520]	11046	[6603, 7379]
661	[1282, 1283]	4123	[6723, 6724]	7585	[4707, 5326]	11047	[7212, 153]
662	[1284, 1285]	4124	[6030, 6725]	7586	[1684, 1270]	11048	[5832, 7311]
663	[1286, 29]	4125	[6726, 2669]	7587	[10521, 463]	11049	[7341, 7042]
664	[1287, 1288]	4126	[6727, 6728]	7588	[10522, 5658]	11050	[7759, 11632]
665	[1289, 1290]	4127	[6729, 2675]	7589	[10523, 8273]	11051	[6421, 11678]
666	[1291, 1292]	4128	[6730, 6731]	7590	[9628, 10524]	11052	[3124, 12455]
667	[1293, 1294]	4129	[6117, 6078]	7591	[3906, 4340]	11053	[11221, 8081]
668	[1295, 1296]	4130	[6732, 6566]	7592	[8686, 10525]	11054	[7973, 12456]
669	[1297, 1298]	4131	[6733, 6734]	7593	[10036, 10526]	11055	[7133, 12372]
670	[1299, 1300]	4132	[3120, 6121]	7594	[10194, 10527]	11056	[12457, 3285]
671	[1301, 1302]	4133	[2468, 6735]	7595	[10528, 10529]	11057	[12458, 939]
672	[461, 1303]	4134	[6736, 6230]	7596	[110, 5494]	11058	[2623, 6657]
673	[1304, 1305]	4135	[6737, 561]	7597	[10530, 1861]	11059	[6760, 6506]
674	[1306, 1307]	4136	[6155, 2798]	7598	[10531, 10532]	11060	[12459, 2296]
675	[1308, 1309]	4137	[6738, 6227]	7599	[3575, 4425]	11061	[12045, 6757]
676	[1310, 1311]	4138	[2199, 6739]	7600	[3948, 10533]	11062	[3052, 11508]
677	[1312, 1313]	4139	[2907, 6740]	7601	[4185, 3405]	11063	[11400, 11416]
678	[1314, 1315]	4140	[2402, 6140]	7602	[10534, 10535]	11064	[53, 2605]
679	[1316, 1317]	4141	[6741, 6742]	7603	[417, 10536]	11065	[2835, 12460]
680	[1318, 1319]	4142	[872, 6743]	7604	[8969, 10537]	11066	[11564, 626]
681	[1320, 1321]	4143	[1992, 6744]	7605	[5646, 4506]	11067	[12393, 6447]
682	[1143, 1322]	4144	[6745, 6746]	7606	[10538, 9342]	11068	[11194, 6045]
683	[1323, 1324]	4145	[6747, 2672]	7607	[10539, 10540]	11069	[7124, 1971]
684	[1325, 1326]	4146	[714, 2911]	7608	[6, 10541]	11070	[12359, 2057]
685	[1327, 1328]	4147	[251, 6748]	7609	[3338, 10542]	11071	[3061, 2064]

686	[1329, 1330]	4148	[639, 6749]	7610	[10543, 1690]	11072	[510, 2206]
687	[1331, 1332]	4149	[6750, 3232]	7611	[10544, 10545]	11073	[5983, 12461]
688	[1333, 1334]	4150	[6751, 547]	7612	[10546, 10288]	11074	[12271, 2694]
689	[1335, 1336]	4151	[763, 902]	7613	[8369, 5478]	11075	[11992, 928]
690	[1337, 1338]	4152	[2612, 6752]	7614	[10547, 9187]	11076	[6923, 6119]
691	[1339, 1340]	4153	[6753, 5900]	7615	[10548, 10549]	11077	[11755, 7452]
692	[1341, 1342]	4154	[6754, 643]	7616	[10550, 9138]	11078	[12312, 7613]
693	[1343, 1344]	4155	[3207, 6755]	7617	[10551, 1610]	11079	[12116, 3012]
694	[1345, 1346]	4156	[687, 5847]	7618	[4858, 10552]	11080	[12386, 12462]
695	[1347, 1348]	4157	[5965, 1902]	7619	[10430, 5135]	11081	[6022, 2408]
696	[1349, 1350]	4158	[3217, 6284]	7620	[1149, 4191]	11082	[8134, 11679]
697	[1351, 1318]	4159	[6618, 6208]	7621	[10553, 3592]	11083	[5799, 6578]
698	[1352, 1353]	4160	[6132, 6460]	7622	[10554, 10555]	11084	[7509, 3119]
699	[1354, 1355]	4161	[6756, 6757]	7623	[10556, 5622]	11085	[7720, 2736]
700	[1356, 1357]	4162	[6758, 6759]	7624	[3341, 10557]	11086	[11384, 12463]
701	[1358, 1359]	4163	[2514, 6760]	7625	[10558, 9555]	11087	[6710, 6993]
702	[1360, 452]	4164	[6761, 2179]	7626	[9724, 10559]	11088	[6330, 2099]
703	[1361, 1362]	4165	[2631, 823]	7627	[5440, 4640]	11089	[7443, 674]
704	[1363, 1364]	4166	[6762, 3264]	7628	[10560, 5223]	11090	[11625, 6342]
705	[1365, 1366]	4167	[6763, 6764]	7629	[10561, 1067]	11091	[2151, 11134]
706	[1367, 1368]	4168	[6500, 6765]	7630	[122, 1593]	11092	[6760, 7595]
707	[1369, 1370]	4169	[6766, 5915]	7631	[9734, 10562]	11093	[6579, 215]
708	[1371, 1372]	4170	[850, 6599]	7632	[10563, 4363]	11094	[6853, 7778]
709	[1373, 1374]	4171	[6767, 6417]	7633	[8198, 1245]	11095	[5982, 2101]
710	[1375, 1376]	4172	[6491, 6768]	7634	[10564, 10565]	11096	[7428, 2401]
711	[1377, 1378]	4173	[6769, 6770]	7635	[10566, 10031]	11097	[2968, 7926]
712	[1379, 1380]	4174	[6771, 2212]	7636	[4908, 10567]	11098	[11743, 12464]
713	[1381, 1382]	4175	[6772, 6773]	7637	[10568, 9890]	11099	[6823, 6378]
714	[1383, 1384]	4176	[6774, 6775]	7638	[10569, 4376]	11100	[11925, 11288]
715	[1385, 1386]	4177	[6776, 6777]	7639	[10570, 10571]	11101	[7834, 5901]
716	[1387, 1388]	4178	[6778, 6779]	7640	[10572, 10573]	11102	[6976, 6514]
717	[1389, 1390]	4179	[676, 6419]	7641	[10574, 1360]	11103	[12465, 11462]
718	[1391, 1392]	4180	[2401, 2166]	7642	[10575, 10576]	11104	[12466, 3786]
719	[1393, 1198]	4181	[6780, 2488]	7643	[9276, 9531]	11105	[10865, 12467]
720	[1394, 1395]	4182	[2573, 2643]	7644	[10577, 9117]	11106	[12468, 9742]
721	[1396, 1397]	4183	[2619, 6420]	7645	[10578, 3325]	11107	[12469, 12470]
722	[1398, 71]	4184	[782, 6781]	7646	[4773, 10579]	11108	[12471, 12472]
723	[1399, 1400]	4185	[6782, 507]	7647	[10580, 4498]	11109	[12473, 10160]
724	[1401, 384]	4186	[6783, 6784]	7648	[10239, 10581]	11110	[12474, 12475]
725	[1402, 1403]	4187	[6628, 6785]	7649	[4177, 10582]	11111	[340, 12476]
726	[1404, 1405]	4188	[6786, 3224]	7650	[10583, 10584]	11112	[11020, 10750]
727	[1406, 1407]	4189	[6787, 6788]	7651	[10585, 8383]	11113	[10555, 12477]
728	[1408, 1409]	4190	[1997, 5852]	7652	[10586, 9153]	11114	[12478, 5062]
729	[1410, 1411]	4191	[5767, 6789]	7653	[1852, 10587]	11115	[11038, 12479]

730	[1412, 1413]	4192	[2300, 6790]	7654	[10588, 10589]	11116	[12480, 1481]
731	[1414, 1415]	4193	[595, 2747]	7655	[10590, 8254]	11117	[5392, 12481]
732	[1416, 1417]	4194	[2094, 6791]	7656	[10591, 8673]	11118	[1797, 10471]
733	[1418, 1419]	4195	[6792, 6793]	7657	[10592, 5343]	11119	[126, 12482]
734	[1420, 1421]	4196	[6794, 6795]	7658	[8459, 10561]	11120	[12483, 12484]
735	[1422, 1423]	4197	[2932, 6796]	7659	[10593, 8262]	11121	[12485, 315]
736	[1424, 1425]	4198	[6797, 6798]	7660	[10594, 10595]	11122	[4752, 12486]
737	[1426, 1427]	4199	[6799, 3146]	7661	[10364, 10596]	11123	[8428, 12487]
738	[1428, 1429]	4200	[6800, 6801]	7662	[10354, 10597]	11124	[5240, 9533]
739	[1430, 1431]	4201	[6802, 3058]	7663	[4579, 10598]	11125	[3754, 12488]
740	[1432, 1433]	4202	[6803, 6804]	7664	[10599, 5155]	11126	[10076, 12489]
741	[1434, 1435]	4203	[6805, 6806]	7665	[10600, 10601]	11127	[10248, 10306]
742	[1436, 1437]	4204	[6807, 6313]	7666	[8398, 10602]	11128	[10912, 9698]
743	[1438, 1439]	4205	[6808, 6809]	7667	[10603, 9016]	11129	[435, 19]
744	[1440, 1441]	4206	[2982, 6810]	7668	[4222, 9454]	11130	[10510, 4050]
745	[1442, 1443]	4207	[6811, 2950]	7669	[102, 10604]	11131	[4683, 4642]
746	[1444, 1445]	4208	[2537, 6084]	7670	[10605, 9762]	11132	[1604, 12490]
747	[1446, 1447]	4209	[754, 6812]	7671	[10606, 10607]	11133	[12491, 12492]
748	[1448, 1449]	4210	[6813, 6814]	7672	[10608, 10609]	11134	[3914, 3907]
749	[1450, 1451]	4211	[6815, 3163]	7673	[10610, 10611]	11135	[12493, 12494]
750	[1127, 1452]	4212	[6816, 6817]	7674	[10612, 8817]	11136	[12495, 392]
751	[1453, 1454]	4213	[1989, 6818]	7675	[9496, 10613]	11137	[12496, 1603]
752	[1455, 1456]	4214	[6819, 6820]	7676	[10142, 3467]	11138	[5149, 12497]
753	[1457, 1458]	4215	[6821, 5913]	7677	[10581, 10614]	11139	[12498, 12499]
754	[1459, 1460]	4216	[3278, 6822]	7678	[9694, 3681]	11140	[12500, 12501]
755	[1461, 1462]	4217	[2571, 6823]	7679	[8940, 4351]	11141	[12502, 1116]
756	[1463, 1464]	4218	[6824, 6825]	7680	[10208, 10615]	11142	[10949, 8259]
757	[1465, 1466]	4219	[6826, 6827]	7681	[10209, 10616]	11143	[12503, 10977]
758	[1467, 1468]	4220	[6828, 6829]	7682	[10617, 9333]	11144	[466, 12504]
759	[1469, 1470]	4221	[6830, 6793]	7683	[5107, 10618]	11145	[12505, 12468]
760	[1471, 1472]	4222	[6831, 6205]	7684	[4240, 3809]	11146	[12506, 10866]
761	[1473, 1325]	4223	[6832, 6833]	7685	[1560, 436]	11147	[3674, 12507]
762	[1474, 1475]	4224	[751, 6834]	7686	[10619, 10620]	11148	[11064, 9873]
763	[1476, 1477]	4225	[6835, 2792]	7687	[9631, 10621]	11149	[12508, 8630]
764	[1478, 1479]	4226	[2874, 6836]	7688	[10622, 5361]	11150	[9418, 12509]
765	[984, 1480]	4227	[6837, 2697]	7689	[3640, 10623]	11151	[8808, 10338]
766	[1481, 1482]	4228	[6838, 6839]	7690	[9939, 10624]	11152	[12510, 10852]
767	[1483, 1484]	4229	[2272, 6840]	7691	[10625, 9061]	11153	[8883, 12511]
768	[1485, 1486]	4230	[6841, 6842]	7692	[10626, 10627]	11154	[12512, 8796]
769	[1487, 1488]	4231	[6257, 6843]	7693	[10628, 10329]	11155	[4373, 12513]
770	[1489, 1490]	4232	[6844, 6845]	7694	[10280, 10629]	11156	[12514, 12515]
771	[1491, 1492]	4233	[540, 2327]	7695	[3489, 10630]	11157	[10270, 1635]
772	[1493, 1494]	4234	[6006, 627]	7696	[10631, 10632]	11158	[3402, 9043]
773	[1495, 1496]	4235	[2287, 684]	7697	[8412, 10633]	11159	[8772, 3716]

774	[1497, 1498]	4236	[2499, 6846]	7698	[10634, 10635]	11160	[3964, 12516]
775	[1499, 1500]	4237	[6847, 6848]	7699	[10636, 9704]	11161	[12517, 10690]
776	[1501, 1502]	4238	[6849, 6024]	7700	[8706, 8730]	11162	[12518, 10961]
777	[1503, 1504]	4239	[6850, 6851]	7701	[4584, 10637]	11163	[12519, 12520]
778	[419, 1505]	4240	[6852, 2097]	7702	[10638, 10639]	11164	[12521, 1013]
779	[1506, 1507]	4241	[6853, 2935]	7703	[10640, 8726]	11165	[12522, 12523]
780	[1508, 1509]	4242	[6854, 6855]	7704	[10641, 10642]	11166	[1054, 4922]
781	[1510, 1511]	4243	[6856, 2834]	7705	[10643, 10644]	11167	[1342, 12524]
782	[1512, 1513]	4244	[6857, 2489]	7706	[5652, 10645]	11168	[3764, 8664]
783	[1514, 1515]	4245	[6858, 6280]	7707	[10646, 4787]	11169	[8448, 12525]
784	[1516, 1517]	4246	[6859, 6860]	7708	[10647, 10648]	11170	[12526, 12527]
785	[1518, 1519]	4247	[6861, 6862]	7709	[10649, 9808]	11171	[4198, 8422]
786	[1520, 1521]	4248	[6863, 6260]	7710	[10650, 10651]	11172	[5180, 5237]
787	[1522, 119]	4249	[2408, 6864]	7711	[10652, 5063]	11173	[9136, 12528]
788	[1523, 1524]	4250	[6865, 6866]	7712	[5024, 10653]	11174	[1655, 10139]
789	[1525, 1526]	4251	[6867, 6868]	7713	[10654, 8758]	11175	[12529, 12530]
790	[1527, 1528]	4252	[6284, 5894]	7714	[9029, 10655]	11176	[9101, 3919]
791	[1529, 1530]	4253	[5999, 6869]	7715	[10656, 10657]	11177	[12531, 12532]
792	[1531, 1532]	4254	[2716, 167]	7716	[10658, 1343]	11178	[12533, 3581]
793	[1533, 1534]	4255	[6324, 3281]	7717	[8846, 9690]	11179	[12534, 12535]
794	[1535, 1536]	4256	[6326, 6870]	7718	[10659, 10660]	11180	[12536, 12537]
795	[1537, 1538]	4257	[2678, 6871]	7719	[10661, 10323]	11181	[12538, 12539]
796	[1539, 1540]	4258	[6872, 2589]	7720	[10662, 10223]	11182	[9848, 5216]
797	[1541, 1542]	4259	[3244, 6873]	7721	[10663, 10664]	11183	[12540, 12541]
798	[1543, 1544]	4260	[6874, 6875]	7722	[10665, 3833]	11184	[8372, 9005]
799	[1545, 1546]	4261	[6876, 6877]	7723	[9301, 3828]	11185	[12542, 5053]
800	[1547, 1548]	4262	[6878, 6879]	7724	[10666, 9837]	11186	[12543, 10141]
801	[1549, 1550]	4263	[143, 6880]	7725	[9964, 10667]	11187	[12544, 12545]
802	[1551, 1552]	4264	[5878, 6881]	7726	[10668, 9594]	11188	[12546, 12547]
803	[1553, 1554]	4265	[792, 622]	7727	[5465, 10669]	11189	[10533, 12548]
804	[1555, 1556]	4266	[6882, 6492]	7728	[8605, 10670]	11190	[12549, 1323]
805	[1557, 1558]	4267	[6883, 6884]	7729	[9952, 10035]	11191	[10478, 12550]
806	[1559, 1560]	4268	[6885, 2277]	7730	[5305, 10671]	11192	[12551, 9499]
807	[1561, 1562]	4269	[6886, 2754]	7731	[10672, 9368]	11193	[5499, 9601]
808	[1482, 1563]	4270	[6887, 6888]	7732	[8239, 10673]	11194	[8401, 12552]
809	[1564, 1565]	4271	[6889, 6890]	7733	[4766, 10674]	11195	[12553, 10124]
810	[1220, 1566]	4272	[6891, 2207]	7734	[10675, 10676]	11196	[1077, 12554]
811	[1567, 1568]	4273	[6892, 6893]	7735	[10677, 10678]	11197	[3897, 12555]
812	[1569, 1570]	4274	[769, 3289]	7736	[10679, 475]	11198	[12556, 10605]
813	[1571, 1572]	4275	[6894, 2608]	7737	[10165, 10680]	11199	[9980, 4770]
814	[1573, 1574]	4276	[656, 6895]	7738	[10681, 10682]	11200	[9118, 5125]
815	[1575, 1576]	4277	[2141, 6896]	7739	[3334, 10683]	11201	[5621, 12557]
816	[1577, 1578]	4278	[6661, 6326]	7740	[10684, 10685]	11202	[9907, 8809]
817	[1579, 1580]	4279	[6897, 6898]	7741	[10686, 10687]	11203	[8179, 5022]

818	[1581, 1582]	4280	[6899, 6900]	7742	[10688, 9389]	11204	[12558, 3646]
819	[1583, 1584]	4281	[6564, 6901]	7743	[9532, 8356]	11205	[12559, 1853]
820	[1585, 1586]	4282	[6902, 5890]	7744	[3544, 10689]	11206	[10418, 9811]
821	[1587, 1588]	4283	[678, 3203]	7745	[10690, 8773]	11207	[12560, 12561]
822	[1589, 1590]	4284	[2445, 6834]	7746	[10691, 10692]	11208	[12562, 12563]
823	[1591, 1592]	4285	[2635, 6903]	7747	[10693, 10694]	11209	[12564, 9374]
824	[1593, 1594]	4286	[2273, 6904]	7748	[10695, 10696]	11210	[12565, 12566]
825	[1595, 1596]	4287	[6730, 2210]	7749	[5058, 1367]	11211	[12567, 10821]
826	[1597, 1598]	4288	[6905, 6719]	7750	[3747, 10697]	11212	[1748, 4904]
827	[1599, 1600]	4289	[3066, 971]	7751	[10698, 10699]	11213	[9590, 12568]
828	[1601, 1602]	4290	[6906, 6907]	7752	[9642, 10700]	11214	[10934, 1106]
829	[1603, 1604]	4291	[6908, 6237]	7753	[10701, 9938]	11215	[1753, 12569]
830	[1605, 1606]	4292	[6909, 6910]	7754	[10702, 10693]	11216	[10984, 12570]
831	[1607, 1399]	4293	[6911, 6374]	7755	[348, 4024]	11217	[5029, 5608]
832	[1608, 1609]	4294	[6912, 6913]	7756	[10703, 10704]	11218	[9710, 3757]
833	[1610, 1611]	4295	[6914, 5832]	7757	[4745, 1136]	11219	[12571, 4167]
834	[1612, 1613]	4296	[6915, 6916]	7758	[10705, 10706]	11220	[12572, 12573]
835	[1614, 1434]	4297	[6917, 6918]	7759	[10707, 10708]	11221	[8631, 5241]
836	[1615, 1616]	4298	[6231, 6509]	7760	[10709, 5077]	11222	[12574, 9030]
837	[1617, 1618]	4299	[530, 6919]	7761	[10494, 10710]	11223	[12575, 5124]
838	[1619, 1620]	4300	[6920, 6921]	7762	[459, 1643]	11224	[11013, 12576]
839	[1621, 1622]	4301	[6922, 6923]	7763	[1490, 10711]	11225	[4271, 8779]
840	[1623, 1624]	4302	[5975, 6924]	7764	[10018, 10712]	11226	[9464, 8869]
841	[1625, 1626]	4303	[6925, 6926]	7765	[10713, 1365]	11227	[12577, 12578]
842	[1627, 1628]	4304	[838, 596]	7766	[10714, 10569]	11228	[12579, 12580]
843	[1629, 1630]	4305	[6927, 6928]	7767	[10217, 3579]	11229	[4899, 5407]
844	[1631, 1632]	4306	[6929, 6930]	7768	[8814, 343]	11230	[8810, 12581]
845	[1633, 1634]	4307	[711, 6931]	7769	[10715, 10029]	11231	[12582, 8331]
846	[1635, 1636]	4308	[6932, 6933]	7770	[10428, 9071]	11232	[12583, 12584]
847	[1637, 1638]	4309	[6934, 6935]	7771	[10716, 4826]	11233	[12585, 8583]
848	[1639, 1640]	4310	[6936, 952]	7772	[1052, 1716]	11234	[12586, 12587]
849	[439, 1262]	4311	[6937, 240]	7773	[10717, 10718]	11235	[4888, 1406]
850	[1641, 1642]	4312	[6938, 6939]	7774	[9902, 10719]	11236	[12588, 9429]
851	[1643, 1644]	4313	[6940, 6941]	7775	[10720, 10617]	11237	[3580, 12589]
852	[1645, 1646]	4314	[3178, 6942]	7776	[10721, 4252]	11238	[9678, 10772]
853	[1647, 85]	4315	[528, 6943]	7777	[10722, 10126]	11239	[4921, 12590]
854	[1648, 1649]	4316	[6052, 6944]	7778	[10723, 10724]	11240	[5503, 12591]
855	[1650, 1651]	4317	[6945, 3076]	7779	[10725, 10726]	11241	[12592, 12593]
856	[1652, 1653]	4318	[6502, 6720]	7780	[3624, 10727]	11242	[9200, 10175]
857	[1654, 1655]	4319	[6946, 6247]	7781	[1451, 3514]	11243	[9718, 3494]
858	[1656, 1657]	4320	[630, 2025]	7782	[10728, 10729]	11244	[5547, 12498]
859	[1658, 309]	4321	[155, 6947]	7783	[10730, 10214]	11245	[12594, 11037]
860	[1659, 1660]	4322	[2570, 2046]	7784	[10731, 9599]	11246	[11025, 9172]
861	[1661, 1662]	4323	[6309, 6653]	7785	[4674, 1140]	11247	[12595, 5230]

862	[1663, 1664]	4324	[6948, 2479]	7786	[10069, 4234]	11248	[10909, 12596]
863	[1165, 1665]	4325	[6949, 6654]	7787	[10070, 8509]	11249	[12597, 9885]
864	[1666, 1667]	4326	[6950, 6228]	7788	[3550, 10152]	11250	[8989, 10586]
865	[1668, 1669]	4327	[3235, 891]	7789	[10732, 10530]	11251	[12598, 8762]
866	[1670, 1671]	4328	[6512, 6951]	7790	[9015, 9296]	11252	[1324, 9203]
867	[1672, 1673]	4329	[6952, 6953]	7791	[8794, 8499]	11253	[12599, 5397]
868	[1674, 1675]	4330	[2307, 3306]	7792	[10733, 10593]	11254	[12600, 12601]
869	[1676, 1677]	4331	[6954, 6955]	7793	[10734, 10735]	11255	[10897, 12602]
870	[1678, 1679]	4332	[6956, 2143]	7794	[10736, 10737]	11256	[1044, 5246]
871	[1680, 1681]	4333	[677, 6957]	7795	[10266, 10738]	11257	[1232, 12603]
872	[1682, 1547]	4334	[6118, 6958]	7796	[10739, 10740]	11258	[10326, 367]
873	[1683, 1684]	4335	[6959, 6960]	7797	[3933, 10741]	11259	[4196, 10004]
874	[1685, 1686]	4336	[6961, 6962]	7798	[10742, 10743]	11260	[12604, 1005]
875	[498, 1687]	4337	[3172, 3174]	7799	[10744, 9057]	11261	[12605, 11101]
876	[1688, 1689]	4338	[6963, 6964]	7800	[10745, 9027]	11262	[9382, 10362]
877	[1690, 1691]	4339	[2064, 6891]	7801	[9571, 8566]	11263	[12606, 4729]
878	[1692, 1693]	4340	[6965, 6966]	7802	[3715, 5605]	11264	[12607, 4370]
879	[1694, 1695]	4341	[5902, 6967]	7803	[10746, 10747]	11265	[12608, 10144]
880	[1696, 1697]	4342	[1905, 6910]	7804	[10748, 10749]	11266	[12609, 12610]
881	[1698, 489]	4343	[6968, 6969]	7805	[10750, 10751]	11267	[12611, 4907]
882	[1699, 1700]	4344	[6346, 6317]	7806	[10752, 10753]	11268	[1068, 1396]
883	[1701, 1702]	4345	[2327, 6725]	7807	[9371, 5366]	11269	[4730, 8598]
884	[1703, 999]	4346	[136, 179]	7808	[10754, 5289]	11270	[9633, 9702]
885	[1704, 1705]	4347	[6970, 6971]	7809	[10755, 10047]	11271	[8425, 12612]
886	[1706, 1707]	4348	[6972, 6973]	7810	[10756, 10757]	11272	[12613, 8261]
887	[1708, 1709]	4349	[6224, 2646]	7811	[10758, 10759]	11273	[12614, 12615]
888	[1710, 1711]	4350	[1908, 2270]	7812	[10460, 4049]	11274	[12616, 9667]
889	[1712, 1713]	4351	[6974, 2319]	7813	[9882, 10760]	11275	[12617, 12618]
890	[1714, 1715]	4352	[2423, 6975]	7814	[10761, 10762]	11276	[12619, 12620]
891	[1716, 1717]	4353	[6480, 57]	7815	[10763, 4548]	11277	[12621, 8203]
892	[1718, 1719]	4354	[6822, 6976]	7816	[10764, 10765]	11278	[9834, 5084]
893	[1720, 1721]	4355	[6977, 3179]	7817	[10766, 10151]	11279	[12622, 12623]
894	[1722, 1723]	4356	[6978, 6979]	7818	[10767, 10768]	11280	[12624, 3576]
895	[1724, 1725]	4357	[6980, 6360]	7819	[4957, 10769]	11281	[8999, 10262]
896	[1726, 1727]	4358	[6981, 6982]	7820	[9020, 10770]	11282	[12625, 1766]
897	[1728, 1729]	4359	[6983, 6295]	7821	[8582, 10771]	11283	[12626, 4163]
898	[1730, 1731]	4360	[6984, 2127]	7822	[10772, 4583]	11284	[3493, 12627]
899	[1732, 1733]	4361	[6985, 6986]	7823	[1038, 10773]	11285	[3392, 12628]
900	[1734, 1735]	4362	[6412, 6987]	7824	[10774, 4261]	11286	[10235, 12629]
901	[1736, 1737]	4363	[6988, 2078]	7825	[10775, 10539]	11287	[3989, 1402]
902	[1738, 1739]	4364	[6989, 6990]	7826	[10776, 10777]	11288	[3632, 12630]
903	[1740, 1741]	4365	[6991, 6992]	7827	[1431, 4560]	11289	[5385, 12631]
904	[1552, 1742]	4366	[2701, 6993]	7828	[10778, 8431]	11290	[4823, 12632]
905	[1743, 1744]	4367	[3042, 6994]	7829	[10779, 10780]	11291	[12633, 12634]

906	[1745, 1746]	4368	[6995, 1900]	7830	[4375, 10781]	11292	[12635, 1027]
907	[1747, 1748]	4369	[6841, 6996]	7831	[10782, 1219]	11293	[10793, 12636]
908	[254, 1749]	4370	[6997, 6998]	7832	[10783, 394]	11294	[10915, 12637]
909	[1750, 1751]	4371	[701, 2823]	7833	[1454, 10032]	11295	[4339, 12551]
910	[1752, 1753]	4372	[6999, 2401]	7834	[9417, 10784]	11296	[10403, 12638]
911	[1754, 1755]	4373	[7000, 2842]	7835	[10785, 10786]	11297	[12639, 5453]
912	[1756, 1757]	4374	[3170, 7001]	7836	[10192, 10437]	11298	[12640, 12641]
913	[1758, 1759]	4375	[6122, 7002]	7837	[4999, 10787]	11299	[12642, 12643]
914	[1760, 1761]	4376	[7003, 3118]	7838	[4428, 5411]	11300	[5319, 9222]
915	[1762, 1763]	4377	[7004, 6103]	7839	[10788, 1428]	11301	[12644, 9745]
916	[1764, 1765]	4378	[6474, 3191]	7840	[5699, 10238]	11302	[10003, 10628]
917	[1766, 1767]	4379	[7005, 6483]	7841	[10789, 3557]	11303	[5128, 12645]
918	[1768, 1769]	4380	[7006, 6084]	7842	[10790, 3641]	11304	[10993, 12646]
919	[1770, 1771]	4381	[7007, 7008]	7843	[3923, 9107]	11305	[5633, 9019]
920	[472, 1772]	4382	[7009, 2421]	7844	[10791, 10302]	11306	[9875, 12647]
921	[1773, 1774]	4383	[7010, 134]	7845	[10792, 10793]	11307	[12648, 12649]
922	[1775, 1776]	4384	[6391, 6251]	7846	[8307, 10195]	11308	[12590, 9050]
923	[1777, 1778]	4385	[2749, 7011]	7847	[8870, 10794]	11309	[12650, 12651]
924	[1779, 64]	4386	[2918, 7012]	7848	[8971, 10795]	11310	[12652, 4976]
925	[1780, 1158]	4387	[7013, 2160]	7849	[10796, 3830]	11311	[1303, 8752]
926	[1781, 1782]	4388	[7014, 7015]	7850	[10797, 10798]	11312	[9841, 12653]
927	[1783, 1784]	4389	[1971, 670]	7851	[10799, 458]	11313	[12654, 9149]
928	[1785, 1786]	4390	[2111, 7016]	7852	[1265, 9957]	11314	[12655, 9212]
929	[1787, 1788]	4391	[7017, 5908]	7853	[10800, 10491]	11315	[12554, 5571]
930	[1789, 1790]	4392	[6173, 7018]	7854	[4059, 10801]	11316	[12656, 5004]
931	[429, 1791]	4393	[2860, 7019]	7855	[10802, 8554]	11317	[5359, 8635]
932	[1792, 1793]	4394	[2308, 7020]	7856	[10803, 10252]	11318	[12657, 12658]
933	[1794, 1795]	4395	[7021, 5857]	7857	[10804, 4450]	11319	[10694, 12659]
934	[1796, 1797]	4396	[2815, 7022]	7858	[10805, 3625]	11320	[10190, 10369]
935	[1798, 1799]	4397	[5753, 2598]	7859	[10806, 10807]	11321	[10815, 10514]
936	[1800, 1801]	4398	[3223, 7023]	7860	[10808, 10809]	11322	[3816, 12485]
937	[1802, 1803]	4399	[7024, 7025]	7861	[10810, 10226]	11323	[1421, 12660]
938	[1804, 1805]	4400	[2388, 7026]	7862	[10607, 3677]	11324	[9334, 9120]
939	[1806, 1807]	4401	[7027, 7028]	7863	[3994, 10811]	11325	[9543, 1647]
940	[1808, 1809]	4402	[6476, 7029]	7864	[9116, 10812]	11326	[12547, 1373]
941	[1810, 1811]	4403	[5767, 2730]	7865	[10813, 10814]	11327	[8874, 10767]
942	[1812, 1813]	4404	[6700, 7030]	7866	[3900, 10815]	11328	[9042, 12661]
943	[1814, 1815]	4405	[7031, 692]	7867	[10676, 4091]	11329	[4558, 12662]
944	[1521, 1816]	4406	[7032, 7033]	7868	[10816, 10817]	11330	[12663, 12664]
945	[449, 1817]	4407	[7034, 7035]	7869	[3821, 10818]	11331	[8404, 9958]
946	[1096, 1818]	4408	[35, 553]	7870	[4660, 10819]	11332	[4403, 5480]
947	[1819, 1820]	4409	[7009, 2196]	7871	[10820, 9477]	11333	[8873, 9609]
948	[1403, 1821]	4410	[938, 2947]	7872	[10821, 10822]	11334	[9800, 8351]
949	[1822, 1823]	4411	[7036, 6877]	7873	[1443, 10823]	11335	[12492, 8238]

950	[1824, 1825]	4412	[7037, 7038]	7874	[10824, 4416]	11336	[12665, 4297]
951	[1826, 1827]	4413	[6886, 6154]	7875	[10825, 10826]	11337	[8682, 5492]
952	[1242, 1828]	4414	[3258, 7039]	7876	[10639, 10827]	11338	[12666, 4838]
953	[1829, 1830]	4415	[765, 7040]	7877	[10828, 9908]	11339	[12667, 4945]
954	[1831, 1832]	4416	[7041, 2381]	7878	[358, 10829]	11340	[12541, 10656]
955	[1833, 1834]	4417	[7042, 7043]	7879	[1858, 5336]	11341	[10832, 12668]
956	[1835, 1836]	4418	[2774, 7044]	7880	[10830, 10075]	11342	[4734, 3356]
957	[1837, 1806]	4419	[3103, 7045]	7881	[1735, 1701]	11343	[5115, 12669]
958	[1838, 1839]	4420	[541, 6602]	7882	[3608, 10831]	11344	[10447, 12670]
959	[1840, 1841]	4421	[6024, 37]	7883	[4398, 10383]	11345	[4162, 10904]
960	[1842, 1843]	4422	[645, 7046]	7884	[10307, 4610]	11346	[5266, 12671]
961	[1844, 1845]	4423	[6336, 7047]	7885	[4837, 10832]	11347	[12672, 12673]
962	[1846, 1847]	4424	[7048, 5770]	7886	[9861, 4014]	11348	[12674, 10668]
963	[1848, 1849]	4425	[7049, 5862]	7887	[10059, 9273]	11349	[12675, 10046]
964	[1850, 1391]	4426	[7050, 195]	7888	[1721, 10833]	11350	[12676, 5413]
965	[1851, 1852]	4427	[7051, 7052]	7889	[10834, 10835]	11351	[12677, 9201]
966	[1853, 1854]	4428	[7053, 7054]	7890	[318, 9895]	11352	[12678, 12679]
967	[1855, 1856]	4429	[537, 7055]	7891	[9467, 10836]	11353	[10860, 9963]
968	[1857, 1858]	4430	[2224, 3101]	7892	[10837, 10838]	11354	[3739, 12680]
969	[1859, 1860]	4431	[7056, 2272]	7893	[10839, 10840]	11355	[4567, 382]
970	[1861, 1862]	4432	[7057, 7058]	7894	[10100, 10841]	11356	[12681, 4758]
971	[1863, 1864]	4433	[7059, 7060]	7895	[10842, 10534]	11357	[407, 1169]
972	[1865, 1866]	4434	[1969, 7061]	7896	[8898, 10843]	11358	[12682, 8488]
973	[1867, 1868]	4435	[7062, 1955]	7897	[10844, 10845]	11359	[12683, 9649]
974	[1869, 1870]	4436	[7063, 760]	7898	[10846, 10847]	11360	[12684, 12685]
975	[1871, 215]	4437	[7064, 3156]	7899	[9311, 5386]	11361	[5008, 12686]
976	[1872, 1873]	4438	[7065, 6467]	7900	[5513, 10848]	11362	[12687, 5634]
977	[1874, 1875]	4439	[3109, 7066]	7901	[10849, 10701]	11363	[12688, 12689]
978	[1876, 1877]	4440	[5910, 6569]	7902	[10850, 8675]	11364	[12690, 5072]
979	[1878, 1879]	4441	[7067, 6298]	7903	[10851, 1473]	11365	[12691, 9900]
980	[1880, 1881]	4442	[7068, 7069]	7904	[10852, 10853]	11366	[5311, 10554]
981	[1882, 1883]	4443	[7070, 5829]	7905	[4495, 5620]	11367	[10740, 12692]
982	[1884, 1885]	4444	[2284, 5946]	7906	[10854, 5140]	11368	[12693, 12694]
983	[1886, 1887]	4445	[7071, 2073]	7907	[10855, 10856]	11369	[12695, 12696]
984	[1888, 1889]	4446	[7072, 7073]	7908	[10857, 10858]	11370	[12697, 12698]
985	[1890, 1891]	4447	[7074, 7075]	7909	[4293, 10859]	11371	[12699, 5360]
986	[1892, 1893]	4448	[7076, 7077]	7910	[8942, 4740]	11372	[3726, 12700]
987	[1894, 1895]	4449	[7078, 7079]	7911	[8692, 10860]	11373	[8895, 10493]
988	[1896, 1897]	4450	[239, 2423]	7912	[4015, 10861]	11374	[4481, 10715]
989	[1898, 1899]	4451	[7080, 7081]	7913	[10862, 10863]	11375	[10692, 8843]
990	[1900, 1901]	4452	[7082, 7083]	7914	[10864, 10865]	11376	[12701, 12702]
991	[1902, 1903]	4453	[7084, 7085]	7915	[10866, 1529]	11377	[78, 8687]
992	[1904, 1905]	4454	[6012, 6149]	7916	[10840, 10867]	11378	[12703, 12704]
993	[1906, 1907]	4455	[5726, 7086]	7917	[10535, 10868]	11379	[12705, 12706]

994	[1908, 1909]	4456	[3019, 6945]	7918	[9581, 10869]	11380	[12707, 12708]
995	[1910, 1911]	4457	[7087, 6424]	7919	[10687, 10448]	11381	[3460, 5065]
996	[1912, 1913]	4458	[7056, 7088]	7920	[1689, 10870]	11382	[9271, 10357]
997	[1914, 1915]	4459	[7089, 7090]	7921	[10871, 10872]	11383	[12709, 12710]
998	[1916, 1917]	4460	[727, 7091]	7922	[3638, 9777]	11384	[12711, 10051]
999	[1918, 1919]	4461	[7092, 6605]	7923	[10873, 8180]	11385	[5141, 12677]
1000	[1920, 1921]	4462	[6299, 2749]	7924	[3676, 10874]	11386	[12712, 12713]
1001	[1922, 1923]	4463	[5968, 7093]	7925	[5313, 10041]	11387	[12714, 12715]
1002	[1924, 1925]	4464	[5928, 5779]	7926	[4208, 10553]	11388	[12716, 8324]
1003	[1926, 1927]	4465	[7094, 7095]	7927	[10111, 8815]	11389	[10014, 10761]
1004	[1928, 1929]	4466	[2656, 7096]	7928	[4200, 10774]	11390	[9365, 10173]
1005	[667, 1930]	4467	[6676, 6547]	7929	[9551, 5104]	11391	[12717, 12718]
1006	[1931, 1932]	4468	[2220, 5853]	7930	[1470, 8862]	11392	[12719, 12720]
1007	[1933, 1934]	4469	[7097, 7098]	7931	[3343, 5291]	11393	[10330, 10742]
1008	[1935, 1936]	4470	[7099, 730]	7932	[10875, 8574]	11394	[12721, 12722]
1009	[1937, 1938]	4471	[7100, 7101]	7933	[10876, 4203]	11395	[12563, 12723]
1010	[1939, 1940]	4472	[702, 226]	7934	[10877, 10878]	11396	[10689, 12724]
1011	[1941, 1942]	4473	[7102, 7103]	7935	[9608, 10734]	11397	[5286, 12725]
1012	[1943, 1944]	4474	[6473, 7104]	7936	[4634, 10879]	11398	[4827, 11089]
1013	[1945, 1946]	4475	[6013, 939]	7937	[8651, 10880]	11399	[8597, 5707]
1014	[1947, 1948]	4476	[7105, 7106]	7938	[3798, 10881]	11400	[12726, 12727]
1015	[708, 1949]	4477	[7107, 5992]	7939	[4614, 10882]	11401	[5184, 10251]
1016	[1950, 1951]	4478	[2852, 6555]	7940	[10883, 5508]	11402	[12728, 12729]
1017	[1952, 1953]	4479	[515, 7108]	7941	[10884, 10885]	11403	[12730, 12731]
1018	[1954, 1955]	4480	[3253, 2692]	7942	[10611, 10886]	11404	[3332, 12732]
1019	[245, 1956]	4481	[7109, 2777]	7943	[10887, 10123]	11405	[12733, 10702]
1020	[1957, 1915]	4482	[3097, 7110]	7944	[4659, 10121]	11406	[9905, 12734]
1021	[1958, 1959]	4483	[7111, 1980]	7945	[10888, 10889]	11407	[12735, 1837]
1022	[1960, 1961]	4484	[7112, 7113]	7946	[5329, 10890]	11408	[12736, 3772]
1023	[1962, 755]	4485	[7114, 3269]	7947	[10891, 3655]	11409	[12661, 9801]
1024	[1963, 1964]	4486	[7115, 7116]	7948	[10892, 9893]	11410	[12737, 10641]
1025	[927, 1965]	4487	[2375, 2493]	7949	[10893, 10894]	11411	[11031, 10732]
1026	[1966, 1967]	4488	[7117, 3084]	7950	[10895, 10896]	11412	[10387, 10976]
1027	[1968, 1918]	4489	[6844, 7118]	7951	[8634, 10897]	11413	[12738, 12739]
1028	[1969, 1970]	4490	[6550, 7119]	7952	[10898, 10572]	11414	[12740, 12741]
1029	[1971, 1972]	4491	[7120, 7121]	7953	[10899, 10900]	11415	[10900, 12559]
1030	[1973, 1951]	4492	[1933, 6907]	7954	[10901, 10902]	11416	[3560, 9765]
1031	[1974, 1975]	4493	[7122, 2272]	7955	[437, 10903]	11417	[12742, 12743]
1032	[1976, 1977]	4494	[7123, 7124]	7956	[10904, 9310]	11418	[10436, 1146]
1033	[1978, 1979]	4495	[7125, 6470]	7957	[5404, 9825]	11419	[12744, 5647]
1034	[1980, 1981]	4496	[7126, 2611]	7958	[10905, 5098]	11420	[4109, 5196]
1035	[659, 1982]	4497	[2205, 7127]	7959	[8853, 10906]	11421	[12745, 12666]
1036	[1983, 1984]	4498	[7128, 7129]	7960	[10907, 10186]	11422	[12746, 10839]
1037	[1985, 1986]	4499	[7130, 7131]	7961	[10908, 10909]	11423	[12747, 12748]

1038	[1987, 1988]	4500	[214, 6538]	7962	[10910, 10355]	11424	[1028, 12558]
1039	[1989, 1990]	4501	[2252, 2644]	7963	[10911, 10912]	11425	[12749, 10948]
1040	[1991, 1992]	4502	[695, 7132]	7964	[10913, 10914]	11426	[1849, 10955]
1041	[1993, 873]	4503	[557, 6411]	7965	[10038, 10915]	11427	[12750, 1446]
1042	[1994, 1995]	4504	[7133, 7134]	7966	[8253, 10916]	11428	[9644, 8807]
1043	[1996, 1997]	4505	[6184, 7135]	7967	[10917, 1430]	11429	[12751, 12752]
1044	[1998, 1999]	4506	[6487, 213]	7968	[10918, 10919]	11430	[12753, 4380]
1045	[2000, 53]	4507	[2883, 7136]	7969	[3454, 4594]	11431	[12754, 12755]
1046	[1987, 2001]	4508	[800, 7137]	7970	[10920, 10417]	11432	[10158, 3683]
1047	[2002, 2003]	4509	[6209, 7138]	7971	[3724, 8492]	11433	[12756, 12757]
1048	[2004, 2005]	4510	[6640, 2137]	7972	[10921, 10679]	11434	[12758, 8393]
1049	[2006, 169]	4511	[5783, 157]	7973	[10922, 10923]	11435	[10174, 3965]
1050	[2007, 2008]	4512	[3197, 7139]	7974	[10924, 10925]	11436	[9946, 10957]
1051	[2009, 2010]	4513	[2723, 7140]	7975	[8266, 8269]	11437	[8835, 5417]
1052	[2011, 2012]	4514	[3102, 6430]	7976	[10696, 10926]	11438	[4764, 9473]
1053	[2013, 2014]	4515	[2361, 6728]	7977	[4041, 10705]	11439	[1435, 11080]
1054	[671, 2015]	4516	[6570, 7141]	7978	[10927, 10928]	11440	[12759, 9422]
1055	[920, 2016]	4517	[7142, 7143]	7979	[8745, 10929]	11441	[12760, 12761]
1056	[2016, 917]	4518	[2154, 2116]	7980	[9595, 1599]	11442	[12762, 12763]
1057	[2017, 2018]	4519	[7144, 2983]	7981	[9600, 10930]	11443	[12764, 9225]
1058	[2019, 2020]	4520	[244, 7145]	7982	[4540, 10931]	11444	[9494, 5415]
1059	[2021, 2022]	4521	[3063, 1977]	7983	[10932, 10933]	11445	[12765, 9976]
1060	[2023, 2024]	4522	[3196, 867]	7984	[8961, 10934]	11446	[12766, 12767]
1061	[748, 2025]	4523	[7146, 7147]	7985	[9426, 10935]	11447	[12768, 9947]
1062	[2026, 2027]	4524	[7148, 1926]	7986	[10936, 9063]	11448	[12769, 9697]
1063	[2028, 2029]	4525	[1906, 7149]	7987	[8783, 9656]	11449	[12770, 8380]
1064	[2030, 2031]	4526	[6226, 7150]	7988	[1475, 10937]	11450	[10939, 10242]
1065	[2032, 2033]	4527	[7151, 7152]	7989	[10938, 10939]	11451	[5193, 9439]
1066	[916, 2034]	4528	[7153, 7154]	7990	[10940, 10231]	11452	[10953, 12712]
1067	[2035, 2036]	4529	[7155, 2306]	7991	[10941, 5249]	11453	[1594, 12771]
1068	[2037, 2038]	4530	[7156, 7157]	7992	[10942, 4815]	11454	[10232, 12772]
1069	[2039, 1961]	4531	[7158, 7049]	7993	[10943, 10944]	11455	[12773, 12774]
1070	[2040, 2041]	4532	[6554, 633]	7994	[5123, 3693]	11456	[324, 1286]
1071	[2004, 2042]	4533	[7159, 7160]	7995	[9791, 10945]	11457	[12775, 8954]
1072	[2043, 154]	4534	[7161, 7103]	7996	[3546, 10946]	11458	[12776, 4998]
1073	[2044, 2045]	4535	[865, 7162]	7997	[10947, 9629]	11459	[9085, 10917]
1074	[682, 2046]	4536	[7163, 7164]	7998	[10080, 4207]	11460	[12777, 10895]
1075	[745, 2047]	4537	[5864, 7165]	7999	[10948, 10949]	11461	[10328, 12778]
1076	[2048, 2049]	4538	[2202, 2345]	8000	[9748, 10950]	11462	[1322, 4873]
1077	[144, 2050]	4539	[6558, 7166]	8001	[9626, 9863]	11463	[12779, 11021]
1078	[2051, 2052]	4540	[2627, 7167]	8002	[10951, 10952]	11464	[12780, 8693]
1079	[2053, 2054]	4541	[3275, 7168]	8003	[4466, 10953]	11465	[10368, 12781]
1080	[2055, 2056]	4542	[7169, 7170]	8004	[8782, 10954]	11466	[12782, 8702]
1081	[2057, 2058]	4543	[3166, 2019]	8005	[8510, 10528]	11467	[8592, 12624]

1082	[2059, 2060]	4544	[7171, 2943]	8006	[10955, 8616]	11468	[12552, 1033]
1083	[2061, 1976]	4545	[700, 7172]	8007	[10956, 8676]	11469	[12783, 4588]
1084	[2062, 2063]	4546	[637, 7173]	8008	[10957, 3786]	11470	[4095, 10548]
1085	[509, 2064]	4547	[7174, 2428]	8009	[10958, 10074]	11471	[8472, 12784]
1086	[2065, 1884]	4548	[7175, 5878]	8010	[10959, 3403]	11472	[12785, 12786]
1087	[952, 2066]	4549	[7176, 7177]	8011	[8804, 1455]	11473	[9051, 8589]
1088	[2067, 734]	4550	[3205, 7178]	8012	[3448, 5563]	11474	[9304, 3955]
1089	[2068, 2069]	4551	[7179, 7180]	8013	[1100, 8228]	11475	[10394, 12787]
1090	[2070, 2071]	4552	[2006, 531]	8014	[10633, 9767]	11476	[5708, 12788]
1091	[2072, 2073]	4553	[7181, 753]	8015	[9995, 10189]	11477	[10584, 4875]
1092	[2074, 720]	4554	[6946, 7182]	8016	[326, 10960]	11478	[3488, 1385]
1093	[2075, 2076]	4555	[7106, 619]	8017	[8410, 8923]	11479	[12789, 12790]
1094	[2077, 2078]	4556	[3058, 7183]	8018	[10517, 1007]	11480	[9490, 10802]
1095	[2079, 1899]	4557	[7184, 7185]	8019	[10961, 10962]	11481	[11041, 12791]
1096	[2080, 2081]	4558	[755, 7186]	8020	[10963, 10964]	11482	[338, 12792]
1097	[2082, 2083]	4559	[6636, 2635]	8021	[10965, 8907]	11483	[12793, 3485]
1098	[2084, 2085]	4560	[7187, 5881]	8022	[10966, 10967]	11484	[12794, 3921]
1099	[2086, 2087]	4561	[6922, 6118]	8023	[1830, 10968]	11485	[10246, 12795]
1100	[1931, 1949]	4562	[7188, 7189]	8024	[10969, 10970]	11486	[12796, 9806]
1101	[2088, 2089]	4563	[7190, 7134]	8025	[10971, 1569]	11487	[9372, 3516]
1102	[2090, 2091]	4564	[6835, 7191]	8026	[1751, 10972]	11488	[1273, 1316]
1103	[2092, 2093]	4565	[7192, 7193]	8027	[10973, 9245]	11489	[12797, 12798]
1104	[2094, 2095]	4566	[7194, 750]	8028	[8449, 9182]	11490	[3883, 12799]
1105	[2096, 2097]	4567	[7195, 6299]	8029	[10974, 10975]	11491	[10835, 12800]
1106	[2098, 2099]	4568	[6920, 513]	8030	[8744, 10965]	11492	[12801, 10166]
1107	[2100, 2101]	4569	[7196, 3104]	8031	[5016, 9461]	11493	[9537, 10143]
1108	[674, 2102]	4570	[7197, 7198]	8032	[10976, 95]	11494	[12802, 4372]
1109	[2103, 2104]	4571	[7199, 7200]	8033	[8751, 5020]	11495	[10529, 8775]
1110	[2105, 2106]	4572	[7201, 7202]	8034	[4929, 10421]	11496	[12803, 12804]
1111	[755, 2107]	4573	[7203, 7204]	8035	[10977, 10978]	11497	[1504, 12805]
1112	[2108, 2109]	4574	[7205, 7122]	8036	[9593, 10979]	11498	[8715, 9258]
1113	[2110, 2111]	4575	[7206, 3092]	8037	[10780, 10810]	11499	[12806, 12807]
1114	[2112, 2113]	4576	[7207, 1999]	8038	[1653, 10980]	11500	[1488, 12808]
1115	[2114, 2115]	4577	[2491, 2885]	8039	[10981, 8899]	11501	[5724, 12809]
1116	[2116, 2117]	4578	[7208, 7209]	8040	[10624, 3917]	11502	[8813, 1377]
1117	[2118, 697]	4579	[655, 7210]	8041	[8445, 10982]	11503	[1574, 8890]
1118	[2119, 2120]	4580	[2203, 2346]	8042	[1139, 1656]	11504	[10827, 3431]
1119	[2121, 2122]	4581	[7211, 6693]	8043	[1135, 10521]	11505	[3685, 10990]
1120	[2123, 2124]	4582	[6905, 2698]	8044	[10983, 4315]	11506	[5064, 10017]
1121	[593, 2125]	4583	[6709, 1892]	8045	[8318, 4313]	11507	[12715, 12810]
1122	[2126, 2027]	4584	[5933, 7098]	8046	[9082, 5200]	11508	[9931, 12811]
1123	[2127, 2128]	4585	[6024, 2922]	8047	[4308, 9037]	11509	[4841, 12812]
1124	[2129, 2130]	4586	[7212, 2043]	8048	[3440, 10984]	11510	[12507, 4716]
1125	[2131, 2132]	4587	[2566, 7213]	8049	[10582, 4840]	11511	[9386, 9403]

1126	[2133, 2134]	4588	[6355, 6497]	8050	[10985, 5690]	11512	[8535, 12813]
1127	[2135, 828]	4589	[7214, 7215]	8051	[8979, 3559]	11513	[5270, 3455]
1128	[505, 2136]	4590	[6485, 7216]	8052	[10986, 10483]	11514	[12814, 1754]
1129	[2137, 2138]	4591	[7217, 7218]	8053	[10987, 9010]	11515	[12815, 12816]
1130	[2139, 2140]	4592	[7219, 6611]	8054	[10988, 1243]	11516	[10250, 5615]
1131	[2141, 147]	4593	[3082, 3027]	8055	[8278, 10989]	11517	[3690, 5139]
1132	[2142, 2143]	4594	[7220, 5740]	8056	[1626, 3344]	11518	[3484, 9625]
1133	[2144, 2145]	4595	[7221, 7222]	8057	[10990, 10991]	11519	[12817, 12818]
1134	[2146, 2147]	4596	[7223, 7224]	8058	[10992, 10993]	11520	[12819, 12820]
1135	[2148, 2149]	4597	[3134, 7225]	8059	[1609, 1274]	11521	[5582, 10052]
1136	[2150, 2151]	4598	[6677, 890]	8060	[10994, 121]	11522	[9175, 12821]
1137	[2152, 2153]	4599	[5939, 7226]	8061	[10995, 10996]	11523	[12822, 12823]
1138	[2154, 2155]	4600	[7227, 7228]	8062	[10997, 10998]	11524	[8553, 12740]
1139	[1978, 2156]	4601	[7229, 7158]	8063	[10999, 11000]	11525	[10091, 12824]
1140	[2157, 2158]	4602	[6003, 7230]	8064	[8625, 4284]	11526	[10093, 12825]
1141	[2159, 2160]	4603	[2659, 7231]	8065	[11001, 11002]	11527	[12826, 12827]
1142	[2161, 2162]	4604	[2980, 6675]	8066	[5113, 11003]	11528	[8352, 12828]
1143	[2163, 2164]	4605	[6038, 7232]	8067	[3446, 5330]	11529	[12829, 12635]
1144	[2165, 2166]	4606	[7233, 7234]	8068	[11004, 11005]	11530	[12830, 4382]
1145	[2167, 2168]	4607	[7235, 2053]	8069	[4697, 3750]	11531	[5601, 8705]
1146	[2169, 2170]	4608	[7236, 7237]	8070	[11006, 11007]	11532	[12831, 9803]
1147	[815, 2171]	4609	[7238, 7030]	8071	[11008, 10506]	11533	[5103, 1132]
1148	[2172, 2173]	4610	[2900, 7239]	8072	[11009, 11010]	11534	[4172, 12832]
1149	[2174, 2175]	4611	[7240, 7241]	8073	[9508, 10956]	11535	[1109, 1229]
1150	[2176, 2177]	4612	[7126, 873]	8074	[10930, 1148]	11536	[12833, 12834]
1151	[2178, 2179]	4613	[7242, 6455]	8075	[11011, 11012]	11537	[3371, 12835]
1152	[2180, 2181]	4614	[5744, 2390]	8076	[1147, 11013]	11538	[294, 9632]
1153	[2137, 2182]	4615	[922, 6955]	8077	[1784, 11014]	11539	[9216, 12609]
1154	[2183, 2184]	4616	[6281, 7121]	8078	[3978, 3586]	11540	[10496, 10198]
1155	[2185, 2186]	4617	[2407, 6023]	8079	[11015, 4767]	11541	[12836, 5709]
1156	[2187, 2188]	4618	[6337, 7243]	8080	[5087, 11016]	11542	[12837, 12838]
1157	[785, 504]	4619	[7205, 7056]	8081	[1729, 4576]	11543	[12839, 9127]
1158	[2189, 2190]	4620	[1928, 7244]	8082	[11017, 11018]	11544	[9824, 467]
1159	[2191, 2192]	4621	[3256, 7245]	8083	[8878, 4119]	11545	[12840, 8975]
1160	[2193, 133]	4622	[6695, 7246]	8084	[11019, 10594]	11546	[11062, 4420]
1161	[2194, 2195]	4623	[7247, 7079]	8085	[9614, 8440]	11547	[10438, 12841]
1162	[2196, 2197]	4624	[2243, 524]	8086	[10095, 11020]	11548	[12842, 12843]
1163	[2198, 2199]	4625	[6370, 7248]	8087	[11021, 9685]	11549	[12844, 12845]
1164	[2200, 2201]	4626	[7249, 7250]	8088	[9897, 11022]	11550	[3397, 12846]
1165	[2202, 2203]	4627	[7251, 6118]	8089	[11023, 11024]	11551	[12847, 12848]
1166	[2204, 2205]	4628	[3189, 7167]	8090	[9802, 11025]	11552	[12849, 1335]
1167	[2206, 2207]	4629	[6752, 7252]	8091	[11026, 4986]	11553	[8275, 9798]
1168	[633, 2208]	4630	[7253, 3221]	8092	[10480, 4331]	11554	[3654, 12850]
1169	[2209, 2210]	4631	[5977, 3237]	8093	[8489, 8905]	11555	[12851, 3979]

1170	[2211, 2212]	4632	[7237, 7254]	8094	[11027, 3957]	11556	[9738, 1047]
1171	[2213, 2214]	4633	[5835, 7255]	8095	[11028, 3905]	11557	[9094, 8797]
1172	[2215, 2216]	4634	[7256, 2135]	8096	[11029, 11030]	11558	[10801, 12852]
1173	[2217, 2218]	4635	[2516, 7257]	8097	[9758, 11031]	11559	[12853, 12854]
1174	[2219, 2220]	4636	[2013, 7258]	8098	[11032, 11033]	11560	[12855, 12856]
1175	[2221, 2222]	4637	[6597, 7146]	8099	[1346, 11034]	11561	[12857, 3627]
1176	[60, 152]	4638	[6051, 681]	8100	[3887, 1049]	11562	[3533, 12736]
1177	[2223, 2224]	4639	[2402, 7259]	8101	[11035, 9376]	11563	[12858, 12859]
1178	[2225, 2226]	4640	[7260, 7062]	8102	[9267, 11036]	11564	[10818, 5635]
1179	[2227, 1974]	4641	[3077, 7261]	8103	[11037, 11038]	11565	[10880, 5047]
1180	[2228, 2229]	4642	[3249, 7049]	8104	[11039, 11040]	11566	[12860, 8788]
1181	[2230, 2231]	4643	[7262, 7241]	8105	[1776, 11041]	11567	[9870, 12861]
1182	[2232, 2233]	4644	[7263, 7264]	8106	[8711, 10411]	11568	[8863, 4020]
1183	[2234, 2235]	4645	[7265, 2527]	8107	[11042, 3969]	11569	[8375, 4632]
1184	[2236, 2237]	4646	[6933, 2939]	8108	[11043, 11044]	11570	[5101, 12862]
1185	[2238, 2239]	4647	[7266, 7267]	8109	[11045, 11046]	11571	[10931, 12863]
1186	[2240, 2241]	4648	[7268, 7269]	8110	[4124, 10744]	11572	[12864, 9559]
1187	[2242, 2243]	4649	[7270, 2366]	8111	[11047, 11048]	11573	[9703, 9168]
1188	[2244, 2245]	4650	[7271, 7272]	8112	[11049, 11050]	11574	[9540, 5723]
1189	[2177, 2246]	4651	[3258, 3290]	8113	[4652, 1851]	11575	[12732, 9345]
1190	[2247, 2248]	4652	[3260, 7273]	8114	[1425, 11051]	11576	[5525, 9522]
1191	[704, 2249]	4653	[7274, 1885]	8115	[5023, 10027]	11577	[9839, 5312]
1192	[2250, 2251]	4654	[7275, 179]	8116	[11052, 9091]	11578	[3591, 12865]
1193	[2252, 2253]	4655	[7276, 2193]	8117	[11053, 11054]	11579	[4572, 4867]
1194	[1954, 2254]	4656	[7277, 7278]	8118	[9612, 1829]	11580	[1462, 10720]
1195	[2255, 2256]	4657	[7279, 7056]	8119	[11055, 11056]	11581	[9339, 4702]
1196	[2257, 2258]	4658	[55, 7280]	8120	[4906, 11057]	11582	[12866, 12867]
1197	[2259, 2260]	4659	[935, 7281]	8121	[3990, 11058]	11583	[10565, 8933]
1198	[562, 2261]	4660	[5842, 6491]	8122	[10466, 1204]	11584	[12868, 12869]
1199	[2262, 2263]	4661	[7282, 6827]	8123	[4916, 11059]	11585	[5080, 12870]
1200	[2264, 2265]	4662	[7283, 7284]	8124	[4547, 10026]	11586	[10978, 8887]
1201	[2266, 2267]	4663	[7285, 7286]	8125	[8529, 9181]	11587	[12871, 12872]
1202	[2268, 2269]	4664	[7287, 3270]	8126	[11060, 4887]	11588	[10465, 4756]
1203	[2270, 2271]	4665	[585, 3044]	8127	[11061, 11062]	11589	[8457, 12873]
1204	[2272, 2273]	4666	[2470, 7288]	8128	[5612, 1075]	11590	[12696, 10568]
1205	[2274, 2275]	4667	[7289, 7062]	8129	[8973, 11063]	11591	[12874, 8458]
1206	[944, 2276]	4668	[2412, 931]	8130	[9898, 8528]	11592	[9443, 12875]
1207	[1967, 2277]	4669	[7290, 2542]	8131	[5585, 10416]	11593	[4391, 12876]
1208	[2278, 2279]	4670	[7291, 586]	8132	[1046, 11064]	11594	[12877, 12878]
1209	[9, 2280]	4671	[605, 208]	8133	[11065, 11049]	11595	[12879, 12880]
1210	[2281, 2282]	4672	[7292, 2600]	8134	[9297, 9586]	11596	[5014, 12881]
1211	[2283, 2284]	4673	[858, 7293]	8135	[11066, 11067]	11597	[9763, 4270]
1212	[2285, 2286]	4674	[7294, 2159]	8136	[9603, 9845]	11598	[10119, 12518]
1213	[2287, 2288]	4675	[2189, 2035]	8137	[10379, 4299]	11599	[8204, 12882]

1214	[2289, 2290]	4676	[2536, 5792]	8138	[11068, 3453]	11600	[10452, 12883]
1215	[2291, 2292]	4677	[7295, 7296]	8139	[11069, 11070]	11601	[8346, 4761]
1216	[2293, 927]	4678	[2709, 7297]	8140	[11040, 11071]	11602	[8668, 12884]
1217	[1990, 2294]	4679	[7298, 7299]	8141	[11072, 11073]	11603	[11100, 8305]
1218	[2295, 2296]	4680	[7300, 6129]	8142	[11074, 5643]	11604	[1742, 9155]
1219	[2297, 882]	4681	[7301, 2784]	8143	[4923, 11075]	11605	[5083, 8965]
1220	[2298, 2299]	4682	[7229, 3249]	8144	[10841, 11076]	11606	[5550, 1621]
1221	[2300, 2301]	4683	[7302, 7303]	8145	[457, 11077]	11607	[12885, 9282]
1222	[2302, 2303]	4684	[7304, 7305]	8146	[11078, 9336]	11608	[8670, 10114]
1223	[2304, 2305]	4685	[6292, 2995]	8147	[11079, 5432]	11609	[9408, 12886]
1224	[779, 2306]	4686	[2653, 7306]	8148	[11080, 1467]	11610	[4147, 12887]
1225	[2181, 2307]	4687	[2570, 683]	8149	[11081, 4248]	11611	[12888, 3729]
1226	[2308, 2309]	4688	[7307, 7308]	8150	[5675, 11082]	11612	[1382, 12889]
1227	[756, 2310]	4689	[957, 7309]	8151	[11083, 11084]	11613	[9574, 12890]
1228	[2311, 2312]	4690	[7310, 2697]	8152	[11085, 9682]	11614	[12891, 12892]
1229	[2313, 2314]	4691	[2954, 7311]	8153	[11086, 11087]	11615	[12893, 10243]
1230	[2104, 2315]	4692	[7312, 7313]	8154	[4209, 8536]	11616	[9650, 12894]
1231	[2316, 2317]	4693	[6555, 2471]	8155	[4029, 3473]	11617	[9683, 3803]
1232	[2318, 2319]	4694	[2527, 2656]	8156	[9657, 11088]	11618	[12895, 12582]
1233	[2320, 2321]	4695	[2383, 2943]	8157	[5095, 8223]	11619	[4225, 3329]
1234	[2322, 2323]	4696	[7314, 7315]	8158	[11089, 8371]	11620	[1870, 9998]
1235	[139, 2324]	4697	[7316, 7317]	8159	[11090, 11091]	11621	[12896, 12897]
1236	[2325, 748]	4698	[7318, 6832]	8160	[8729, 11092]	11622	[4503, 10973]
1237	[2084, 941]	4699	[7319, 786]	8161	[10811, 11093]	11623	[1719, 1389]
1238	[2326, 2243]	4700	[2556, 2332]	8162	[11094, 11095]	11624	[12898, 10716]
1239	[2327, 2328]	4701	[7320, 7321]	8163	[11096, 1280]	11625	[9722, 9056]
1240	[2329, 2330]	4702	[7322, 225]	8164	[1634, 11097]	11626	[1283, 8222]
1241	[2331, 2332]	4703	[7181, 7323]	8165	[10773, 9320]	11627	[9447, 5662]
1242	[2333, 2334]	4704	[5850, 7324]	8166	[11098, 8219]	11628	[1102, 12899]
1243	[2335, 941]	4705	[2540, 7325]	8167	[5119, 11099]	11629	[12900, 5003]
1244	[2331, 2336]	4706	[7326, 7327]	8168	[1107, 11100]	11630	[10609, 12901]
1245	[2337, 2338]	4707	[903, 7328]	8169	[10137, 3528]	11631	[3597, 1215]
1246	[2339, 2340]	4708	[7329, 2280]	8170	[11101, 11102]	11632	[12902, 11069]
1247	[2341, 814]	4709	[7330, 2888]	8171	[5500, 11103]	11633	[10807, 12903]
1248	[2342, 595]	4710	[7331, 7332]	8172	[11104, 2129]	11634	[9886, 12598]
1249	[2343, 2344]	4711	[7333, 3322]	8173	[802, 2048]	11635	[12904, 8429]
1250	[2345, 2346]	4712	[7334, 6878]	8174	[11105, 3117]	11636	[10618, 12905]
1251	[2347, 2348]	4713	[7335, 7336]	8175	[11106, 2669]	11637	[12906, 4439]
1252	[2349, 2350]	4714	[2454, 7337]	8176	[11107, 11108]	11638	[1388, 12907]
1253	[2351, 2352]	4715	[54, 6428]	8177	[6496, 6356]	11639	[12908, 12909]
1254	[2353, 2354]	4716	[6192, 7338]	8178	[7639, 6503]	11640	[12910, 1208]
1255	[2355, 2356]	4717	[7339, 7340]	8179	[7926, 7620]	11641	[12911, 9680]
1256	[2357, 2358]	4718	[7341, 2321]	8180	[741, 11109]	11642	[4264, 12912]
1257	[2359, 2360]	4719	[7342, 6655]	8181	[11110, 6413]	11643	[4057, 8936]

1258	[2361, 2362]	4720	[6643, 5919]	8182	[6192, 7958]	11644	[5040, 10375]
1259	[2363, 2364]	4721	[2163, 7343]	8183	[11111, 11112]	11645	[12913, 8896]
1260	[2365, 2366]	4722	[7344, 7345]	8184	[11113, 11114]	11646	[10822, 12914]
1261	[2367, 2368]	4723	[7346, 6341]	8185	[3127, 8053]	11647	[10868, 1099]
1262	[2369, 2158]	4724	[7347, 7348]	8186	[6450, 3222]	11648	[4280, 1039]
1263	[2370, 2371]	4725	[210, 6682]	8187	[2620, 11115]	11649	[10559, 3973]
1264	[2372, 2373]	4726	[7349, 6982]	8188	[11116, 11117]	11650	[12915, 12916]
1265	[2374, 511]	4727	[7350, 2552]	8189	[7745, 7008]	11651	[12778, 12917]
1266	[2375, 2376]	4728	[7351, 710]	8190	[5929, 11118]	11652	[12827, 10830]
1267	[2377, 2378]	4729	[3208, 7352]	8191	[8170, 11119]	11653	[8864, 12918]
1268	[2379, 2380]	4730	[2545, 7353]	8192	[7123, 2967]	11654	[12919, 12920]
1269	[772, 2381]	4731	[7333, 1876]	8193	[11120, 11121]	11655	[3713, 12921]
1270	[2382, 2383]	4732	[6588, 530]	8194	[2351, 2337]	11656	[10053, 12705]
1271	[2384, 2385]	4733	[3137, 7096]	8195	[804, 540]	11657	[12922, 12923]
1272	[2386, 2387]	4734	[7354, 7355]	8196	[11122, 194]	11658	[12924, 8394]
1273	[838, 572]	4735	[7356, 7357]	8197	[2395, 11123]	11659	[9687, 3496]
1274	[2388, 583]	4736	[7358, 7359]	8198	[11124, 7269]	11660	[10301, 349]
1275	[2389, 2390]	4737	[529, 7360]	8199	[39, 11125]	11661	[12925, 12926]
1276	[2391, 2392]	4738	[7361, 7362]	8200	[7656, 6264]	11662	[4681, 10523]
1277	[2393, 2394]	4739	[7363, 6594]	8201	[2676, 2434]	11663	[5163, 10154]
1278	[2395, 2396]	4740	[187, 7364]	8202	[11126, 7789]	11664	[4157, 9466]
1279	[2397, 2398]	4741	[7365, 506]	8203	[7397, 11127]	11665	[5238, 12927]
1280	[2399, 2400]	4742	[136, 7366]	8204	[3152, 6544]	11666	[12928, 4544]
1281	[2401, 2402]	4743	[132, 7367]	8205	[6679, 11128]	11667	[3762, 12929]
1282	[2403, 2404]	4744	[7368, 2150]	8206	[11129, 11130]	11668	[12930, 3721]
1283	[2405, 2406]	4745	[7183, 7369]	8207	[8151, 2703]	11669	[5302, 12931]
1284	[2407, 2408]	4746	[7370, 7371]	8208	[6189, 6343]	11670	[12932, 10344]
1285	[2409, 2410]	4747	[7372, 7222]	8209	[2497, 2172]	11671	[12933, 12934]
1286	[637, 2245]	4748	[6040, 7373]	8210	[11131, 7739]	11672	[8483, 12935]
1287	[2257, 2411]	4749	[7374, 7375]	8211	[11132, 7321]	11673	[12706, 10218]
1288	[2412, 2413]	4750	[7376, 6405]	8212	[7821, 11133]	11674	[12936, 8426]
1289	[249, 2414]	4751	[3243, 7377]	8213	[7770, 7916]	11675	[12634, 12937]
1290	[2415, 2416]	4752	[2174, 661]	8214	[7932, 11134]	11676	[10644, 1520]
1291	[2417, 2418]	4753	[6870, 6794]	8215	[11135, 11136]	11677	[978, 12938]
1292	[2419, 2420]	4754	[7378, 6797]	8216	[7496, 6705]	11678	[5129, 10352]
1293	[2421, 2422]	4755	[5874, 5785]	8217	[6878, 11137]	11679	[10747, 4653]
1294	[2423, 2424]	4756	[888, 5730]	8218	[2321, 7043]	11680	[12939, 12940]
1295	[2425, 2011]	4757	[7379, 5937]	8219	[3260, 7748]	11681	[10833, 9674]
1296	[2426, 2427]	4758	[3301, 7380]	8220	[7861, 768]	11682	[10743, 9129]
1297	[2428, 2429]	4759	[760, 7381]	8221	[11138, 6091]	11683	[1423, 12678]
1298	[62, 2430]	4760	[2294, 6070]	8222	[2404, 923]	11684	[8910, 10739]
1299	[2431, 2432]	4761	[7382, 6513]	8223	[6637, 6903]	11685	[12941, 5088]
1300	[2433, 2434]	4762	[7383, 7342]	8224	[2705, 11139]	11686	[12774, 1398]
1301	[2435, 2436]	4763	[7384, 6754]	8225	[7780, 751]	11687	[1733, 12942]

1302	[2437, 2438]	4764	[7385, 7386]	8226	[11140, 7813]	11688	[1596, 12943]
1303	[2439, 2440]	4765	[7387, 7388]	8227	[11141, 2242]	11689	[12618, 12944]
1304	[2441, 2442]	4766	[2802, 658]	8228	[713, 7413]	11690	[12945, 9280]
1305	[2443, 2444]	4767	[510, 6891]	8229	[8154, 7621]	11691	[500, 12946]
1306	[2445, 2446]	4768	[7389, 6696]	8230	[2572, 11142]	11692	[5459, 12947]
1307	[2447, 2448]	4769	[2903, 7390]	8231	[11143, 11144]	11693	[5165, 1448]
1308	[2449, 2450]	4770	[7391, 7392]	8232	[11145, 2849]	11694	[1565, 12948]
1309	[2451, 2452]	4771	[7393, 2758]	8233	[11146, 6321]	11695	[12949, 12950]
1310	[2453, 2454]	4772	[2175, 936]	8234	[238, 6400]	11696	[12951, 345]
1311	[2455, 2456]	4773	[7394, 6755]	8235	[2069, 11147]	11697	[5213, 8224]
1312	[2457, 2458]	4774	[5963, 7395]	8236	[11148, 2079]	11698	[10627, 5594]
1313	[2459, 2460]	4775	[7396, 6541]	8237	[11149, 3241]	11699	[12952, 10347]
1314	[2461, 2462]	4776	[7397, 7398]	8238	[2133, 11150]	11700	[12953, 10334]
1315	[2463, 2464]	4777	[2224, 6932]	8239	[6741, 7164]	11701	[10890, 12505]
1316	[2465, 2466]	4778	[7399, 2191]	8240	[3183, 2066]	11702	[4508, 11028]
1317	[2467, 1967]	4779	[2184, 7400]	8241	[3232, 7974]	11703	[12954, 10162]
1318	[33, 2333]	4780	[6928, 2137]	8242	[3222, 11151]	11704	[8694, 10992]
1319	[2468, 2469]	4781	[7052, 7401]	8243	[7361, 2563]	11705	[5211, 12955]
1320	[2470, 2471]	4782	[7402, 6392]	8244	[11152, 6108]	11706	[9242, 9955]
1321	[2472, 2473]	4783	[5991, 7403]	8245	[2304, 6175]	11707	[12956, 5039]
1322	[2162, 2474]	4784	[3151, 7404]	8246	[11153, 7455]	11708	[10595, 8340]
1323	[2475, 2476]	4785	[6576, 7405]	8247	[11154, 6941]	11709	[4666, 1683]
1324	[841, 2477]	4786	[7406, 2164]	8248	[11155, 11156]	11710	[11000, 4523]
1325	[2148, 2478]	4787	[2345, 6857]	8249	[11157, 2416]	11711	[9637, 12957]
1326	[520, 2037]	4788	[7407, 2855]	8250	[2942, 3085]	11712	[9554, 9006]
1327	[2479, 2480]	4789	[7408, 2825]	8251	[6593, 5966]	11713	[4033, 5339]
1328	[2481, 2482]	4790	[3238, 7409]	8252	[2561, 6947]	11714	[12741, 12958]
1329	[2483, 2484]	4791	[6802, 7410]	8253	[134, 2466]	11715	[12959, 4647]
1330	[2485, 2486]	4792	[6745, 7411]	8254	[6719, 5788]	11716	[12960, 9174]
1331	[2487, 2488]	4793	[669, 1972]	8255	[2247, 11158]	11717	[12961, 9566]
1332	[2346, 2489]	4794	[7412, 7413]	8256	[7494, 1890]	11718	[1336, 1704]
1333	[2490, 2491]	4795	[7414, 7415]	8257	[11159, 7046]	11719	[10648, 10728]
1334	[252, 577]	4796	[6089, 629]	8258	[6893, 11160]	11720	[12962, 12963]
1335	[2492, 2493]	4797	[970, 3067]	8259	[640, 6166]	11721	[4491, 10789]
1336	[2494, 2495]	4798	[2438, 7416]	8260	[7598, 2951]	11722	[9007, 12964]
1337	[2496, 2497]	4799	[7417, 7418]	8261	[7270, 2968]	11723	[4779, 10518]
1338	[2498, 2499]	4800	[7419, 6626]	8262	[11161, 2816]	11724	[4591, 12560]
1339	[2054, 2500]	4801	[2087, 7355]	8263	[629, 6498]	11725	[10282, 10159]
1340	[2501, 2159]	4802	[2492, 2376]	8264	[11162, 11163]	11726	[1317, 12965]
1341	[2502, 2503]	4803	[7420, 7421]	8265	[11164, 2898]	11727	[3616, 9557]
1342	[2504, 2192]	4804	[5731, 6143]	8266	[810, 11165]	11728	[8272, 10971]
1343	[2505, 2506]	4805	[6359, 2082]	8267	[11166, 6156]	11729	[12767, 12966]
1344	[2507, 2508]	4806	[2262, 5727]	8268	[218, 11167]	11730	[12967, 12968]
1345	[2450, 2509]	4807	[1953, 7422]	8269	[697, 11168]	11731	[12969, 1775]

1346	[2510, 1976]	4808	[7423, 7405]	8270	[11169, 8142]	11732	[12970, 8642]
1347	[2511, 2512]	4809	[7366, 7424]	8271	[11170, 8069]	11733	[10410, 10981]
1348	[2513, 2383]	4810	[7425, 7426]	8272	[8094, 5923]	11734	[12971, 1291]
1349	[1995, 2514]	4811	[5989, 7427]	8273	[879, 2700]	11735	[9853, 10995]
1350	[2515, 2516]	4812	[7428, 2165]	8274	[7135, 11171]	11736	[9441, 10082]
1351	[2517, 2468]	4813	[632, 7429]	8275	[11172, 6463]	11737	[12972, 983]
1352	[1891, 808]	4814	[6974, 7430]	8276	[7810, 6698]	11738	[9173, 8934]
1353	[2518, 2519]	4815	[7431, 5986]	8277	[11173, 11174]	11739	[3647, 12973]
1354	[2520, 2521]	4816	[6007, 6169]	8278	[6250, 11175]	11740	[3709, 3854]
1355	[2522, 2523]	4817	[7432, 7433]	8279	[679, 3204]	11741	[356, 10643]
1356	[2524, 2525]	4818	[7434, 7435]	8280	[7063, 8061]	11742	[9665, 1557]
1357	[2526, 2527]	4819	[7436, 7437]	8281	[11176, 6044]	11743	[4832, 3543]
1358	[2528, 2529]	4820	[7407, 621]	8282	[11177, 11178]	11744	[12974, 10134]
1359	[2530, 2531]	4821	[7438, 7439]	8283	[11179, 2444]	11745	[1240, 12975]
1360	[2532, 886]	4822	[7395, 6101]	8284	[7401, 7553]	11746	[12976, 12747]
1361	[2533, 2534]	4823	[2236, 7440]	8285	[11161, 6759]	11747	[5201, 10212]
1362	[2535, 2536]	4824	[2700, 793]	8286	[11180, 11181]	11748	[5558, 8768]
1363	[2537, 2538]	4825	[7441, 7442]	8287	[6514, 11182]	11749	[9754, 10631]
1364	[2539, 2540]	4826	[7199, 7443]	8288	[1909, 8011]	11750	[10817, 4408]
1365	[2541, 2542]	4827	[6816, 7444]	8289	[11183, 11184]	11751	[3879, 9752]
1366	[2543, 2544]	4828	[7445, 6801]	8290	[7617, 7620]	11752	[12550, 4305]
1367	[2545, 2546]	4829	[7446, 6508]	8291	[6426, 11185]	11753	[12977, 12721]
1368	[2547, 2548]	4830	[3123, 6095]	8292	[6490, 5843]	11754	[9102, 3475]
1369	[2549, 2550]	4831	[7447, 6427]	8293	[738, 6607]	11755	[5156, 10681]
1370	[2278, 2551]	4832	[6983, 7448]	8294	[11186, 3134]	11756	[8511, 8867]
1371	[2552, 2553]	4833	[1884, 7449]	8295	[11187, 11188]	11757	[4354, 12978]
1372	[2554, 2555]	4834	[2608, 7450]	8296	[11189, 11190]	11758	[12979, 12980]
1373	[2556, 2336]	4835	[6042, 7451]	8297	[2425, 7879]	11759	[11077, 4964]
1374	[2557, 2558]	4836	[6528, 7452]	8298	[3072, 967]	11760	[12981, 1648]
1375	[2559, 2560]	4837	[7453, 7454]	8299	[728, 11191]	11761	[3537, 4454]
1376	[2561, 156]	4838	[1992, 7455]	8300	[8159, 11192]	11762	[12982, 12983]
1377	[2562, 2563]	4839	[6803, 7138]	8301	[11193, 3015]	11763	[12984, 12985]
1378	[547, 2564]	4840	[7456, 7457]	8302	[7429, 2208]	11764	[3420, 10412]
1379	[2565, 2566]	4841	[7458, 2232]	8303	[11194, 648]	11765	[8202, 9757]
1380	[2567, 2568]	4842	[7459, 7277]	8304	[2410, 2705]	11766	[8985, 12986]
1381	[2569, 2570]	4843	[7460, 7461]	8305	[2530, 2651]	11767	[5105, 12745]
1382	[2571, 2572]	4844	[2801, 657]	8306	[7838, 2173]	11768	[366, 12987]
1383	[2573, 32]	4845	[7462, 6651]	8307	[11195, 3293]	11769	[12988, 12534]
1384	[2574, 2486]	4846	[6561, 7463]	8308	[5988, 11196]	11770	[8268, 5038]
1385	[2575, 2576]	4847	[7464, 7465]	8309	[7372, 11197]	11771	[8270, 9535]
1386	[2577, 207]	4848	[2312, 7466]	8310	[11198, 6752]	11772	[9596, 8378]
1387	[2578, 2579]	4849	[7467, 6217]	8311	[2064, 2206]	11773	[4571, 10372]
1388	[2580, 2581]	4850	[7277, 7468]	8312	[7220, 11199]	11774	[12989, 9111]
1389	[2169, 2582]	4851	[7469, 6665]	8313	[11200, 690]	11775	[1263, 12990]

1390	[2583, 2584]	4852	[7470, 7471]	8314	[11201, 2226]	11776	[5309, 12991]
1391	[2585, 2586]	4853	[2104, 7472]	8315	[11202, 11203]	11777	[10682, 1595]
1392	[2587, 2588]	4854	[2674, 1950]	8316	[11204, 11205]	11778	[4300, 12992]
1393	[2589, 2590]	4855	[6883, 7473]	8317	[6188, 6342]	11779	[433, 12993]
1394	[2128, 2591]	4856	[861, 7474]	8318	[11206, 3178]	11780	[12994, 10610]
1395	[2592, 2154]	4857	[7094, 2818]	8319	[11207, 6741]	11781	[4835, 12995]
1396	[2593, 821]	4858	[7475, 7476]	8320	[11208, 7017]	11782	[8698, 10864]
1397	[2038, 2594]	4859	[1938, 3247]	8321	[11209, 11210]	11783	[12996, 12997]
1398	[884, 2595]	4860	[7477, 7478]	8322	[11211, 11212]	11784	[1259, 12998]
1399	[2596, 2597]	4861	[7479, 691]	8323	[11213, 2616]	11785	[12999, 13000]
1400	[2598, 2599]	4862	[7480, 7481]	8324	[5808, 11214]	11786	[13001, 8282]
1401	[2585, 2600]	4863	[36, 7482]	8325	[11215, 2428]	11787	[8538, 5677]
1402	[2107, 2545]	4864	[7483, 785]	8326	[11216, 684]	11788	[13002, 3596]
1403	[2601, 2602]	4865	[7484, 7485]	8327	[11217, 3267]	11789	[10176, 13003]
1404	[2603, 2604]	4866	[7486, 3212]	8328	[847, 7593]	11790	[13004, 3865]
1405	[2605, 2606]	4867	[7487, 7488]	8329	[11218, 6226]	11791	[13005, 3569]
1406	[2607, 2608]	4868	[7202, 7477]	8330	[6447, 6050]	11792	[5215, 13006]
1407	[2609, 2610]	4869	[2311, 7489]	8331	[241, 6943]	11793	[4341, 4746]
1408	[1993, 2611]	4870	[7490, 7491]	8332	[8118, 952]	11794	[9536, 10983]
1409	[2612, 149]	4871	[7492, 6032]	8333	[6532, 2232]	11795	[9204, 11061]
1410	[2613, 2614]	4872	[3133, 5871]	8334	[8099, 8084]	11796	[4755, 8201]
1411	[2615, 2616]	4873	[2367, 7493]	8335	[8003, 2870]	11797	[4995, 997]
1412	[2617, 2618]	4874	[2997, 7494]	8336	[11219, 11220]	11798	[13007, 13008]
1413	[2619, 2620]	4875	[7467, 7495]	8337	[11221, 2998]	11799	[13009, 13010]
1414	[941, 2621]	4876	[7496, 745]	8338	[5826, 6436]	11800	[13011, 8481]
1415	[2622, 2623]	4877	[773, 7497]	8339	[6994, 2693]	11801	[10914, 4060]
1416	[2624, 2625]	4878	[7498, 827]	8340	[555, 2260]	11802	[4474, 13012]
1417	[2626, 2627]	4879	[793, 623]	8341	[778, 7155]	11803	[13013, 9723]
1418	[2628, 2629]	4880	[7203, 7499]	8342	[11222, 11223]	11804	[13014, 13015]
1419	[2630, 608]	4881	[662, 6595]	8343	[11224, 11225]	11805	[480, 13016]
1420	[2631, 2632]	4882	[7500, 7501]	8344	[11226, 11227]	11806	[8189, 13017]
1421	[2633, 520]	4883	[7502, 143]	8345	[11228, 3144]	11807	[4620, 13018]
1422	[2634, 2635]	4884	[6343, 7503]	8346	[11229, 11230]	11808	[13019, 5510]
1423	[2636, 2637]	4885	[2892, 6389]	8347	[6146, 6633]	11809	[13020, 13021]
1424	[2638, 2639]	4886	[7504, 7505]	8348	[6693, 704]	11810	[5600, 13022]
1425	[2640, 2641]	4887	[6327, 7506]	8349	[2863, 2420]	11811	[1214, 9965]
1426	[2642, 2643]	4888	[2296, 7388]	8350	[2484, 139]	11812	[9926, 3510]
1427	[2644, 2645]	4889	[5786, 6592]	8351	[6169, 11231]	11813	[13023, 10312]
1428	[2646, 2647]	4890	[7507, 6213]	8352	[11232, 2956]	11814	[1860, 87]
1429	[2648, 2649]	4891	[7508, 7509]	8353	[6753, 7834]	11815	[13024, 5589]
1430	[2650, 2651]	4892	[6053, 517]	8354	[2186, 902]	11816	[5530, 9653]
1431	[2183, 507]	4893	[7510, 7511]	8355	[8095, 2421]	11817	[8332, 5228]
1432	[2652, 2653]	4894	[6805, 7512]	8356	[2841, 8133]	11818	[8557, 13025]
1433	[2654, 2655]	4895	[7513, 7514]	8357	[203, 708]	11819	[13026, 5449]

1434	[2656, 2657]	4896	[7515, 7516]	8358	[6998, 11233]	11820	[13027, 1101]
1435	[2658, 2659]	4897	[7517, 1930]	8359	[1899, 8074]	11821	[92, 12495]
1436	[2660, 2661]	4898	[7518, 6269]	8360	[2630, 6970]	11822	[13028, 3807]
1437	[2662, 200]	4899	[7519, 7520]	8361	[2608, 6972]	11823	[13029, 13030]
1438	[2663, 2664]	4900	[7521, 2003]	8362	[2558, 11234]	11824	[10968, 13031]
1439	[2665, 2666]	4901	[7141, 6599]	8363	[11235, 11236]	11825	[13032, 8712]
1440	[2667, 2668]	4902	[835, 1969]	8364	[2862, 11237]	11826	[13033, 13034]
1441	[2669, 819]	4903	[7522, 2292]	8365	[857, 11173]	11827	[13035, 5041]
1442	[2670, 2671]	4904	[7456, 7523]	8366	[11238, 7927]	11828	[8287, 13036]
1443	[2353, 2672]	4905	[5768, 7524]	8367	[11239, 6429]	11829	[8700, 13037]
1444	[2673, 2674]	4906	[7219, 6339]	8368	[11240, 2028]	11830	[1161, 9230]
1445	[2675, 2676]	4907	[135, 7275]	8369	[1995, 6924]	11831	[10284, 13038]
1446	[2677, 2678]	4908	[3233, 7076]	8370	[7033, 11241]	11832	[13039, 13040]
1447	[2679, 2680]	4909	[5924, 7245]	8371	[7444, 8156]	11833	[13041, 13042]
1448	[183, 876]	4910	[7525, 7526]	8372	[7774, 2157]	11834	[3618, 10034]
1449	[2681, 2263]	4911	[215, 6620]	8373	[905, 6978]	11835	[13043, 13044]
1450	[2194, 2682]	4912	[7527, 6410]	8374	[11242, 7237]	11836	[13045, 8722]
1451	[2683, 2684]	4913	[1891, 2057]	8375	[7035, 2059]	11837	[13046, 13047]
1452	[2316, 2685]	4914	[1893, 7528]	8376	[7442, 908]	11838	[13010, 13048]
1453	[244, 2686]	4915	[6924, 6760]	8377	[6469, 11243]	11839	[9488, 4201]
1454	[2687, 2688]	4916	[7529, 7530]	8378	[3200, 11244]	11840	[13049, 13050]
1455	[34, 2689]	4917	[582, 7026]	8379	[6433, 11245]	11841	[13051, 9651]
1456	[2690, 2691]	4918	[7308, 41]	8380	[11246, 6430]	11842	[13052, 9379]
1457	[2692, 2693]	4919	[5791, 7531]	8381	[5898, 11108]	11843	[1016, 9725]
1458	[2596, 2694]	4920	[5961, 7532]	8382	[5833, 11247]	11844	[13053, 13054]
1459	[2695, 2696]	4921	[7533, 7305]	8383	[6609, 6441]	11845	[11030, 1150]
1460	[2697, 2698]	4922	[7534, 7535]	8384	[7048, 3026]	11846	[12727, 13055]
1461	[2699, 2700]	4923	[2015, 2176]	8385	[7263, 11248]	11847	[10735, 8550]
1462	[2701, 2702]	4924	[2241, 882]	8386	[6207, 7651]	11848	[10170, 13056]
1463	[840, 2703]	4925	[6458, 5913]	8387	[2089, 7864]	11849	[1649, 3942]
1464	[2704, 811]	4926	[7536, 7537]	8388	[11249, 11250]	11850	[5296, 13057]
1465	[2705, 2706]	4927	[6285, 7193]	8389	[3198, 6452]	11851	[4298, 13058]
1466	[2707, 531]	4928	[959, 2005]	8390	[7589, 11251]	11852	[13059, 3813]
1467	[2659, 835]	4929	[7538, 728]	8391	[7443, 11252]	11853	[12484, 8681]
1468	[2708, 2709]	4930	[7539, 7540]	8392	[681, 6944]	11854	[8731, 13060]
1469	[2710, 2711]	4931	[6484, 6983]	8393	[2408, 3275]	11855	[4087, 9440]
1470	[679, 2712]	4932	[717, 7541]	8394	[2044, 11253]	11856	[4977, 12989]
1471	[715, 2398]	4933	[44, 7044]	8395	[11254, 11255]	11857	[8227, 13061]
1472	[2713, 2714]	4934	[6838, 2782]	8396	[11256, 7392]	11858	[13062, 5110]
1473	[2523, 2715]	4935	[7542, 7087]	8397	[11257, 576]	11859	[5572, 9086]
1474	[2716, 2717]	4936	[7543, 7544]	8398	[8015, 6453]	11860	[9505, 1237]
1475	[2718, 2719]	4937	[2059, 7022]	8399	[7579, 2723]	11861	[13063, 13064]
1476	[2720, 2721]	4938	[7545, 5928]	8400	[11239, 3287]	11862	[13065, 4669]
1477	[2722, 591]	4939	[7171, 173]	8401	[11258, 11259]	11863	[8841, 12690]

1478	[2341, 2723]	4940	[7546, 2258]	8402	[2669, 6243]	11864	[11087, 10797]
1479	[955, 2724]	4941	[7547, 2649]	8403	[2217, 11260]	11865	[13066, 9520]
1480	[2725, 2726]	4942	[7548, 7162]	8404	[11261, 6063]	11866	[13048, 4423]
1481	[2727, 2728]	4943	[6966, 7549]	8405	[11262, 6672]	11867	[9089, 3963]
1482	[2729, 2730]	4944	[7550, 7551]	8406	[7242, 852]	11868	[11048, 10666]
1483	[2731, 2732]	4945	[7552, 6170]	8407	[6369, 7295]	11869	[4415, 13067]
1484	[2733, 1903]	4946	[1980, 7553]	8408	[11263, 2194]	11870	[13068, 9509]
1485	[2734, 2735]	4947	[1886, 7554]	8409	[7634, 5856]	11871	[3756, 353]
1486	[2736, 2737]	4948	[7555, 7556]	8410	[2193, 7010]	11872	[13069, 13070]
1487	[2738, 2739]	4949	[7061, 6153]	8411	[7934, 7873]	11873	[8703, 13071]
1488	[2740, 2741]	4950	[201, 964]	8412	[11264, 11265]	11874	[10933, 4925]
1489	[2742, 2743]	4951	[7557, 7558]	8413	[2735, 11266]	11875	[13072, 13073]
1490	[2744, 2745]	4952	[7559, 7560]	8414	[785, 2881]	11876	[8643, 13074]
1491	[2746, 2404]	4953	[6650, 7561]	8415	[11267, 6843]	11877	[13075, 9643]
1492	[2747, 2748]	4954	[2479, 7562]	8416	[6633, 3039]	11878	[9568, 13076]
1493	[2749, 2750]	4955	[7563, 7564]	8417	[5943, 6494]	11879	[10589, 13077]
1494	[2751, 2752]	4956	[6326, 843]	8418	[11268, 6677]	11880	[3667, 13078]
1495	[2753, 2754]	4957	[2052, 7565]	8419	[6729, 8102]	11881	[13057, 12775]
1496	[2121, 2755]	4958	[7566, 7567]	8420	[7584, 11269]	11882	[1693, 13079]
1497	[2756, 2757]	4959	[7039, 5797]	8421	[6081, 916]	11883	[13080, 10647]
1498	[2758, 2326]	4960	[2826, 7568]	8422	[1916, 7185]	11884	[10903, 3354]
1499	[2759, 2760]	4961	[7569, 2904]	8423	[6798, 11270]	11885	[13061, 5341]
1500	[2761, 2762]	4962	[7570, 7571]	8424	[7898, 6968]	11886	[393, 13081]
1501	[2660, 2763]	4963	[7032, 7572]	8425	[6837, 6905]	11887	[5657, 13082]
1502	[2764, 701]	4964	[7573, 2805]	8426	[5896, 11271]	11888	[13083, 4708]
1503	[2765, 34]	4965	[6617, 7520]	8427	[11272, 11273]	11889	[4941, 5081]
1504	[2766, 2767]	4966	[7574, 959]	8428	[2802, 11274]	11890	[13084, 13085]
1505	[2768, 2769]	4967	[5803, 6160]	8429	[11275, 11276]	11891	[12651, 13086]
1506	[2770, 2771]	4968	[2934, 6880]	8430	[11277, 11278]	11892	[10342, 12885]
1507	[2772, 2773]	4969	[7575, 6369]	8431	[11279, 11280]	11893	[4769, 13087]
1508	[2774, 2775]	4970	[7576, 7577]	8432	[11281, 11282]	11894	[13088, 1493]
1509	[2776, 2777]	4971	[7578, 7579]	8433	[11283, 11284]	11895	[12811, 9220]
1510	[2778, 2779]	4972	[7580, 2006]	8434	[11285, 11286]	11896	[13089, 8946]
1511	[2780, 2470]	4973	[7581, 2664]	8435	[7535, 5951]	11897	[3823, 5059]
1512	[2781, 2782]	4974	[7582, 6486]	8436	[2049, 7550]	11898	[13090, 9241]
1513	[2783, 2784]	4975	[7583, 7308]	8437	[11287, 11288]	11899	[13091, 13092]
1514	[2785, 2786]	4976	[7584, 7585]	8438	[11289, 1887]	11900	[12525, 9940]
1515	[2787, 2788]	4977	[5760, 157]	8439	[11290, 7338]	11901	[13093, 11094]
1516	[2789, 2790]	4978	[818, 6243]	8440	[665, 11291]	11902	[4983, 1329]
1517	[2731, 2791]	4979	[3105, 3200]	8441	[8070, 11292]	11903	[13094, 3445]
1518	[2792, 2793]	4980	[7586, 7587]	8442	[3174, 2019]	11904	[12862, 1740]
1519	[2794, 2795]	4981	[7588, 3270]	8443	[11293, 11294]	11905	[11091, 3793]
1520	[2796, 2797]	4982	[2900, 2483]	8444	[11295, 11296]	11906	[5523, 9618]
1521	[2798, 2799]	4983	[7214, 7589]	8445	[6867, 6276]	11907	[13095, 1043]

1522	[2800, 217]	4984	[7590, 7591]	8446	[8102, 2433]	11908	[1168, 4452]
1523	[2801, 2802]	4985	[2421, 2197]	8447	[8057, 7940]	11909	[4387, 13096]
1524	[2803, 2804]	4986	[7592, 7593]	8448	[7043, 3297]	11910	[13097, 13098]
1525	[2457, 2805]	4987	[7594, 2544]	8449	[11297, 11298]	11911	[13099, 10423]
1526	[2806, 2807]	4988	[6505, 7595]	8450	[2116, 3005]	11912	[13100, 12765]
1527	[2808, 2809]	4989	[7596, 795]	8451	[684, 11299]	11913	[13101, 11001]
1528	[2810, 2811]	4990	[2146, 7485]	8452	[11300, 11301]	11914	[12757, 13102]
1529	[2812, 2813]	4991	[1990, 6069]	8453	[193, 2571]	11915	[13103, 9721]
1530	[2814, 2815]	4992	[7597, 7598]	8454	[11302, 750]	11916	[3366, 12536]
1531	[2816, 841]	4993	[7388, 7599]	8455	[723, 2779]	11917	[1657, 10110]
1532	[2817, 2818]	4994	[7600, 5885]	8456	[3253, 6994]	11918	[13104, 13105]
1533	[2811, 2819]	4995	[7601, 1916]	8457	[6430, 7045]	11919	[13106, 8842]
1534	[677, 2820]	4996	[7602, 772]	8458	[2379, 11174]	11920	[8485, 3617]
1535	[694, 2821]	4997	[5891, 7017]	8459	[7875, 11137]	11921	[13107, 8188]
1536	[2260, 2822]	4998	[3235, 7550]	8460	[7738, 11303]	11922	[4825, 12733]
1537	[2823, 226]	4999	[6066, 6335]	8461	[7233, 2194]	11923	[10112, 13108]
1538	[2824, 2825]	5000	[2295, 7387]	8462	[11304, 6106]	11924	[13109, 10237]
1539	[2826, 2827]	5001	[759, 3031]	8463	[5924, 11305]	11925	[13110, 4915]
1540	[2828, 2829]	5002	[7294, 7013]	8464	[527, 241]	11926	[9421, 8309]
1541	[2830, 2831]	5003	[2967, 1971]	8465	[11306, 6632]	11927	[10202, 9544]
1542	[688, 2832]	5004	[6644, 7603]	8466	[6143, 2760]	11928	[9361, 9289]
1543	[2833, 2834]	5005	[7604, 7605]	8467	[7681, 5757]	11929	[5691, 10940]
1544	[2835, 2836]	5006	[7606, 2680]	8468	[5776, 11205]	11930	[8236, 13111]
1545	[2837, 2838]	5007	[538, 7607]	8469	[11307, 2479]	11931	[5033, 13112]
1546	[2839, 2840]	5008	[7608, 7609]	8470	[11308, 7081]	11932	[13113, 11047]
1547	[2841, 2842]	5009	[7610, 2997]	8471	[11309, 11310]	11933	[4985, 4628]
1548	[2843, 2518]	5010	[2673, 7611]	8472	[8149, 11180]	11934	[10769, 10796]
1549	[2844, 2845]	5011	[6672, 2193]	8473	[673, 11311]	11935	[4407, 10297]
1550	[2846, 2583]	5012	[7612, 2709]	8474	[11297, 11312]	11936	[10645, 4731]
1551	[2847, 2848]	5013	[6010, 7613]	8475	[11313, 11314]	11937	[9928, 3536]
1552	[2849, 2850]	5014	[6817, 7614]	8476	[11315, 592]	11938	[10457, 13114]
1553	[2851, 2852]	5015	[7347, 7615]	8477	[6935, 11316]	11939	[13079, 1304]
1554	[2077, 2853]	5016	[7616, 6613]	8478	[6665, 1920]	11940	[11102, 8286]
1555	[2854, 142]	5017	[6544, 5753]	8479	[11317, 2839]	11941	[13115, 4946]
1556	[2256, 749]	5018	[2968, 7617]	8480	[11318, 608]	11942	[13116, 13117]
1557	[2165, 2402]	5019	[7618, 2714]	8481	[7608, 11319]	11943	[8601, 13118]
1558	[620, 2855]	5020	[7619, 6671]	8482	[613, 11320]	11944	[4987, 9751]
1559	[2856, 854]	5021	[5922, 6717]	8483	[7724, 1983]	11945	[9977, 13119]
1560	[2857, 2858]	5022	[6758, 2816]	8484	[7811, 11321]	11946	[3783, 4275]
1561	[2859, 2860]	5023	[7620, 7621]	8485	[11322, 11225]	11947	[10970, 13120]
1562	[2419, 2861]	5024	[7156, 1879]	8486	[6064, 11323]	11948	[5681, 10592]
1563	[50, 2862]	5025	[7622, 6727]	8487	[11324, 2992]	11949	[13121, 10197]
1564	[2863, 2861]	5026	[7623, 7624]	8488	[6972, 11325]	11950	[9836, 12780]
1565	[2864, 2865]	5027	[7435, 7625]	8489	[7841, 887]	11951	[8391, 9604]

1566	[2866, 2867]	5028	[7626, 6862]	8490	[11326, 7319]	11952	[13122, 5252]
1567	[2868, 2869]	5029	[7627, 8]	8491	[6086, 11327]	11953	[8955, 13123]
1568	[2228, 2870]	5030	[6822, 780]	8492	[11328, 11329]	11954	[10710, 10203]
1569	[2871, 2872]	5031	[6563, 7389]	8493	[11330, 11331]	11955	[5262, 12719]
1570	[2873, 2874]	5032	[6142, 128]	8494	[11332, 11333]	11956	[10125, 13124]
1571	[2875, 2876]	5033	[7628, 2987]	8495	[11334, 2279]	11957	[10902, 13125]
1572	[2877, 2878]	5034	[7629, 7630]	8496	[11335, 3179]	11958	[10814, 13126]
1573	[2879, 2880]	5035	[6341, 2478]	8497	[7329, 10]	11959	[10294, 13127]
1574	[2881, 2882]	5036	[7631, 7632]	8498	[7968, 8028]	11960	[4968, 12753]
1575	[2883, 2109]	5037	[2965, 6379]	8499	[11317, 7324]	11961	[8856, 13128]
1576	[2884, 2885]	5038	[6156, 2799]	8500	[11336, 2863]	11962	[13129, 10019]
1577	[910, 2886]	5039	[5938, 6503]	8501	[7602, 7041]	11963	[276, 10321]
1578	[2887, 2888]	5040	[6828, 6211]	8502	[5792, 7905]	11964	[10700, 8362]
1579	[2889, 2890]	5041	[7260, 1954]	8503	[7971, 6310]	11965	[4440, 8257]
1580	[2891, 241]	5042	[7633, 6444]	8504	[7210, 6895]	11966	[13130, 13131]
1581	[2892, 2893]	5043	[686, 7469]	8505	[6082, 7001]	11967	[8452, 4592]
1582	[893, 2311]	5044	[7634, 7635]	8506	[7970, 3164]	11968	[10630, 13132]
1583	[2894, 2454]	5045	[2790, 7636]	8507	[6823, 11142]	11969	[4693, 13133]
1584	[2895, 54]	5046	[2793, 6639]	8508	[11337, 2024]	11970	[4459, 9584]
1585	[709, 2896]	5047	[7637, 2972]	8509	[618, 11338]	11971	[13134, 4182]
1586	[2897, 2898]	5048	[7638, 2248]	8510	[11187, 11339]	11972	[12788, 13135]
1587	[2899, 2900]	5049	[705, 961]	8511	[11340, 11341]	11973	[10946, 13136]
1588	[2901, 2902]	5050	[7390, 2518]	8512	[11342, 11343]	11974	[8551, 13137]
1589	[2903, 2843]	5051	[3241, 6028]	8513	[5893, 3172]	11975	[13138, 13139]
1590	[2904, 2400]	5052	[7639, 7640]	8514	[2503, 11178]	11976	[4805, 5191]
1591	[195, 2448]	5053	[7641, 701]	8515	[3300, 3029]	11977	[13140, 13141]
1592	[2905, 211]	5054	[513, 7642]	8516	[7525, 2303]	11978	[3480, 11026]
1593	[2906, 2907]	5055	[556, 2822]	8517	[7831, 11344]	11979	[13142, 13143]
1594	[2908, 2755]	5056	[7643, 7644]	8518	[50, 2176]	11980	[13144, 13145]
1595	[2909, 2910]	5057	[7645, 7646]	8519	[11345, 6528]	11981	[5420, 8678]
1596	[2911, 2293]	5058	[2833, 7647]	8520	[6387, 11346]	11982	[4396, 8336]
1597	[2676, 2912]	5059	[2469, 7648]	8521	[5837, 11347]	11983	[12670, 10308]
1598	[2913, 2914]	5060	[7649, 7650]	8522	[7498, 5930]	11984	[3939, 4030]
1599	[2915, 2916]	5061	[5793, 7651]	8523	[5782, 11348]	11985	[13146, 10107]
1600	[2917, 200]	5062	[5962, 661]	8524	[11349, 3197]	11986	[12804, 12758]
1601	[2918, 2919]	5063	[7652, 6253]	8525	[6608, 11350]	11987	[12852, 11083]
1602	[2920, 2921]	5064	[2829, 7653]	8526	[7174, 5782]	11988	[5028, 5565]
1603	[2721, 2922]	5065	[2670, 534]	8527	[2875, 11351]	11989	[5669, 12697]
1604	[2923, 2329]	5066	[739, 7654]	8528	[7416, 3296]	11990	[13147, 13091]
1605	[2924, 42]	5067	[7655, 209]	8529	[3108, 7541]	11991	[9067, 13148]
1606	[2925, 694]	5068	[2337, 7656]	8530	[2079, 6256]	11992	[10444, 8193]
1607	[2926, 2927]	5069	[7588, 7657]	8531	[954, 3216]	11993	[10109, 10963]
1608	[2928, 2578]	5070	[7658, 7659]	8532	[11352, 3211]	11994	[12615, 9194]
1609	[2929, 2930]	5071	[6659, 3314]	8533	[230, 11353]	11995	[13149, 13150]

1610	[2931, 2932]	5072	[6774, 7152]	8534	[7944, 11354]	11996	[12535, 13151]
1611	[2933, 2934]	5073	[7660, 6909]	8535	[6751, 6106]	11997	[10708, 13152]
1612	[2935, 2936]	5074	[7533, 7661]	8536	[207, 11355]	11998	[10468, 13153]
1613	[2937, 2938]	5075	[7662, 2116]	8537	[6812, 7186]	11999	[13154, 12945]
1614	[2939, 2940]	5076	[7663, 6300]	8538	[6778, 1926]	12000	[10222, 13155]
1615	[2941, 2942]	5077	[7664, 938]	8539	[1873, 11356]	12001	[10620, 10911]
1616	[2943, 174]	5078	[6334, 6067]	8540	[6157, 1909]	12002	[10843, 13156]
1617	[871, 2944]	5079	[6949, 7342]	8541	[5980, 11357]	12003	[4043, 9602]
1618	[2945, 2946]	5080	[6915, 7461]	8542	[6854, 11180]	12004	[13157, 9773]
1619	[2947, 2948]	5081	[7665, 6722]	8543	[6598, 7147]	12005	[12881, 13158]
1620	[2949, 2687]	5082	[2649, 6884]	8544	[11358, 2075]	12006	[8191, 450]
1621	[2950, 2951]	5083	[579, 7666]	8545	[11359, 5811]	12007	[13159, 13160]
1622	[2188, 2952]	5084	[7667, 3094]	8546	[3044, 11360]	12008	[13161, 13162]
1623	[2857, 2953]	5085	[7668, 6328]	8547	[7284, 7680]	12009	[70, 12999]
1624	[2015, 2862]	5086	[7669, 7439]	8548	[6456, 2707]	12010	[13163, 1394]
1625	[2954, 2955]	5087	[7670, 6564]	8549	[11361, 11259]	12011	[4079, 13164]
1626	[2956, 2957]	5088	[7671, 767]	8550	[11362, 5923]	12012	[4389, 5514]
1627	[2958, 2959]	5089	[7566, 6643]	8551	[6935, 6198]	12013	[13165, 5476]
1628	[2960, 2961]	5090	[7672, 7673]	8552	[2426, 7836]	12014	[13166, 13167]
1629	[2962, 2963]	5091	[62, 7674]	8553	[588, 2569]	12015	[1681, 4680]
1630	[2964, 2965]	5092	[7675, 2129]	8554	[2204, 6846]	12016	[1072, 13168]
1631	[2966, 1897]	5093	[2759, 7676]	8555	[7221, 11197]	12017	[8798, 1011]
1632	[2967, 669]	5094	[7677, 7678]	8556	[11363, 6163]	12018	[13169, 8209]
1633	[2365, 2968]	5095	[6599, 7679]	8557	[6954, 6619]	12019	[12659, 3382]
1634	[2969, 2970]	5096	[7111, 7401]	8558	[11364, 11365]	12020	[10759, 13170]
1635	[2971, 2972]	5097	[7680, 7681]	8559	[6634, 11366]	12021	[13171, 13172]
1636	[2973, 798]	5098	[7682, 6400]	8560	[11367, 11368]	12022	[1705, 1196]
1637	[2974, 2975]	5099	[7431, 6038]	8561	[11349, 3041]	12023	[3387, 4803]
1638	[2976, 2977]	5100	[2349, 7683]	8562	[2667, 11369]	12024	[1511, 12952]
1639	[2978, 2979]	5101	[6887, 7317]	8563	[11370, 11371]	12025	[9072, 13173]
1640	[2980, 2981]	5102	[7684, 2142]	8564	[8017, 6246]	12026	[10878, 13174]
1641	[2718, 129]	5103	[7685, 7119]	8565	[11372, 1881]	12027	[13175, 13176]
1642	[2982, 2983]	5104	[6899, 6745]	8566	[6227, 11373]	12028	[13177, 3324]
1643	[2984, 2985]	5105	[7686, 886]	8567	[6616, 7519]	12029	[13178, 5318]
1644	[2986, 147]	5106	[7086, 2269]	8568	[7485, 6799]	12030	[9157, 13179]
1645	[2987, 2988]	5107	[7687, 6397]	8569	[2529, 11374]	12031	[5584, 12644]
1646	[2989, 2990]	5108	[6675, 7688]	8570	[2783, 11375]	12032	[9284, 12519]
1647	[2383, 173]	5109	[42, 1953]	8571	[11376, 2904]	12033	[3864, 4973]
1648	[2991, 2992]	5110	[7689, 7690]	8572	[11377, 6465]	12034	[13180, 13181]
1649	[2993, 2994]	5111	[7691, 7692]	8573	[11378, 5806]	12035	[9108, 1253]
1650	[2995, 2996]	5112	[7693, 7694]	8574	[7444, 7614]	12036	[4346, 13182]
1651	[2997, 877]	5113	[5878, 654]	8575	[2374, 11379]	12037	[5399, 13183]
1652	[2998, 2999]	5114	[7695, 7696]	8576	[7657, 11380]	12038	[13184, 10486]
1653	[2347, 3000]	5115	[7440, 7697]	8577	[2293, 11381]	12039	[13185, 10707]

1654	[3001, 3002]	5116	[7698, 786]	8578	[11382, 7921]	12040	[1675, 1831]
1655	[3003, 3004]	5117	[2266, 7337]	8579	[11272, 11383]	12041	[4605, 9491]
1656	[2155, 3005]	5118	[194, 6823]	8580	[6233, 11384]	12042	[5469, 12716]
1657	[3006, 2130]	5119	[2433, 2912]	8581	[11385, 7609]	12043	[13186, 13104]
1658	[2242, 523]	5120	[7699, 863]	8582	[6205, 757]	12044	[8575, 12517]
1659	[3007, 3008]	5121	[7700, 5964]	8583	[6797, 2932]	12045	[10853, 12879]
1660	[3009, 3010]	5122	[7701, 7702]	8584	[11386, 5774]	12046	[8522, 9039]
1661	[3011, 3012]	5123	[7703, 3213]	8585	[11387, 779]	12047	[3643, 13187]
1662	[3013, 3014]	5124	[243, 7704]	8586	[6953, 11388]	12048	[13188, 13189]
1663	[3015, 3016]	5125	[7705, 7034]	8587	[3247, 11389]	12049	[13190, 5688]
1664	[3017, 550]	5126	[7706, 2757]	8588	[11390, 6852]	12050	[13191, 9185]
1665	[3018, 205]	5127	[7385, 7707]	8589	[11391, 11392]	12051	[4800, 1295]
1666	[3019, 3020]	5128	[2175, 662]	8590	[7789, 161]	12052	[9003, 10662]
1667	[2371, 3021]	5129	[2881, 3150]	8591	[5791, 5792]	12053	[12472, 9799]
1668	[2974, 3022]	5130	[7708, 7709]	8592	[11393, 11394]	12054	[9060, 13192]
1669	[3023, 3024]	5131	[7710, 7711]	8593	[11395, 8040]	12055	[12580, 4507]
1670	[3025, 3026]	5132	[7712, 7713]	8594	[3148, 11396]	12056	[9150, 13193]
1671	[567, 3027]	5133	[2574, 2451]	8595	[6020, 11397]	12057	[13194, 5610]
1672	[3028, 2299]	5134	[7714, 6770]	8596	[751, 2446]	12058	[3779, 5133]
1673	[3029, 3030]	5135	[2762, 2573]	8597	[11398, 8157]	12059	[13195, 10025]
1674	[2864, 3031]	5136	[7715, 1906]	8598	[2320, 7042]	12060	[13196, 469]
1675	[3032, 2864]	5137	[2962, 7272]	8599	[2238, 2441]	12061	[8740, 12599]
1676	[3033, 3034]	5138	[7716, 6184]	8600	[6169, 11399]	12062	[8753, 8834]
1677	[2095, 3035]	5139	[7068, 7717]	8601	[7521, 11400]	12063	[13197, 11065]
1678	[3036, 3037]	5140	[7112, 7718]	8602	[6035, 2573]	12064	[10671, 10181]
1679	[3038, 3039]	5141	[7719, 7630]	8603	[2459, 905]	12065	[9070, 8667]
1680	[3040, 3041]	5142	[6368, 7720]	8604	[7025, 11289]	12066	[13198, 8579]
1681	[3042, 2692]	5143	[7721, 7722]	8605	[2155, 2117]	12067	[5713, 335]
1682	[3043, 2843]	5144	[52, 6345]	8606	[843, 6794]	12068	[13117, 1605]
1683	[3044, 3045]	5145	[6533, 7723]	8607	[6047, 2091]	12069	[10363, 293]
1684	[3046, 3047]	5146	[7724, 6754]	8608	[8155, 2718]	12070	[13199, 9688]
1685	[3048, 3049]	5147	[7725, 673]	8609	[11401, 921]	12071	[9997, 8662]
1686	[203, 1931]	5148	[2260, 7726]	8610	[11402, 7226]	12072	[9396, 13200]
1687	[3050, 3051]	5149	[7727, 2104]	8611	[6471, 2213]	12073	[13201, 13202]
1688	[3052, 3053]	5150	[6149, 7728]	8612	[11403, 913]	12074	[3519, 1440]
1689	[3054, 3055]	5151	[2215, 7054]	8613	[6907, 11376]	12075	[10463, 12833]
1690	[3056, 3057]	5152	[2034, 3170]	8614	[11404, 7706]	12076	[9944, 5456]
1691	[3058, 3059]	5153	[7729, 7730]	8615	[11405, 7571]	12077	[13203, 9495]
1692	[3060, 3061]	5154	[2028, 7731]	8616	[3287, 6974]	12078	[13204, 1276]
1693	[873, 3062]	5155	[2550, 6539]	8617	[11406, 7108]	12079	[360, 4854]
1694	[2061, 3063]	5156	[7732, 7733]	8618	[2629, 6803]	12080	[9402, 13205]
1695	[3064, 3065]	5157	[1876, 6631]	8619	[608, 6971]	12081	[9930, 13206]
1696	[3066, 3067]	5158	[7604, 5869]	8620	[3187, 2504]	12082	[4183, 9501]
1697	[3068, 3069]	5159	[7734, 7735]	8621	[2528, 3228]	12083	[13207, 3666]

1698	[3070, 3071]	5160	[7736, 7682]	8622	[11407, 783]	12084	[13208, 13209]
1699	[3072, 3073]	5161	[7737, 2644]	8623	[11408, 11409]	12085	[4949, 13210]
1700	[850, 3074]	5162	[7738, 7739]	8624	[11410, 11411]	12086	[13183, 4241]
1701	[2696, 3075]	5163	[34, 2334]	8625	[7677, 2008]	12087	[9436, 13090]
1702	[3020, 3076]	5164	[6001, 7740]	8626	[11412, 5990]	12088	[13209, 13211]
1703	[3077, 3078]	5165	[2589, 7741]	8627	[8074, 7409]	12089	[395, 13212]
1704	[3079, 2257]	5166	[6141, 7441]	8628	[11207, 7163]	12090	[9159, 1211]
1705	[2495, 2259]	5167	[7350, 3064]	8629	[7036, 2240]	12091	[13213, 10779]
1706	[3080, 3081]	5168	[2812, 7742]	8630	[11413, 1916]	12092	[13214, 9131]
1707	[3082, 568]	5169	[2737, 858]	8631	[11195, 7208]	12093	[13215, 1358]
1708	[2386, 3083]	5170	[602, 7743]	8632	[11414, 11415]	12094	[1004, 13216]
1709	[3084, 3085]	5171	[7744, 3148]	8633	[7384, 1983]	12095	[1449, 13217]
1710	[3086, 3087]	5172	[7745, 7746]	8634	[2003, 11416]	12096	[11034, 13218]
1711	[3088, 3089]	5173	[7747, 7748]	8635	[7975, 7261]	12097	[10765, 412]
1712	[3090, 2378]	5174	[7044, 7749]	8636	[11417, 11418]	12098	[4991, 10570]
1713	[3091, 3092]	5175	[7750, 2275]	8637	[11202, 11419]	12099	[13056, 13219]
1714	[3093, 3094]	5176	[6393, 7751]	8638	[2817, 7095]	12100	[10148, 9349]
1715	[3095, 3096]	5177	[142, 7404]	8639	[11420, 7743]	12101	[13220, 13221]
1716	[3097, 3098]	5178	[7752, 7753]	8640	[5858, 2313]	12102	[3856, 13097]
1717	[3099, 2960]	5179	[6083, 7372]	8641	[11421, 618]	12103	[13222, 1401]
1718	[3100, 3101]	5180	[2575, 7754]	8642	[215, 2412]	12104	[13223, 11074]
1719	[2999, 2583]	5181	[2000, 2895]	8643	[6977, 11422]	12105	[12905, 13224]
1720	[3102, 3103]	5182	[6308, 7599]	8644	[11423, 11281]	12106	[13225, 13226]
1721	[3104, 3105]	5183	[2577, 7755]	8645	[530, 11424]	12107	[9053, 10068]
1722	[3106, 3107]	5184	[2587, 2506]	8646	[11425, 526]	12108	[1085, 13227]
1723	[3108, 718]	5185	[7756, 3157]	8647	[7489, 5815]	12109	[13228, 13229]
1724	[3109, 3110]	5186	[3032, 759]	8648	[11426, 5973]	12110	[13230, 10756]
1725	[3111, 3112]	5187	[2693, 7757]	8649	[2901, 6851]	12111	[3753, 10245]
1726	[3113, 3114]	5188	[2675, 2433]	8650	[959, 2042]	12112	[10178, 8294]
1727	[3115, 3116]	5189	[7758, 7759]	8651	[11427, 2224]	12113	[8627, 13231]
1728	[3117, 3118]	5190	[7508, 5772]	8652	[11428, 6158]	12114	[8354, 13232]
1729	[3119, 2491]	5191	[7760, 7306]	8653	[3104, 3199]	12115	[13233, 4698]
1730	[3013, 928]	5192	[7761, 7762]	8654	[11429, 2364]	12116	[13234, 13235]
1731	[3120, 3121]	5193	[2789, 5848]	8655	[11430, 6183]	12117	[13060, 8704]
1732	[3122, 2396]	5194	[7763, 6004]	8656	[11431, 2970]	12118	[4775, 1506]
1733	[3123, 3124]	5195	[7764, 7765]	8657	[2502, 11177]	12119	[5629, 13236]
1734	[3125, 3126]	5196	[7766, 7767]	8658	[7239, 2484]	12120	[5554, 3429]
1735	[3127, 3128]	5197	[7768, 7769]	8659	[7241, 11432]	12121	[13237, 13177]
1736	[3129, 3130]	5198	[7770, 3258]	8660	[11433, 5840]	12122	[13238, 9641]
1737	[3131, 918]	5199	[2860, 7771]	8661	[5909, 11434]	12123	[13239, 319]
1738	[3132, 3133]	5200	[7701, 7772]	8662	[5817, 7031]	12124	[3349, 1213]
1739	[3134, 2410]	5201	[7773, 231]	8663	[2814, 2059]	12125	[13240, 11060]
1740	[3135, 3136]	5202	[7774, 2369]	8664	[129, 6290]	12126	[4092, 10340]
1741	[2527, 3137]	5203	[5877, 653]	8665	[6300, 7011]	12127	[9782, 4102]

1742	[3138, 3139]	5204	[886, 1987]	8666	[6316, 6347]	12128	[4128, 5188]
1743	[3140, 3141]	5205	[6766, 6151]	8667	[7021, 7565]	12129	[3848, 12871]
1744	[3142, 3143]	5206	[6705, 2047]	8668	[7728, 5926]	12130	[13241, 13242]
1745	[2508, 3144]	5207	[7775, 7736]	8669	[11435, 11151]	12131	[13012, 12496]
1746	[3145, 3146]	5208	[7576, 7776]	8670	[11436, 2043]	12132	[10571, 13243]
1747	[3147, 3148]	5209	[7777, 537]	8671	[11437, 3109]	12133	[3598, 9868]
1748	[3111, 3149]	5210	[7778, 2936]	8672	[6228, 6214]	12134	[13021, 9816]
1749	[504, 3150]	5211	[6564, 6696]	8673	[531, 170]	12135	[11044, 13244]
1750	[141, 3151]	5212	[7779, 2582]	8674	[11438, 7733]	12136	[13245, 10988]
1751	[3152, 3153]	5213	[7194, 7780]	8675	[7478, 2234]	12137	[13246, 8374]
1752	[159, 3154]	5214	[2085, 2621]	8676	[7502, 2934]	12138	[13030, 12594]
1753	[3155, 638]	5215	[3202, 7781]	8677	[3059, 7369]	12139	[3462, 10888]
1754	[606, 3156]	5216	[5938, 7640]	8678	[7326, 11439]	12140	[13247, 8925]
1755	[3157, 3158]	5217	[7782, 7783]	8679	[11440, 2624]	12141	[13248, 5693]
1756	[2024, 3159]	5218	[7784, 6357]	8680	[11420, 603]	12142	[4750, 13249]
1757	[3160, 3161]	5219	[829, 7705]	8681	[6049, 663]	12143	[4181, 13250]
1758	[3162, 3163]	5220	[7785, 586]	8682	[11436, 153]	12144	[1540, 1682]
1759	[837, 571]	5221	[2325, 630]	8683	[6656, 6644]	12145	[10374, 13251]
1760	[914, 3164]	5222	[6543, 3153]	8684	[11441, 5814]	12146	[13252, 1543]
1761	[3165, 1941]	5223	[7786, 7787]	8685	[11442, 11443]	12147	[9500, 13253]
1762	[2020, 3166]	5224	[7235, 162]	8686	[11444, 11445]	12148	[10524, 9504]
1763	[3167, 3168]	5225	[7788, 7789]	8687	[11262, 7276]	12149	[13254, 13255]
1764	[915, 3169]	5226	[6313, 7790]	8688	[2844, 11446]	12150	[13256, 3886]
1765	[917, 3170]	5227	[7791, 44]	8689	[2963, 2543]	12151	[10064, 8226]
1766	[2018, 3171]	5228	[6615, 2907]	8690	[2911, 926]	12152	[13257, 10908]
1767	[3116, 918]	5229	[2852, 2470]	8691	[901, 6115]	12153	[3998, 9219]
1768	[2019, 3172]	5230	[7792, 7793]	8692	[6105, 6075]	12154	[12786, 4180]
1769	[3129, 3173]	5231	[6060, 6788]	8693	[3130, 3175]	12155	[5245, 9105]
1770	[2020, 3174]	5232	[6534, 5975]	8694	[3173, 6072]	12156	[10044, 4889]
1771	[3175, 3176]	5233	[179, 7424]	8695	[918, 3165]	12157	[10845, 12693]
1772	[919, 1941]	5234	[7794, 7795]	8696	[3166, 5893]	12158	[10781, 12533]
1773	[2539, 3177]	5235	[7796, 2629]	8697	[3176, 2017]	12159	[8929, 13258]
1774	[3178, 2952]	5236	[5919, 2838]	8698	[237, 6079]	12160	[13259, 13260]
1775	[3179, 3180]	5237	[7797, 6508]	8699	[6115, 3210]	12161	[13127, 13261]
1776	[3181, 3182]	5238	[1962, 6812]	8700	[6117, 2018]	12162	[13262, 13263]
1777	[3183, 953]	5239	[2514, 6505]	8701	[5947, 8012]	12163	[13108, 1728]
1778	[2754, 3184]	5240	[7798, 7799]	8702	[3169, 236]	12164	[9809, 13264]
1779	[3185, 3186]	5241	[2603, 655]	8703	[6071, 919]	12165	[4051, 12817]
1780	[3187, 2191]	5242	[719, 7800]	8704	[3175, 6116]	12166	[8513, 13265]
1781	[171, 3188]	5243	[7801, 7802]	8705	[6076, 6080]	12167	[13266, 1457]
1782	[2626, 3189]	5244	[7374, 2181]	8706	[3168, 3173]	12168	[13162, 13267]
1783	[3137, 2657]	5245	[7803, 3008]	8707	[1935, 6059]	12169	[13268, 4349]
1784	[3190, 3191]	5246	[7758, 2111]	8708	[7827, 3023]	12170	[10316, 12815]
1785	[3192, 2997]	5247	[7804, 7805]	8709	[11447, 11448]	12171	[10838, 11039]

1786	[3193, 3194]	5248	[7806, 7807]	8710	[7586, 7433]	12172	[8665, 13269]
1787	[3138, 3195]	5249	[7808, 7809]	8711	[7682, 239]	12173	[8720, 13270]
1788	[3196, 2213]	5250	[6391, 2961]	8712	[6172, 6820]	12174	[4646, 4694]
1789	[3197, 3198]	5251	[6877, 2297]	8713	[11449, 11450]	12175	[9778, 10825]
1790	[3199, 3200]	5252	[7810, 7811]	8714	[6189, 7223]	12176	[9971, 9346]
1791	[840, 3201]	5253	[7812, 7813]	8715	[11451, 6928]	12177	[11058, 8175]
1792	[2282, 3202]	5254	[7814, 6703]	8716	[6870, 844]	12178	[13271, 5295]
1793	[3203, 3204]	5255	[6779, 1927]	8717	[7904, 11452]	12179	[13272, 12529]
1794	[3205, 3206]	5256	[7815, 594]	8718	[6366, 11453]	12180	[12515, 4174]
1795	[3207, 3208]	5257	[7816, 7817]	8719	[3252, 3042]	12181	[5684, 10850]
1796	[3209, 3210]	5258	[7818, 7819]	8720	[7661, 11454]	12182	[13273, 13274]
1797	[899, 3211]	5259	[7820, 7069]	8721	[2134, 3190]	12183	[13275, 9771]
1798	[3212, 3213]	5260	[7821, 7822]	8722	[7672, 3159]	12184	[13276, 13277]
1799	[3214, 233]	5261	[3200, 7823]	8723	[1967, 11455]	12185	[10604, 4123]
1800	[592, 3215]	5262	[204, 7824]	8724	[601, 11456]	12186	[10926, 13169]
1801	[3216, 2724]	5263	[7825, 7055]	8725	[11247, 11457]	12187	[10259, 323]
1802	[3217, 3218]	5264	[7826, 3000]	8726	[11458, 11459]	12188	[5618, 13278]
1803	[3219, 3220]	5265	[733, 7827]	8727	[11252, 2102]	12189	[13279, 1051]
1804	[2485, 2451]	5266	[7828, 7829]	8728	[6986, 11460]	12190	[8966, 8792]
1805	[3221, 3222]	5267	[2464, 7830]	8729	[8101, 8010]	12191	[13227, 13280]
1806	[3223, 3224]	5268	[7831, 2031]	8730	[11461, 11462]	12192	[10315, 12687]
1807	[3106, 3225]	5269	[7832, 7833]	8731	[3173, 3175]	12193	[10045, 10619]
1808	[3226, 3227]	5270	[919, 5906]	8732	[11463, 11464]	12194	[13281, 8197]
1809	[3228, 3229]	5271	[7834, 7835]	8733	[2099, 2089]	12195	[13282, 8503]
1810	[2234, 3230]	5272	[3182, 2529]	8734	[2681, 5727]	12196	[10060, 9073]
1811	[3231, 3232]	5273	[3294, 7836]	8735	[6180, 11465]	12197	[1400, 1676]
1812	[3233, 3234]	5274	[7837, 6765]	8736	[6885, 11455]	12198	[13283, 13284]
1813	[803, 3235]	5275	[2497, 7838]	8737	[6080, 920]	12199	[4483, 13115]
1814	[2793, 2468]	5276	[7382, 6951]	8738	[7564, 11466]	12200	[13285, 10721]
1815	[3236, 3237]	5277	[6927, 6640]	8739	[11287, 11467]	12201	[13286, 9482]
1816	[958, 2004]	5278	[6798, 6796]	8740	[2123, 11468]	12202	[3858, 5660]
1817	[878, 1891]	5279	[6531, 1985]	8741	[2370, 7419]	12203	[9829, 10688]
1818	[1899, 3238]	5280	[2839, 7839]	8742	[2035, 6272]	12204	[13287, 10654]
1819	[3239, 3240]	5281	[7840, 2954]	8743	[11469, 11470]	12205	[1182, 12857]
1820	[3241, 3242]	5282	[6479, 7312]	8744	[7247, 11471]	12206	[8786, 13288]
1821	[3243, 2857]	5283	[6525, 2308]	8745	[8093, 6182]	12207	[13289, 13290]
1822	[3244, 3245]	5284	[7841, 1987]	8746	[11224, 11472]	12208	[9576, 12984]
1823	[575, 3246]	5285	[7842, 803]	8747	[11473, 5866]	12209	[1175, 13291]
1824	[3247, 552]	5286	[7274, 7449]	8748	[11474, 11475]	12210	[9171, 13287]
1825	[3248, 3249]	5287	[3074, 6600]	8749	[11476, 11477]	12211	[9434, 13292]
1826	[3250, 3251]	5288	[7843, 7627]	8750	[7808, 11478]	12212	[13293, 5597]
1827	[3252, 3253]	5289	[7844, 7845]	8751	[6008, 5922]	12213	[13294, 13295]
1828	[2070, 2623]	5290	[7846, 2962]	8752	[901, 3209]	12214	[1184, 13296]
1829	[3254, 940]	5291	[7847, 7848]	8753	[544, 8012]	12215	[13297, 10556]

1830	[3255, 3256]	5292	[7849, 7662]	8754	[11228, 11479]	12216	[13132, 12565]
1831	[3257, 3258]	5293	[6604, 7850]	8755	[11480, 11481]	12217	[13298, 9468]
1832	[3259, 3260]	5294	[7851, 7852]	8756	[6565, 11482]	12218	[13299, 13300]
1833	[3261, 3262]	5295	[7142, 7853]	8757	[7703, 11483]	12219	[13301, 13234]
1834	[3263, 3264]	5296	[6253, 2550]	8758	[11484, 2499]	12220	[13302, 13303]
1835	[3049, 3265]	5297	[5829, 6678]	8759	[7078, 11471]	12221	[9167, 12797]
1836	[3266, 3267]	5298	[5946, 7854]	8760	[8043, 11360]	12222	[10771, 13304]
1837	[3268, 3269]	5299	[2758, 2242]	8761	[11485, 11486]	12223	[12938, 13305]
1838	[41, 1952]	5300	[2382, 7171]	8762	[2172, 11487]	12224	[13306, 13307]
1839	[3270, 3271]	5301	[7855, 5977]	8763	[2856, 863]	12225	[13308, 13309]
1840	[3203, 2712]	5302	[964, 5889]	8764	[11488, 2432]	12226	[13310, 8563]
1841	[3272, 244]	5303	[2884, 7856]	8765	[5836, 11489]	12227	[9827, 10672]
1842	[3273, 3274]	5304	[7695, 7857]	8766	[11490, 11491]	12228	[1613, 12866]
1843	[3275, 3276]	5305	[2285, 6740]	8767	[11492, 6370]	12229	[10136, 1021]
1844	[903, 3277]	5306	[6821, 6459]	8768	[11493, 11494]	12230	[12937, 13311]
1845	[3278, 3279]	5307	[7858, 7275]	8769	[7014, 11495]	12231	[8480, 13312]
1846	[3280, 3281]	5308	[7859, 7605]	8770	[6466, 11496]	12232	[10651, 13313]
1847	[3282, 3283]	5309	[7721, 6929]	8771	[5750, 7639]	12233	[1584, 4714]
1848	[3284, 3285]	5310	[5795, 7860]	8772	[11497, 3139]	12234	[13314, 13315]
1849	[3286, 3287]	5311	[7861, 7862]	8773	[11498, 6021]	12235	[3688, 13316]
1850	[3288, 3289]	5312	[2593, 7863]	8774	[11499, 6691]	12236	[13317, 13318]
1851	[3290, 3291]	5313	[6582, 7864]	8775	[11500, 7558]	12237	[9024, 3534]
1852	[3292, 3293]	5314	[7865, 758]	8776	[11501, 2203]	12238	[9484, 9661]
1853	[3294, 2427]	5315	[7668, 7506]	8777	[7529, 7536]	12239	[4990, 5649]
1854	[3295, 3296]	5316	[7866, 7811]	8778	[8100, 3277]	12240	[1466, 10591]
1855	[3297, 3298]	5317	[7867, 7336]	8779	[2993, 3136]	12241	[13319, 1442]
1856	[3299, 763]	5318	[5845, 800]	8780	[11502, 2358]	12242	[9894, 10574]
1857	[3300, 3301]	5319	[2139, 182]	8781	[815, 11503]	12243	[13320, 13113]
1858	[3302, 3303]	5320	[6654, 7868]	8782	[7492, 11504]	12244	[13321, 13322]
1859	[3304, 175]	5321	[5892, 5908]	8783	[7424, 7878]	12245	[13323, 10805]
1860	[3305, 3306]	5322	[2151, 7869]	8784	[11505, 7683]	12246	[13324, 13325]
1861	[3307, 3308]	5323	[2650, 2531]	8785	[2965, 11401]	12247	[13326, 13327]
1862	[3309, 3310]	5324	[7870, 7871]	8786	[6416, 5912]	12248	[12880, 4254]
1863	[3311, 3312]	5325	[7285, 7872]	8787	[6389, 11506]	12249	[11033, 13328]
1864	[3313, 3314]	5326	[7858, 136]	8788	[2880, 6900]	12250	[13329, 13330]
1865	[3315, 3292]	5327	[6508, 6232]	8789	[7155, 11507]	12251	[8433, 4184]
1866	[3316, 1956]	5328	[6643, 2837]	8790	[5843, 6768]	12252	[5362, 13331]
1867	[2613, 3317]	5329	[7873, 7874]	8791	[7749, 11508]	12253	[10602, 13332]
1868	[3318, 3319]	5330	[7875, 6879]	8792	[780, 6514]	12254	[9017, 12996]
1869	[2889, 3320]	5331	[7876, 7690]	8793	[11509, 11117]	12255	[13333, 13271]
1870	[3321, 3322]	5332	[7877, 7024]	8794	[7598, 6086]	12256	[9768, 12915]
1871	[3323, 3324]	5333	[7652, 2549]	8795	[2083, 639]	12257	[13152, 11006]
1872	[3325, 3326]	5334	[180, 7878]	8796	[11149, 6027]	12258	[3992, 4527]
1873	[3327, 3328]	5335	[7879, 2012]	8797	[539, 805]	12259	[1212, 9913]

1874	[3329, 1518]	5336	[3301, 3030]	8798	[11510, 11511]	12260	[13334, 501]
1875	[1228, 3330]	5337	[7880, 6741]	8799	[2733, 11512]	12261	[13335, 8640]
1876	[3331, 3332]	5338	[6696, 7881]	8800	[3282, 6575]	12262	[12790, 13336]
1877	[3333, 3334]	5339	[948, 6552]	8801	[11513, 1945]	12263	[10507, 12614]
1878	[3335, 3336]	5340	[7882, 7883]	8802	[2054, 11456]	12264	[13337, 12667]
1879	[3337, 3338]	5341	[7884, 7885]	8803	[11514, 861]	12265	[9274, 13207]
1880	[260, 3339]	5342	[7815, 2342]	8804	[32, 2690]	12266	[5552, 9183]
1881	[3340, 3341]	5343	[7067, 2718]	8805	[2196, 2422]	12267	[13338, 3977]
1882	[3342, 3343]	5344	[7886, 7887]	8806	[11515, 3064]	12268	[13031, 13339]
1883	[3344, 3345]	5345	[7104, 6223]	8807	[11516, 5807]	12269	[5603, 9866]
1884	[3346, 3347]	5346	[805, 2327]	8808	[7035, 2815]	12270	[13340, 10385]
1885	[3348, 3349]	5347	[7151, 6775]	8809	[6135, 11517]	12271	[9022, 13341]
1886	[3350, 3351]	5348	[7888, 6594]	8810	[11518, 650]	12272	[5167, 1694]
1887	[3352, 3353]	5349	[3188, 7889]	8811	[6786, 7023]	12273	[13342, 13343]
1888	[3354, 3355]	5350	[7890, 7891]	8812	[2391, 11519]	12274	[4097, 9305]
1889	[3356, 3357]	5351	[7883, 7892]	8813	[11422, 3180]	12275	[13315, 13344]
1890	[3358, 3359]	5352	[2326, 523]	8814	[694, 6200]	12276	[8956, 13345]
1891	[1691, 3360]	5353	[7893, 219]	8815	[2800, 6937]	12277	[13346, 12759]
1892	[3361, 3362]	5354	[7894, 7895]	8816	[7709, 6938]	12278	[8904, 9479]
1893	[3363, 3364]	5355	[7896, 7897]	8817	[3008, 11520]	12279	[13347, 10550]
1894	[3365, 3366]	5356	[7898, 5781]	8818	[7266, 11175]	12280	[13348, 10204]
1895	[3367, 3368]	5357	[6791, 3035]	8819	[11435, 11521]	12281	[1592, 8407]
1896	[3369, 3370]	5358	[7899, 6354]	8820	[11522, 165]	12282	[1845, 3706]
1897	[1397, 3371]	5359	[6442, 6410]	8821	[11240, 11523]	12283	[13349, 1623]
1898	[3372, 3373]	5360	[796, 7900]	8822	[11524, 6892]	12284	[13350, 9322]
1899	[3374, 3375]	5361	[2177, 7901]	8823	[771, 7041]	12285	[4954, 13109]
1900	[3376, 1233]	5362	[3263, 6853]	8824	[11525, 11526]	12286	[5394, 1802]
1901	[3377, 325]	5363	[1974, 7902]	8825	[2770, 2512]	12287	[9261, 10813]
1902	[3378, 3379]	5364	[6364, 2688]	8826	[7406, 7343]	12288	[1580, 10994]
1903	[3380, 3381]	5365	[7903, 760]	8827	[2225, 11527]	12289	[13351, 12684]
1904	[3382, 3383]	5366	[7904, 7250]	8828	[6396, 731]	12290	[5700, 4686]
1905	[3384, 3385]	5367	[7905, 870]	8829	[6300, 2750]	12291	[9092, 12949]
1906	[3386, 3387]	5368	[2352, 2338]	8830	[11528, 2988]	12292	[5673, 13352]
1907	[3388, 3389]	5369	[7906, 7425]	8831	[11529, 11530]	12293	[10311, 8998]
1908	[3390, 3391]	5370	[936, 6595]	8832	[7076, 11531]	12294	[3717, 8454]
1909	[18, 3392]	5371	[2335, 2085]	8833	[11532, 5953]	12295	[9486, 12960]
1910	[114, 3393]	5372	[2674, 1973]	8834	[11533, 11534]	12296	[12673, 10921]
1911	[3394, 3395]	5373	[7907, 3301]	8835	[8012, 3209]	12297	[10738, 10531]
1912	[3396, 3397]	5374	[7908, 7263]	8836	[6963, 11466]	12298	[8211, 5655]
1913	[3398, 3399]	5375	[6107, 7909]	8837	[7645, 7995]	12299	[1340, 13353]
1914	[3400, 1301]	5376	[7910, 2687]	8838	[6799, 6902]	12300	[10596, 13354]
1915	[3401, 3402]	5377	[7911, 7773]	8839	[6318, 7754]	12301	[9935, 3555]
1916	[3403, 3404]	5378	[894, 7489]	8840	[11335, 11422]	12302	[10273, 13355]
1917	[3405, 255]	5379	[7912, 250]	8841	[6577, 2462]	12303	[10399, 13063]

1918	[3406, 3407]	5380	[7913, 7914]	8842	[7903, 8061]	12304	[13356, 10714]
1919	[3408, 3409]	5381	[7915, 790]	8843	[2161, 6658]	12305	[13357, 12953]
1920	[1300, 3410]	5382	[2187, 3178]	8844	[11535, 2135]	12306	[13200, 4673]
1921	[3411, 3412]	5383	[7916, 3290]	8845	[2807, 8109]	12307	[9879, 10443]
1922	[3413, 1545]	5384	[6876, 2240]	8846	[6794, 11536]	12308	[13358, 9332]
1923	[3414, 3415]	5385	[7041, 7917]	8847	[11537, 3203]	12309	[13359, 8860]
1924	[1513, 3416]	5386	[7918, 842]	8848	[11538, 8105]	12310	[13360, 13361]
1925	[3417, 3418]	5387	[7919, 7202]	8849	[11539, 11540]	12311	[12692, 12911]
1926	[3419, 3420]	5388	[6743, 7920]	8850	[11541, 11542]	12312	[10826, 5011]
1927	[3421, 3422]	5389	[7921, 7426]	8851	[6280, 11218]	12313	[5389, 13362]
1928	[3423, 3424]	5390	[3043, 7390]	8852	[11543, 11544]	12314	[13363, 13364]
1929	[3425, 3426]	5391	[7922, 2513]	8853	[7641, 11545]	12315	[4719, 1289]
1930	[3427, 3428]	5392	[6462, 7923]	8854	[7631, 11546]	12316	[10749, 13365]
1931	[3429, 3430]	5393	[7924, 7925]	8855	[11547, 7406]	12317	[9691, 8343]
1932	[3431, 3432]	5394	[192, 3219]	8856	[2467, 6885]	12318	[13366, 4780]
1933	[3433, 3434]	5395	[2366, 7926]	8857	[11548, 6425]	12319	[9744, 10265]
1934	[3435, 3436]	5396	[2973, 1923]	8858	[11549, 6449]	12320	[13231, 12549]
1935	[3437, 3438]	5397	[2640, 7927]	8859	[7847, 7793]	12321	[4002, 13367]
1936	[3439, 3440]	5398	[7928, 7929]	8860	[11470, 11550]	12322	[13368, 8469]
1937	[3441, 3442]	5399	[6762, 6853]	8861	[7838, 11487]	12323	[9096, 9493]
1938	[3443, 1073]	5400	[7930, 7931]	8862	[6735, 7648]	12324	[4521, 13369]
1939	[3428, 3444]	5401	[6819, 6173]	8863	[788, 1928]	12325	[12809, 5666]
1940	[3445, 3446]	5402	[2150, 7932]	8864	[2506, 3300]	12326	[13370, 4608]
1941	[1769, 3447]	5403	[7933, 6797]	8865	[8, 6157]	12327	[3768, 10023]
1942	[1771, 3448]	5404	[7934, 7935]	8866	[3090, 11551]	12328	[13371, 13372]
1943	[3449, 3450]	5405	[7936, 1884]	8867	[8038, 11552]	12329	[3871, 10566]
1944	[3451, 3452]	5406	[7937, 7505]	8868	[6440, 6610]	12330	[13373, 1503]
1945	[3453, 3454]	5407	[6083, 7221]	8869	[7782, 11392]	12331	[1697, 11043]
1946	[3455, 3456]	5408	[2180, 7375]	8870	[3086, 6302]	12332	[13339, 5714]
1947	[3457, 3458]	5409	[504, 2882]	8871	[11553, 11554]	12333	[1261, 5395]
1948	[3330, 3459]	5410	[6158, 7213]	8872	[11555, 11556]	12334	[13374, 13375]
1949	[1370, 3460]	5411	[7052, 1980]	8873	[877, 1890]	12335	[10944, 13223]
1950	[3461, 3462]	5412	[7938, 2959]	8874	[11169, 11557]	12336	[4574, 10936]
1951	[3463, 3464]	5413	[7408, 7939]	8875	[844, 6795]	12337	[13376, 1410]
1952	[3465, 3466]	5414	[7854, 5822]	8876	[2951, 11327]	12338	[13377, 8836]
1953	[3467, 3346]	5415	[1964, 7940]	8877	[2697, 6719]	12339	[8526, 3365]
1954	[3468, 3469]	5416	[7941, 6181]	8878	[11114, 3284]	12340	[13378, 13379]
1955	[3470, 3471]	5417	[7169, 7942]	8879	[7071, 11558]	12341	[13336, 8737]
1956	[1494, 3472]	5418	[522, 6179]	8880	[11559, 11560]	12342	[13380, 8606]
1957	[3473, 3474]	5419	[7943, 5813]	8881	[11561, 3069]	12343	[13381, 13337]
1958	[3475, 3476]	5420	[7944, 7945]	8882	[7396, 11562]	12344	[3846, 13382]
1959	[3477, 3478]	5421	[3265, 7946]	8883	[6384, 11563]	12345	[10389, 13383]
1960	[3479, 3480]	5422	[3267, 7706]	8884	[11564, 6006]	12346	[13384, 13385]
1961	[3481, 3482]	5423	[7661, 7947]	8885	[5738, 6870]	12347	[5206, 13386]

1962	[3483, 3484]	5424	[5942, 7948]	8886	[11565, 6748]	12348	[13387, 9283]
1963	[3485, 3486]	5425	[3171, 3168]	8887	[5742, 5762]	12349	[3564, 13388]
1964	[3487, 3488]	5426	[3169, 6075]	8888	[11566, 11567]	12350	[13389, 13380]
1965	[1782, 3489]	5427	[3170, 3115]	8889	[11568, 2967]	12351	[409, 13390]
1966	[3490, 3491]	5428	[673, 7949]	8890	[2880, 6745]	12352	[13386, 5428]
1967	[3492, 3493]	5429	[7950, 7951]	8891	[2105, 1945]	12353	[13047, 13391]
1968	[3494, 3495]	5430	[7073, 7072]	8892	[5863, 11569]	12354	[9639, 4942]
1969	[3496, 3497]	5431	[7952, 7639]	8893	[2567, 665]	12355	[10449, 9052]
1970	[3498, 3499]	5432	[862, 7949]	8894	[11242, 220]	12356	[9223, 1846]
1971	[3500, 3501]	5433	[7953, 6893]	8895	[7296, 5818]	12357	[5473, 13371]
1972	[3502, 3503]	5434	[7954, 7955]	8896	[11363, 2519]	12358	[1413, 4173]
1973	[3504, 3505]	5435	[6528, 7956]	8897	[7685, 6551]	12359	[13243, 1564]
1974	[3506, 3507]	5436	[2506, 7907]	8898	[11570, 11269]	12360	[12799, 3946]
1975	[3508, 3509]	5437	[7957, 677]	8899	[11143, 7303]	12361	[13382, 11053]
1976	[3510, 3511]	5438	[5749, 7952]	8900	[2114, 11571]	12362	[8200, 9123]
1977	[3512, 3513]	5439	[7958, 7959]	8901	[6925, 6307]	12363	[10199, 13392]
1978	[3514, 3515]	5440	[7899, 2626]	8902	[11572, 11301]	12364	[12983, 13393]
1979	[3516, 3517]	5441	[1958, 7897]	8903	[2399, 7675]	12365	[13394, 3767]
1980	[3518, 3519]	5442	[7960, 7961]	8904	[2203, 6857]	12366	[1600, 13395]
1981	[3520, 3521]	5443	[7962, 7963]	8905	[7597, 2950]	12367	[13396, 1826]
1982	[3522, 3523]	5444	[3057, 7964]	8906	[887, 2001]	12368	[13397, 4924]
1983	[3524, 3525]	5445	[774, 7965]	8907	[11573, 6319]	12369	[1307, 10191]
1984	[3526, 3527]	5446	[7966, 7967]	8908	[11574, 6248]	12370	[12488, 13398]
1985	[3528, 3529]	5447	[7968, 7969]	8909	[7706, 11575]	12371	[10056, 12640]
1986	[3530, 446]	5448	[7289, 1954]	8910	[11576, 3319]	12372	[13325, 5653]
1987	[3531, 3419]	5449	[6077, 7970]	8911	[7331, 11577]	12373	[1348, 5026]
1988	[3532, 3533]	5450	[3210, 6077]	8912	[6769, 11578]	12374	[8919, 12619]
1989	[3534, 3535]	5451	[3130, 6072]	8913	[956, 7765]	12375	[13399, 13400]
1990	[3536, 3537]	5452	[3115, 3131]	8914	[6624, 11579]	12376	[10964, 4846]
1991	[3538, 3539]	5453	[855, 2585]	8915	[11580, 2546]	12377	[13401, 9354]
1992	[3540, 1192]	5454	[7971, 6653]	8916	[11581, 7178]	12378	[12845, 13402]
1993	[3541, 3542]	5455	[6880, 7972]	8917	[6481, 58]	12379	[12968, 13403]
1994	[3543, 3544]	5456	[47, 7385]	8918	[11547, 2163]	12380	[13036, 13404]
1995	[3545, 3546]	5457	[3076, 6890]	8919	[5736, 6722]	12381	[13249, 1865]
1996	[3547, 3548]	5458	[7424, 6477]	8920	[11582, 7935]	12382	[12878, 5645]
1997	[3549, 3550]	5459	[7484, 2147]	8921	[6924, 6505]	12383	[9619, 10985]
1998	[3551, 3552]	5460	[6397, 732]	8922	[6404, 11173]	12384	[10462, 1678]
1999	[3553, 3554]	5461	[7973, 7974]	8923	[5856, 11583]	12385	[8789, 13366]
2000	[3555, 3556]	5462	[7975, 3078]	8924	[7010, 2465]	12386	[4626, 4215]
2001	[3557, 3558]	5463	[7976, 7977]	8925	[3199, 11584]	12387	[13405, 8548]
2002	[3559, 3560]	5464	[7933, 2931]	8926	[2541, 11585]	12388	[13406, 13407]
2003	[3561, 3562]	5465	[7978, 5985]	8927	[189, 11586]	12389	[13408, 3427]
2004	[3563, 3564]	5466	[774, 7979]	8928	[2588, 7907]	12390	[5648, 13409]
2005	[3565, 3566]	5467	[7980, 7981]	8929	[5859, 2314]	12391	[9162, 995]

2006	[3567, 3568]	5468	[7982, 7983]	8930	[6235, 551]	12392	[12986, 8208]
2007	[3569, 3570]	5469	[7984, 5808]	8931	[11587, 11588]	12393	[10885, 8373]
2008	[3571, 3572]	5470	[7985, 7986]	8932	[11584, 11244]	12394	[8303, 13053]
2009	[3573, 3574]	5471	[6374, 6473]	8933	[1997, 11589]	12395	[13260, 12695]
2010	[1180, 3575]	5472	[5823, 7987]	8934	[11590, 1990]	12396	[11050, 13377]
2011	[3576, 3577]	5473	[7988, 634]	8935	[11388, 885]	12397	[13410, 10445]
2012	[3578, 1561]	5474	[6288, 593]	8936	[11591, 5917]	12398	[13411, 10920]
2013	[298, 3443]	5475	[7989, 813]	8937	[11592, 11593]	12399	[5380, 5210]
2014	[300, 311]	5476	[7990, 6027]	8938	[11594, 6522]	12400	[9984, 13412]
2015	[3579, 3580]	5477	[7991, 7992]	8939	[11502, 11595]	12401	[502, 10849]
2016	[3581, 3582]	5478	[7993, 2522]	8940	[11596, 11597]	12402	[4997, 13062]
2017	[3583, 3584]	5479	[7994, 7995]	8941	[11598, 5796]	12403	[4464, 13413]
2018	[3456, 3585]	5480	[7996, 7997]	8942	[559, 7365]	12404	[13304, 4753]
2019	[3586, 3587]	5481	[7906, 7921]	8943	[7338, 11599]	12405	[5082, 12961]
2020	[3588, 3589]	5482	[7375, 2307]	8944	[11600, 11601]	12406	[9717, 8855]
2021	[3590, 3591]	5483	[7600, 178]	8945	[11602, 11603]	12407	[12581, 9264]
2022	[3592, 3593]	5484	[7998, 3104]	8946	[2941, 3084]	12408	[10435, 12769]
2023	[3594, 3595]	5485	[7344, 7999]	8947	[6354, 3189]	12409	[12882, 416]
2024	[3596, 3597]	5486	[8000, 5967]	8948	[5775, 7476]	12410	[1620, 13414]
2025	[1447, 3598]	5487	[6694, 8001]	8949	[2110, 7759]	12411	[13415, 4488]
2026	[3599, 3600]	5488	[7268, 8002]	8950	[11604, 6979]	12412	[5616, 13416]
2027	[3601, 3602]	5489	[8003, 2229]	8951	[7819, 6394]	12413	[4563, 10652]
2028	[3603, 3604]	5490	[8004, 8005]	8952	[11605, 6990]	12414	[3452, 9229]
2029	[3605, 3606]	5491	[5973, 8006]	8953	[7416, 11606]	12415	[13003, 10932]
2030	[3607, 3608]	5492	[8007, 1935]	8954	[8065, 11607]	12416	[10770, 12650]
2031	[3609, 3610]	5493	[153, 8008]	8955	[11608, 7197]	12417	[9920, 8296]
2032	[3611, 3612]	5494	[601, 2500]	8956	[7828, 11486]	12418	[12548, 13417]
2033	[3613, 3614]	5495	[7540, 8009]	8957	[7519, 11609]	12419	[8379, 13418]
2034	[3615, 3616]	5496	[7500, 8010]	8958	[856, 6404]	12420	[13419, 13420]
2035	[3617, 3618]	5497	[2270, 8011]	8959	[6959, 11610]	12421	[5348, 5720]
2036	[3619, 3620]	5498	[2108, 7136]	8960	[5766, 2729]	12422	[12892, 13421]
2037	[3621, 3622]	5499	[8012, 6115]	8961	[11611, 2098]	12423	[9673, 13422]
2038	[3623, 3624]	5500	[6078, 3167]	8962	[7859, 5869]	12424	[13423, 13424]
2039	[3625, 3626]	5501	[6074, 914]	8963	[6342, 7223]	12425	[13425, 13256]
2040	[3627, 89]	5502	[1942, 544]	8964	[11612, 11418]	12426	[13426, 13427]
2041	[3628, 3629]	5503	[3164, 3169]	8965	[11613, 11517]	12427	[13428, 13122]
2042	[3630, 1308]	5504	[3165, 5906]	8966	[2946, 11614]	12428	[4609, 1178]
2043	[3631, 3632]	5505	[7001, 3131]	8967	[2736, 7296]	12429	[4705, 10544]
2044	[1188, 3633]	5506	[1942, 5947]	8968	[11615, 8039]	12430	[10998, 13429]
2045	[3634, 3635]	5507	[5906, 543]	8969	[11616, 2857]	12431	[12752, 13430]
2046	[1145, 3636]	5508	[917, 6082]	8970	[6825, 2613]	12432	[10653, 1577]
2047	[3637, 3638]	5509	[6077, 914]	8971	[11617, 6875]	12433	[13431, 13319]
2048	[3639, 3640]	5510	[5947, 901]	8972	[2002, 11400]	12434	[282, 254]
2049	[3641, 3642]	5511	[236, 6076]	8973	[151, 11618]	12435	[4728, 10495]

2050	[286, 3643]	5512	[1888, 7488]	8974	[2611, 3062]	12436	[13432, 13433]
2051	[3644, 3645]	5513	[8013, 7131]	8975	[7667, 11619]	12437	[13434, 1436]
2052	[3646, 3647]	5514	[2940, 8014]	8976	[2652, 7760]	12438	[13435, 9912]
2053	[3648, 3649]	5515	[8015, 6249]	8977	[6385, 6785]	12439	[1380, 13436]
2054	[1034, 1124]	5516	[6298, 2719]	8978	[7860, 11410]	12440	[13437, 9407]
2055	[3650, 3651]	5517	[6999, 2165]	8979	[11620, 655]	12441	[11076, 9191]
2056	[3652, 3653]	5518	[164, 8016]	8980	[1996, 5851]	12442	[5402, 13140]
2057	[3359, 3654]	5519	[5944, 7877]	8981	[6154, 11621]	12443	[13438, 10800]
2058	[3655, 3656]	5520	[6038, 5987]	8982	[11622, 11623]	12444	[13439, 8760]
2059	[3657, 3658]	5521	[8017, 6946]	8983	[7628, 11528]	12445	[13311, 4744]
2060	[3659, 3660]	5522	[8018, 8019]	8984	[11624, 8060]	12446	[12734, 11004]
2061	[3661, 3662]	5523	[2152, 8020]	8985	[11625, 6189]	12447	[13440, 5078]
2062	[3582, 3663]	5524	[172, 5954]	8986	[662, 11626]	12448	[12820, 305]
2063	[3664, 3665]	5525	[174, 5802]	8987	[11627, 7327]	12449	[4910, 13441]
2064	[3666, 3667]	5526	[538, 8021]	8988	[5848, 7636]	12450	[5209, 8736]
2065	[3668, 3348]	5527	[8022, 6423]	8989	[7660, 1905]	12451	[13442, 8451]
2066	[3669, 3670]	5528	[6373, 6472]	8990	[3027, 11628]	12452	[4822, 1333]
2067	[3671, 3672]	5529	[2947, 8023]	8991	[2723, 815]	12453	[10737, 5273]
2068	[3673, 3674]	5530	[8024, 2554]	8992	[7290, 11585]	12454	[13443, 13444]
2069	[3675, 3676]	5531	[2289, 158]	8993	[6857, 5925]	12455	[5438, 4333]
2070	[3677, 3678]	5532	[6306, 6926]	8994	[6928, 6641]	12456	[5598, 12642]
2071	[3679, 3680]	5533	[5881, 7953]	8995	[5985, 11586]	12457	[12477, 8984]
2072	[3681, 3682]	5534	[6343, 7224]	8996	[6324, 11629]	12458	[13445, 13321]
2073	[3683, 1023]	5535	[8025, 6899]	8997	[3061, 510]	12459	[9478, 10317]
2074	[3684, 3685]	5536	[910, 8026]	8998	[11581, 3206]	12460	[13446, 4317]
2075	[3686, 3687]	5537	[8027, 8028]	8999	[5929, 7281]	12461	[8560, 8991]
2076	[3353, 3688]	5538	[8029, 8030]	9000	[11630, 2199]	12462	[13447, 10072]
2077	[3689, 3690]	5539	[8031, 8032]	9001	[2510, 3063]	12463	[1405, 13282]
2078	[3691, 3692]	5540	[6882, 2878]	9002	[950, 7085]	12464	[3696, 13448]
2079	[3693, 3694]	5541	[8033, 3032]	9003	[2339, 2812]	12465	[268, 13449]
2080	[3695, 3696]	5542	[7936, 7274]	9004	[11631, 626]	12466	[13450, 786]
2081	[3697, 3520]	5543	[8034, 2311]	9005	[11425, 7344]	12467	[13451, 235]
2082	[3698, 1239]	5544	[8035, 189]	9006	[2111, 11632]	12468	[777, 8135]
2083	[3699, 3700]	5545	[8036, 767]	9007	[2548, 6656]	12469	[7760, 13452]
2084	[3701, 3702]	5546	[8037, 8036]	9008	[5869, 11633]	12470	[13453, 13454]
2085	[3703, 1555]	5547	[6900, 7411]	9009	[7714, 11578]	12471	[3162, 13455]
2086	[3704, 3705]	5548	[8038, 8039]	9010	[7479, 7031]	12472	[7522, 7005]
2087	[3706, 3707]	5549	[8040, 8041]	9011	[3249, 2281]	12473	[11219, 13456]
2088	[3708, 3709]	5550	[2951, 6087]	9012	[11634, 7589]	12474	[2490, 2884]
2089	[3710, 3711]	5551	[587, 8042]	9013	[7736, 238]	12475	[13457, 11784]
2090	[3712, 3713]	5552	[8043, 3045]	9014	[2748, 5756]	12476	[13458, 12193]
2091	[3714, 3715]	5553	[6939, 8044]	9015	[11635, 11636]	12477	[7756, 6042]
2092	[3716, 3717]	5554	[8045, 933]	9016	[11637, 2741]	12478	[11887, 2148]
2093	[1133, 3718]	5555	[2462, 6587]	9017	[5810, 11638]	12479	[5892, 11395]

2094	[3719, 3720]	5556	[8046, 8047]	9018	[2893, 11506]	12480	[12023, 2729]
2095	[3721, 3722]	5557	[6060, 8048]	9019	[6420, 11115]	12481	[11405, 12332]
2096	[3723, 3724]	5558	[6025, 7925]	9020	[2009, 8120]	12482	[11845, 7955]
2097	[3725, 3726]	5559	[8049, 8050]	9021	[11639, 11640]	12483	[12281, 13459]
2098	[3727, 3728]	5560	[8051, 6147]	9022	[11249, 11641]	12484	[13460, 2660]
2099	[3729, 3730]	5561	[8052, 8053]	9023	[7497, 7979]	12485	[13461, 13462]
2100	[3731, 3732]	5562	[2018, 3167]	9024	[6673, 133]	12486	[7377, 2858]
2101	[3733, 3734]	5563	[3176, 6117]	9025	[2568, 11291]	12487	[887, 1988]
2102	[3735, 301]	5564	[5893, 2020]	9026	[3028, 5765]	12488	[3232, 12456]
2103	[3736, 3737]	5565	[7312, 166]	9027	[6283, 6791]	12489	[2748, 7681]
2104	[3738, 3739]	5566	[7991, 8054]	9028	[2129, 11642]	12490	[13463, 11726]
2105	[3740, 3741]	5567	[2190, 2036]	9029	[7487, 1889]	12491	[6626, 2133]
2106	[3742, 3743]	5568	[906, 898]	9030	[11643, 11267]	12492	[7785, 6053]
2107	[3744, 3745]	5569	[8055, 8056]	9031	[2122, 11358]	12493	[2413, 932]
2108	[3746, 3747]	5570	[8057, 8058]	9032	[222, 7887]	12494	[2373, 12069]
2109	[3748, 3749]	5571	[8037, 7671]	9033	[7383, 6654]	12495	[12029, 13464]
2110	[3750, 3751]	5572	[6209, 6804]	9034	[11181, 2392]	12496	[7104, 2923]
2111	[3752, 3753]	5573	[5879, 8059]	9035	[2989, 7028]	12497	[12098, 7952]
2112	[1811, 3754]	5574	[3299, 2186]	9036	[7195, 7663]	12498	[8036, 7861]
2113	[3755, 3756]	5575	[2859, 8060]	9037	[1937, 6235]	12499	[7365, 2136]
2114	[3757, 1514]	5576	[8061, 761]	9038	[7084, 951]	12500	[6128, 12207]
2115	[3758, 3759]	5577	[207, 8062]	9039	[699, 11644]	12501	[7088, 6840]
2116	[3760, 1734]	5578	[894, 2312]	9040	[11645, 6738]	12502	[7680, 5756]
2117	[3761, 3762]	5579	[2071, 8063]	9041	[7201, 8106]	12503	[2937, 7371]
2118	[3763, 3764]	5580	[526, 7345]	9042	[2131, 7129]	12504	[7027, 2990]
2119	[3765, 3766]	5581	[131, 6055]	9043	[11232, 6160]	12505	[6310, 12004]
2120	[3767, 3768]	5582	[2683, 2947]	9044	[163, 2849]	12506	[6337, 13465]
2121	[3769, 3770]	5583	[37, 8064]	9045	[11543, 11646]	12507	[3006, 11642]
2122	[3771, 3686]	5584	[8065, 8066]	9046	[11168, 6051]	12508	[3315, 11195]
2123	[3772, 3773]	5585	[6549, 8067]	9047	[7918, 2477]	12509	[6820, 13466]
2124	[3774, 3775]	5586	[1880, 8068]	9048	[11647, 565]	12510	[5945, 12077]
2125	[3776, 3777]	5587	[7882, 8069]	9049	[11648, 6676]	12511	[2654, 2773]
2126	[3778, 3779]	5588	[7768, 7556]	9050	[11649, 3134]	12512	[790, 2819]
2127	[3780, 3781]	5589	[7057, 2696]	9051	[6090, 6375]	12513	[13467, 963]
2128	[3782, 3783]	5590	[8070, 8071]	9052	[2087, 11650]	12514	[798, 13468]
2129	[3784, 3785]	5591	[7100, 8072]	9053	[2787, 11651]	12515	[11570, 7585]
2130	[3786, 3787]	5592	[6256, 3238]	9054	[2792, 2517]	12516	[2362, 6991]
2131	[3788, 3376]	5593	[3287, 2318]	9055	[6448, 11652]	12517	[525, 7344]
2132	[3789, 3790]	5594	[703, 8073]	9056	[7712, 11653]	12518	[11131, 11303]
2133	[3791, 3792]	5595	[6256, 8074]	9057	[11300, 11654]	12519	[3311, 8047]
2134	[3793, 3794]	5596	[691, 8075]	9058	[8004, 11655]	12520	[11574, 2476]
2135	[1677, 3795]	5597	[6266, 6344]	9059	[6533, 2233]	12521	[6206, 11357]
2136	[3796, 3784]	5598	[5867, 6560]	9060	[8167, 11656]	12522	[7459, 11883]
2137	[3797, 3798]	5599	[7669, 8076]	9061	[11657, 11658]	12523	[12035, 13469]

2138	[3799, 3800]	5600	[6965, 7465]	9062	[2963, 7594]	12524	[7691, 11394]
2139	[3801, 3802]	5601	[8077, 546]	9063	[7099, 11659]	12525	[11227, 2523]
2140	[3803, 3804]	5602	[2441, 8078]	9064	[536, 11446]	12526	[2049, 891]
2141	[3805, 3806]	5603	[8079, 8080]	9065	[7191, 2793]	12527	[1913, 11550]
2142	[3807, 3808]	5604	[8081, 2999]	9066	[604, 7491]	12528	[3038, 6634]
2143	[3809, 3723]	5605	[8082, 797]	9067	[2263, 5728]	12529	[2454, 2267]
2144	[1353, 3810]	5606	[6404, 2379]	9068	[7118, 2395]	12530	[3293, 12052]
2145	[3811, 3812]	5607	[6215, 8083]	9069	[2051, 7021]	12531	[6733, 13470]
2146	[3813, 3814]	5608	[8084, 8085]	9070	[2449, 7728]	12532	[13471, 6960]
2147	[3815, 3816]	5609	[8086, 8087]	9071	[11660, 11653]	12533	[13472, 11867]
2148	[3817, 979]	5610	[8088, 7807]	9072	[11661, 11662]	12534	[11523, 7731]
2149	[3818, 3819]	5611	[6638, 5808]	9073	[6808, 5820]	12535	[7366, 180]
2150	[3820, 3821]	5612	[7842, 2048]	9074	[11663, 1979]	12536	[12212, 2776]
2151	[3822, 3823]	5613	[3259, 7747]	9075	[7545, 5778]	12537	[13473, 11896]
2152	[3824, 3825]	5614	[8089, 504]	9076	[2338, 11664]	12538	[2663, 12308]
2153	[3826, 3827]	5615	[6185, 5783]	9077	[11665, 2808]	12539	[11296, 8160]
2154	[3828, 3829]	5616	[8090, 6124]	9078	[7082, 11666]	12540	[12292, 5960]
2155	[3830, 3831]	5617	[8091, 8092]	9079	[11667, 7872]	12541	[2323, 896]
2156	[3832, 3689]	5618	[8093, 725]	9080	[60, 11618]	12542	[2915, 13474]
2157	[3833, 3834]	5619	[2237, 7697]	9081	[2633, 6518]	12543	[12459, 7387]
2158	[3835, 3836]	5620	[7124, 669]	9082	[5742, 11668]	12544	[3245, 12412]
2159	[3837, 3838]	5621	[807, 6550]	9083	[7747, 7273]	12545	[13475, 6322]
2160	[3839, 3840]	5622	[8094, 3255]	9084	[11309, 11669]	12546	[12438, 13476]
2161	[3841, 3842]	5623	[8095, 2196]	9085	[2100, 5983]	12547	[12147, 2244]
2162	[3843, 3844]	5624	[8096, 7568]	9086	[7671, 7861]	12548	[6912, 3310]
2163	[3845, 3846]	5625	[7356, 8097]	9087	[11670, 3317]	12549	[7658, 13477]
2164	[3847, 3848]	5626	[8098, 8099]	9088	[6012, 2449]	12550	[11409, 6929]
2165	[3849, 3850]	5627	[2472, 7946]	9089	[2003, 11671]	12551	[7370, 2938]
2166	[3851, 3852]	5628	[902, 8100]	9090	[7611, 1950]	12552	[12347, 13478]
2167	[3853, 3703]	5629	[8101, 7501]	9091	[698, 6051]	12553	[6681, 3155]
2168	[3854, 3855]	5630	[7316, 6888]	9092	[11672, 6225]	12554	[11877, 6209]
2169	[362, 3856]	5631	[6361, 8102]	9093	[6826, 11673]	12555	[6471, 867]
2170	[3857, 3858]	5632	[8103, 6420]	9094	[6591, 5787]	12556	[12322, 3036]
2171	[3859, 3769]	5633	[6415, 139]	9095	[11674, 7870]	12557	[13479, 12214]
2172	[3478, 3860]	5634	[5966, 3220]	9096	[633, 11675]	12558	[1918, 2809]
2173	[3861, 3862]	5635	[8104, 6598]	9097	[11676, 7698]	12559	[8050, 3295]
2174	[3863, 3864]	5636	[6350, 8105]	9098	[2894, 2266]	12560	[11501, 2345]
2175	[3865, 3866]	5637	[8106, 8107]	9099	[5741, 5761]	12561	[7218, 2086]
2176	[1302, 3867]	5638	[3091, 8108]	9100	[641, 2539]	12562	[2695, 7058]
2177	[3868, 3869]	5639	[6831, 756]	9101	[11677, 5888]	12563	[6711, 2425]
2178	[3870, 3871]	5640	[8109, 6461]	9102	[11384, 11678]	12564	[2653, 13452]
2179	[3872, 3873]	5641	[7128, 2132]	9103	[759, 2865]	12565	[7578, 2341]
2180	[3874, 3875]	5642	[8110, 2726]	9104	[2729, 6789]	12566	[11975, 911]
2181	[3876, 3877]	5643	[8111, 7052]	9105	[2181, 3305]	12567	[2627, 12065]

2182	[3878, 3879]	5644	[8112, 2939]	9106	[3008, 11679]	12568	[7765, 11894]
2183	[3880, 3881]	5645	[6637, 8113]	9107	[11680, 6925]	12569	[2832, 600]
2184	[3882, 3883]	5646	[6980, 198]	9108	[517, 8042]	12570	[7935, 7874]
2185	[3884, 3885]	5647	[6376, 5760]	9109	[5729, 889]	12571	[12350, 6931]
2186	[3886, 3887]	5648	[8114, 6234]	9110	[11681, 881]	12572	[6535, 11138]
2187	[3888, 3889]	5649	[2867, 8115]	9111	[157, 2290]	12573	[3122, 11123]
2188	[3890, 3891]	5650	[7485, 3145]	9112	[11682, 11683]	12574	[7891, 2919]
2189	[1737, 3892]	5651	[2914, 3081]	9113	[7279, 7122]	12575	[11132, 7397]
2190	[3893, 3894]	5652	[8116, 8117]	9114	[7055, 7607]	12576	[13480, 7895]
2191	[3328, 3895]	5653	[5927, 5778]	9115	[11499, 11684]	12577	[11106, 818]
2192	[3896, 3897]	5654	[7846, 7271]	9116	[6472, 11685]	12578	[13481, 13482]
2193	[3898, 3899]	5655	[8118, 3183]	9117	[2488, 11686]	12579	[1945, 13483]
2194	[312, 3900]	5656	[8119, 8120]	9118	[7391, 11687]	12580	[7954, 11846]
2195	[3901, 3902]	5657	[8121, 1938]	9119	[7620, 8000]	12581	[11820, 13484]
2196	[3903, 3904]	5658	[2807, 6460]	9120	[6294, 7448]	12582	[2282, 5863]
2197	[3905, 3906]	5659	[869, 8122]	9121	[6921, 514]	12583	[12151, 145]
2198	[3907, 3908]	5660	[7253, 6450]	9122	[11688, 11379]	12584	[7693, 12261]
2199	[3909, 3910]	5661	[6413, 8123]	9123	[7572, 11241]	12585	[3056, 11386]
2200	[3911, 3912]	5662	[6625, 8124]	9124	[6264, 6057]	12586	[13485, 13486]
2201	[3913, 3914]	5663	[2845, 3048]	9125	[521, 6178]	12587	[3190, 12285]
2202	[3915, 3916]	5664	[6216, 7495]	9126	[2147, 6799]	12588	[855, 7292]
2203	[3917, 3918]	5665	[8125, 883]	9127	[6353, 2626]	12589	[6019, 923]
2204	[3919, 3920]	5666	[8126, 2776]	9128	[11689, 6946]	12590	[598, 664]
2205	[3921, 3922]	5667	[8127, 6029]	9129	[6139, 11690]	12591	[13487, 12016]
2206	[3395, 3923]	5668	[8128, 6363]	9130	[6748, 11691]	12592	[7526, 7812]
2207	[3924, 3925]	5669	[6791, 8129]	9131	[11692, 5848]	12593	[844, 11536]
2208	[1226, 3926]	5670	[8130, 7143]	9132	[6938, 8157]	12594	[11573, 13488]
2209	[3927, 3928]	5671	[6221, 8131]	9133	[11693, 7822]	12595	[7629, 11994]
2210	[3929, 3930]	5672	[8021, 8132]	9134	[6889, 11694]	12596	[2964, 12155]
2211	[3931, 1794]	5673	[7000, 8133]	9135	[11236, 3038]	12597	[12419, 12113]
2212	[3932, 3933]	5674	[7803, 8134]	9136	[11695, 11121]	12598	[3226, 12167]
2213	[3934, 3935]	5675	[8135, 6622]	9137	[912, 11696]	12599	[6728, 7928]
2214	[3936, 1225]	5676	[3060, 509]	9138	[6702, 11651]	12600	[2363, 12185]
2215	[3937, 3938]	5677	[2103, 6112]	9139	[11697, 5761]	12601	[3215, 2125]
2216	[1189, 3939]	5678	[1926, 8136]	9140	[6348, 11698]	12602	[955, 6549]
2217	[3940, 3941]	5679	[6126, 1893]	9141	[11699, 7643]	12603	[13489, 6359]
2218	[3942, 3943]	5680	[8137, 7015]	9142	[11700, 5991]	12604	[11493, 13490]
2219	[1611, 3944]	5681	[8138, 3022]	9143	[2693, 11701]	12605	[11613, 6136]
2220	[3945, 3644]	5682	[8139, 6381]	9144	[6377, 11702]	12606	[7186, 2545]
2221	[3946, 1579]	5683	[6598, 8140]	9145	[11703, 1928]	12607	[6987, 5969]
2222	[3947, 3948]	5684	[8107, 7478]	9146	[11704, 8057]	12608	[11979, 13491]
2223	[3770, 3949]	5685	[8141, 8142]	9147	[7505, 2520]	12609	[11775, 2768]
2224	[3950, 3951]	5686	[2796, 8143]	9148	[2981, 11705]	12610	[11626, 6596]
2225	[3952, 3953]	5687	[7237, 221]	9149	[6847, 6764]	12611	[11893, 756]

2226	[3802, 3954]	5688	[8144, 6438]	9150	[11706, 2569]	12612	[6968, 13492]
2227	[3955, 3956]	5689	[7225, 8145]	9151	[11394, 11707]	12613	[7704, 7145]
2228	[3957, 3958]	5690	[7722, 6930]	9152	[7527, 557]	12614	[13493, 13494]
2229	[3959, 3960]	5691	[2931, 6798]	9153	[1905, 11708]	12615	[12362, 7819]
2230	[3961, 3962]	5692	[1895, 2759]	9154	[2568, 666]	12616	[2205, 13495]
2231	[3963, 3964]	5693	[728, 7217]	9155	[2850, 7837]	12617	[5896, 13496]
2232	[3965, 3966]	5694	[3225, 7475]	9156	[2643, 11709]	12618	[7239, 6415]
2233	[3967, 3968]	5695	[8146, 7101]	9157	[7993, 11227]	12619	[8165, 11268]
2234	[3969, 3970]	5696	[8147, 7852]	9158	[1970, 11710]	12620	[6722, 11806]
2235	[3971, 3972]	5697	[8148, 2872]	9159	[2906, 2285]	12621	[2469, 12087]
2236	[3973, 3974]	5698	[7240, 7559]	9160	[6902, 11711]	12622	[3222, 11521]
2237	[3975, 3976]	5699	[2642, 32]	9161	[6868, 11712]	12623	[13491, 3251]
2238	[3977, 3978]	5700	[7720, 7295]	9162	[11713, 5974]	12624	[11480, 13497]
2239	[3979, 3980]	5701	[8149, 6855]	9163	[7475, 6475]	12625	[11285, 13498]
2240	[3981, 1699]	5702	[8150, 8151]	9164	[11714, 2659]	12626	[6586, 13470]
2241	[3982, 1789]	5703	[8152, 6832]	9165	[11313, 11715]	12627	[13499, 13500]
2242	[3983, 1187]	5704	[5959, 8153]	9166	[11716, 2998]	12628	[7160, 13501]
2243	[3984, 3882]	5705	[7926, 8154]	9167	[7656, 11664]	12629	[6690, 11684]
2244	[3985, 3441]	5706	[8155, 6298]	9168	[2135, 634]	12630	[12018, 13484]
2245	[1234, 3986]	5707	[6817, 8156]	9169	[11596, 7511]	12631	[2240, 2297]
2246	[3867, 3987]	5708	[8157, 8158]	9170	[7866, 6698]	12632	[11716, 8081]
2247	[3988, 3989]	5709	[8159, 8160]	9171	[11717, 2944]	12633	[1914, 13502]
2248	[1415, 3990]	5710	[7792, 7848]	9172	[6897, 2152]	12634	[11386, 7964]
2249	[3991, 3992]	5711	[8161, 8162]	9173	[11718, 11388]	12635	[12054, 13503]
2250	[3993, 3994]	5712	[8163, 659]	9174	[11719, 7671]	12636	[12374, 2869]
2251	[3995, 3996]	5713	[846, 8164]	9175	[11720, 3057]	12637	[12395, 11339]
2252	[3997, 3998]	5714	[8165, 6676]	9176	[1923, 799]	12638	[3177, 7325]
2253	[3999, 4000]	5715	[2159, 8166]	9177	[11721, 11722]	12639	[138, 11746]
2254	[4001, 4002]	5716	[8167, 7422]	9178	[11723, 11724]	12640	[2039, 7529]
2255	[4003, 4004]	5717	[8001, 7246]	9179	[2431, 11725]	12641	[11179, 13504]
2256	[4005, 4006]	5718	[5952, 8168]	9180	[7573, 2458]	12642	[6344, 6716]
2257	[4007, 4008]	5719	[7445, 8169]	9181	[6759, 841]	12643	[3059, 12202]
2258	[4009, 4010]	5720	[8170, 6110]	9182	[5883, 11579]	12644	[13505, 13501]
2259	[4011, 4012]	5721	[7699, 854]	9183	[11726, 11146]	12645	[12033, 11872]
2260	[4013, 1591]	5722	[8171, 935]	9184	[11727, 6586]	12646	[13506, 11286]
2261	[4014, 4015]	5723	[6939, 8158]	9185	[6850, 2902]	12647	[836, 1970]
2262	[4016, 4017]	5724	[5780, 6968]	9186	[11728, 11168]	12648	[7458, 6533]
2263	[4018, 4019]	5725	[8172, 1034]	9187	[6877, 2241]	12649	[7257, 6002]
2264	[4020, 4021]	5726	[8173, 8174]	9188	[11729, 3265]	12650	[12255, 3098]
2265	[4022, 4023]	5727	[8175, 8176]	9189	[764, 8100]	12651	[11332, 11365]
2266	[4024, 4025]	5728	[8177, 8178]	9190	[11730, 2230]	12652	[2273, 13507]
2267	[4026, 4027]	5729	[5294, 8179]	9191	[2862, 2177]	12653	[549, 13508]
2268	[4028, 4029]	5730	[8180, 8181]	9192	[1961, 7530]	12654	[11164, 11968]
2269	[4030, 4031]	5731	[5694, 4857]	9193	[2259, 556]	12655	[6304, 11739]

2270	[4032, 4033]	5732	[5061, 1833]	9194	[7105, 618]	12656	[928, 6387]
2271	[4034, 4035]	5733	[8182, 8183]	9195	[7387, 6308]	12657	[206, 7755]
2272	[4036, 4037]	5734	[8184, 8185]	9196	[1985, 11731]	12658	[12461, 6918]
2273	[4038, 4039]	5735	[8186, 8187]	9197	[11636, 11732]	12659	[11940, 5806]
2274	[4040, 4041]	5736	[8188, 8189]	9198	[11733, 2831]	12660	[2632, 12174]
2275	[4042, 4043]	5737	[8190, 8191]	9199	[11734, 665]	12661	[8106, 7477]
2276	[4044, 4045]	5738	[8192, 1631]	9200	[7335, 3181]	12662	[7744, 5734]
2277	[3491, 4046]	5739	[8193, 5034]	9201	[8111, 7111]	12663	[6554, 7429]
2278	[4047, 4048]	5740	[8194, 376]	9202	[11712, 6707]	12664	[13509, 2023]
2279	[4049, 3327]	5741	[8195, 8196]	9203	[808, 2058]	12665	[7446, 6231]
2280	[4050, 4051]	5742	[8197, 8198]	9204	[7044, 3052]	12666	[7153, 11450]
2281	[4052, 4053]	5743	[8199, 8200]	9205	[6761, 11735]	12667	[12426, 8087]
2282	[4054, 4055]	5744	[8201, 8202]	9206	[2112, 39]	12668	[2443, 13504]
2283	[4056, 4057]	5745	[8203, 8204]	9207	[11372, 8068]	12669	[13510, 12326]
2284	[4058, 4059]	5746	[4580, 1331]	9208	[2166, 7259]	12670	[7941, 11465]
2285	[4060, 4061]	5747	[8205, 3937]	9209	[11736, 2382]	12671	[7827, 6064]
2286	[4062, 4063]	5748	[8206, 8207]	9210	[6695, 11737]	12672	[2023, 7672]
2287	[4064, 1327]	5749	[8208, 5464]	9211	[11738, 2079]	12673	[2978, 13469]
2288	[4065, 4066]	5750	[8209, 3788]	9212	[2288, 11299]	12674	[7572, 13511]
2289	[4067, 4068]	5751	[8210, 8211]	9213	[11739, 159]	12675	[11676, 7319]
2290	[4069, 4070]	5752	[8212, 5094]	9214	[8052, 3128]	12676	[12163, 11556]
2291	[4071, 4072]	5753	[8213, 8214]	9215	[935, 11118]	12677	[6276, 11712]
2292	[4073, 4074]	5754	[8215, 3983]	9216	[936, 11626]	12678	[2635, 8113]
2293	[4075, 4076]	5755	[8216, 5205]	9217	[6210, 6829]	12679	[2637, 3245]
2294	[4077, 1840]	5756	[8217, 8218]	9218	[2359, 5789]	12680	[12452, 13512]
2295	[4078, 4079]	5757	[8219, 8220]	9219	[6582, 11740]	12681	[7909, 12061]
2296	[4080, 4081]	5758	[8221, 3857]	9220	[11326, 7698]	12682	[2532, 7841]
2297	[4082, 4083]	5759	[4326, 4065]	9221	[6165, 11741]	12683	[7784, 2639]
2298	[4084, 4085]	5760	[8222, 4069]	9222	[6323, 3280]	12684	[5917, 11913]
2299	[4086, 4087]	5761	[8223, 105]	9223	[7399, 2504]	12685	[3177, 12003]
2300	[1477, 4088]	5762	[8224, 8225]	9224	[5913, 11742]	12686	[7607, 8132]
2301	[4089, 4090]	5763	[8226, 8217]	9225	[7752, 7802]	12687	[194, 2572]
2302	[4091, 4092]	5764	[4475, 8227]	9226	[587, 518]	12688	[2428, 11348]
2303	[4093, 4094]	5765	[8228, 5488]	9227	[11189, 11560]	12689	[7305, 7947]
2304	[3720, 4095]	5766	[5706, 8229]	9228	[8050, 7416]	12690	[11422, 5773]
2305	[4096, 4097]	5767	[8230, 8231]	9229	[7109, 11566]	12691	[2845, 12239]
2306	[4098, 4099]	5768	[4900, 8232]	9230	[133, 2465]	12692	[11861, 2874]
2307	[4100, 4101]	5769	[8233, 8234]	9231	[11116, 765]	12693	[8031, 12397]
2308	[4102, 4103]	5770	[8235, 8236]	9232	[11743, 11744]	12694	[794, 12156]
2309	[4104, 4105]	5771	[8237, 5431]	9233	[11745, 11511]	12695	[13513, 6098]
2310	[4106, 4107]	5772	[5390, 5049]	9234	[5804, 11746]	12696	[12380, 3188]
2311	[4108, 4109]	5773	[8238, 3567]	9235	[11747, 11312]	12697	[6363, 553]
2312	[4110, 4111]	5774	[5338, 8239]	9236	[5734, 11396]	12698	[13514, 2637]
2313	[4112, 4113]	5775	[8240, 8241]	9237	[11580, 7353]	12699	[8147, 12349]

2314	[4114, 4115]	5776	[4405, 8242]	9238	[7534, 5950]	12700	[13515, 2786]
2315	[3737, 4116]	5777	[3962, 1164]	9239	[854, 864]	12701	[11876, 2419]
2316	[4117, 4118]	5778	[8243, 8244]	9240	[11748, 6562]	12702	[11875, 6972]
2317	[4119, 4120]	5779	[8245, 8246]	9241	[11749, 7299]	12703	[864, 7292]
2318	[4121, 4122]	5780	[3672, 8247]	9242	[6750, 7973]	12704	[5866, 6001]
2319	[4123, 4124]	5781	[8248, 8249]	9243	[7401, 1981]	12705	[7086, 13516]
2320	[4125, 4126]	5782	[8250, 5281]	9244	[11750, 11751]	12706	[12181, 12041]
2321	[4127, 4128]	5783	[8251, 8252]	9245	[7414, 7644]	12707	[2263, 12435]
2322	[4129, 4130]	5784	[1709, 8253]	9246	[11752, 968]	12708	[12154, 7258]
2323	[4131, 4132]	5785	[8254, 5630]	9247	[7186, 11580]	12709	[12200, 7576]
2324	[4133, 485]	5786	[8255, 8256]	9248	[11753, 2804]	12710	[11688, 511]
2325	[4134, 4135]	5787	[4187, 4606]	9249	[6268, 11754]	12711	[2178, 11735]
2326	[4136, 4137]	5788	[8257, 8258]	9250	[904, 2460]	12712	[2751, 12462]
2327	[4138, 4139]	5789	[8259, 8260]	9251	[3257, 7916]	12713	[13517, 5839]
2328	[1558, 4140]	5790	[8261, 369]	9252	[6527, 11755]	12714	[6782, 2184]
2329	[4141, 4142]	5791	[8262, 5259]	9253	[11576, 11756]	12715	[12167, 11998]
2330	[4143, 4144]	5792	[8263, 5]	9254	[11592, 11757]	12716	[11553, 2767]
2331	[4145, 4146]	5793	[8264, 8265]	9255	[11758, 11219]	12717	[6519, 12139]
2332	[256, 4147]	5794	[1117, 8266]	9256	[11759, 11760]	12718	[12328, 11219]
2333	[4148, 4149]	5795	[8267, 8268]	9257	[2294, 11761]	12719	[6314, 13518]
2334	[4150, 4151]	5796	[8269, 8270]	9258	[8035, 5985]	12720	[11587, 6724]
2335	[4152, 4153]	5797	[8271, 8272]	9259	[3302, 11762]	12721	[5828, 5755]
2336	[4154, 4155]	5798	[8273, 8274]	9260	[7466, 11763]	12722	[13519, 6495]
2337	[4156, 4157]	5799	[1030, 8275]	9261	[6445, 2259]	12723	[7058, 12142]
2338	[4158, 1597]	5800	[8276, 8277]	9262	[7114, 11764]	12724	[6023, 6864]
2339	[4159, 4160]	5801	[316, 8278]	9263	[6258, 2673]	12725	[803, 2049]
2340	[4161, 4162]	5802	[346, 8279]	9264	[6792, 11765]	12726	[12180, 7772]
2341	[4163, 4164]	5803	[8280, 8281]	9265	[3305, 6501]	12727	[7490, 605]
2342	[4165, 4166]	5804	[8282, 8283]	9266	[2405, 2356]	12728	[6443, 12036]
2343	[4167, 4168]	5805	[5097, 8284]	9267	[6708, 3137]	12729	[13520, 6695]
2344	[1576, 4169]	5806	[1205, 8285]	9268	[2366, 7617]	12730	[7338, 7959]
2345	[4170, 4171]	5807	[8286, 8287]	9269	[11766, 6138]	12731	[13521, 11280]
2346	[3916, 4172]	5808	[8288, 380]	9270	[11767, 6867]	12732	[11148, 1898]
2347	[4173, 3401]	5809	[80, 303]	9271	[7825, 538]	12733	[793, 11796]
2348	[4174, 4175]	5810	[8289, 8290]	9272	[5996, 807]	12734	[7150, 11373]
2349	[4176, 4177]	5811	[8291, 3878]	9273	[7504, 7453]	12735	[11120, 12454]
2350	[4178, 4179]	5812	[8292, 8293]	9274	[7704, 2686]	12736	[12400, 7444]
2351	[4180, 4181]	5813	[8294, 8295]	9275	[7188, 11768]	12737	[6039, 12114]
2352	[4182, 4183]	5814	[8296, 8297]	9276	[11769, 11445]	12738	[822, 2632]
2353	[4184, 4185]	5815	[8298, 1369]	9277	[7583, 853]	12739	[12389, 8164]
2354	[4186, 4187]	5816	[8299, 8300]	9278	[7053, 2216]	12740	[7924, 6026]
2355	[4188, 4189]	5817	[445, 8301]	9279	[2992, 2960]	12741	[2569, 682]
2356	[4190, 3791]	5818	[4814, 8302]	9280	[3079, 7546]	12742	[2717, 12204]
2357	[4191, 4192]	5819	[292, 8303]	9281	[6674, 2981]	12743	[13522, 773]

2358	[4193, 4194]	5820	[8304, 8192]	9282	[11770, 11771]	12744	[6932, 8112]
2359	[4195, 4196]	5821	[8305, 8306]	9283	[6252, 2549]	12745	[12270, 1992]
2360	[4197, 4198]	5822	[8220, 8307]	9284	[11772, 7987]	12746	[7429, 11675]
2361	[4199, 4200]	5823	[5625, 8308]	9285	[3046, 11563]	12747	[2034, 6082]
2362	[4201, 4202]	5824	[8309, 8310]	9286	[11773, 11774]	12748	[13523, 7942]
2363	[4203, 4204]	5825	[8311, 8312]	9287	[2548, 6214]	12749	[11206, 2188]
2364	[4205, 4206]	5826	[8313, 8314]	9288	[6648, 11775]	12750	[7483, 8089]
2365	[4207, 4208]	5827	[8315, 8316]	9289	[11776, 8043]	12751	[11538, 6351]
2366	[1386, 4209]	5828	[8317, 8318]	9290	[11777, 11778]	12752	[13524, 13525]
2367	[4210, 4211]	5829	[8319, 8320]	9291	[3242, 6362]	12753	[13526, 53]
2368	[1757, 4212]	5830	[8321, 8322]	9292	[11779, 3280]	12754	[11275, 12336]
2369	[3412, 1379]	5831	[8323, 65]	9293	[5814, 11255]	12755	[13527, 11983]
2370	[4213, 4214]	5832	[8324, 8325]	9294	[6874, 11780]	12756	[11246, 3103]
2371	[4215, 4216]	5833	[8326, 8327]	9295	[11567, 6142]	12757	[12121, 13482]
2372	[4217, 4218]	5834	[4600, 8328]	9296	[5756, 11781]	12758	[5829, 2976]
2373	[4219, 4220]	5835	[8329, 8330]	9297	[11256, 11687]	12759	[7531, 7905]
2374	[3558, 993]	5836	[8331, 8332]	9298	[11782, 11281]	12760	[11825, 6257]
2375	[4221, 4222]	5837	[328, 8333]	9299	[11783, 2867]	12761	[13510, 7418]
2376	[4223, 3913]	5838	[8334, 8335]	9300	[11784, 7029]	12762	[12107, 6668]
2377	[4224, 4225]	5839	[8336, 8337]	9301	[11323, 6020]	12763	[13528, 831]
2378	[4226, 4227]	5840	[8338, 8339]	9302	[2435, 7087]	12764	[11882, 13529]
2379	[4228, 4229]	5841	[8340, 1535]	9303	[6579, 6538]	12765	[2255, 616]
2380	[4230, 4231]	5842	[8341, 8342]	9304	[5769, 11785]	12766	[6948, 12111]
2381	[4232, 4233]	5843	[8343, 8344]	9305	[7304, 7661]	12767	[7324, 7839]
2382	[4234, 1516]	5844	[8345, 8346]	9306	[11786, 11787]	12768	[7798, 12050]
2383	[4235, 347]	5845	[8347, 8348]	9307	[595, 7284]	12769	[12214, 9]
2384	[1746, 4236]	5846	[8349, 3578]	9308	[7441, 128]	12770	[2623, 8063]
2385	[4237, 4238]	5847	[1330, 8350]	9309	[708, 1932]	12771	[2907, 2286]
2386	[4239, 4240]	5848	[8351, 8352]	9310	[6759, 7918]	12772	[6526, 7020]
2387	[4241, 4242]	5849	[8353, 8354]	9311	[921, 6954]	12773	[6043, 13530]
2388	[4243, 1086]	5850	[8355, 4984]	9312	[11788, 11337]	12774	[6970, 609]
2389	[4244, 4245]	5851	[8356, 8357]	9313	[642, 2540]	12775	[7480, 11608]
2390	[4246, 4247]	5852	[8358, 8359]	9314	[5845, 7920]	12776	[3234, 11531]
2391	[4248, 4249]	5853	[8360, 8361]	9315	[2984, 7795]	12777	[12215, 12410]
2392	[4250, 4251]	5854	[8362, 8363]	9316	[11328, 11789]	12778	[12216, 7623]
2393	[4252, 4253]	5855	[8364, 8365]	9317	[11699, 7414]	12779	[895, 13531]
2394	[4254, 1138]	5856	[8366, 8367]	9318	[962, 11790]	12780	[7950, 13532]
2395	[4255, 4256]	5857	[8368, 8369]	9319	[11488, 11725]	12781	[12059, 7945]
2396	[4257, 3859]	5858	[20, 8370]	9320	[11408, 7721]	12782	[13533, 13534]
2397	[4164, 4258]	5859	[8371, 8372]	9321	[11791, 787]	12783	[11865, 3196]
2398	[4259, 4260]	5860	[3572, 4427]	9322	[11792, 11793]	12784	[13535, 12415]
2399	[4261, 4262]	5861	[8373, 408]	9323	[11413, 7184]	12785	[7594, 13536]
2400	[4263, 4264]	5862	[8374, 8375]	9324	[5799, 2394]	12786	[3018, 7824]
2401	[4265, 4266]	5863	[5250, 8376]	9325	[7336, 3182]	12787	[5778, 12179]

2402	[4267, 4268]	5864	[8377, 5354]	9326	[2932, 11270]	12788	[6859, 13537]
2403	[4269, 1777]	5865	[8378, 8379]	9327	[2578, 624]	12789	[11342, 5949]
2404	[1548, 3652]	5866	[8380, 8381]	9328	[2534, 2590]	12790	[237, 6080]
2405	[4270, 4271]	5867	[4477, 5009]	9329	[2538, 6085]	12791	[7004, 12421]
2406	[4272, 4152]	5868	[8382, 4966]	9330	[2313, 11794]	12792	[7059, 11841]
2407	[4273, 4274]	5869	[8383, 8384]	9331	[789, 1929]	12793	[234, 13538]
2408	[4275, 4276]	5870	[8385, 5320]	9332	[2167, 11795]	12794	[6090, 6498]
2409	[4277, 4278]	5871	[8386, 8387]	9333	[622, 11796]	12795	[13539, 3161]
2410	[4279, 4280]	5872	[8388, 8389]	9334	[11797, 6921]	12796	[13453, 13540]
2411	[4281, 4282]	5873	[8390, 8391]	9335	[11379, 11798]	12797	[7657, 3271]
2412	[4283, 1792]	5874	[8279, 8392]	9336	[11799, 11800]	12798	[11664, 6057]
2413	[4284, 4285]	5875	[8393, 1842]	9337	[7298, 7695]	12799	[12287, 7664]
2414	[4286, 4287]	5876	[8394, 5531]	9338	[11801, 11802]	12800	[649, 13457]
2415	[4288, 4289]	5877	[1644, 8395]	9339	[7820, 7717]	12801	[2400, 2129]
2416	[4290, 4291]	5878	[8396, 8397]	9340	[6293, 11766]	12802	[2828, 12402]
2417	[4292, 4293]	5879	[5292, 8398]	9341	[2738, 5752]	12803	[2956, 13541]
2418	[4294, 4295]	5880	[1088, 8399]	9342	[11803, 6275]	12804	[11918, 8054]
2419	[1588, 4296]	5881	[8400, 8401]	9343	[11804, 6263]	12805	[13542, 11331]
2420	[4297, 4298]	5882	[4126, 8402]	9344	[11805, 7083]	12806	[12305, 11988]
2421	[4299, 4300]	5883	[8403, 8404]	9345	[2920, 11806]	12807	[13543, 13503]
2422	[4301, 4302]	5884	[8405, 8406]	9346	[7832, 11807]	12808	[3037, 584]
2423	[1074, 4303]	5885	[8407, 8408]	9347	[2016, 2034]	12809	[7255, 5873]
2424	[476, 4304]	5886	[8409, 8410]	9348	[57, 11808]	12810	[2184, 508]
2425	[4305, 4306]	5887	[8411, 8412]	9349	[11809, 11775]	12811	[178, 6165]
2426	[4307, 4308]	5888	[8413, 1017]	9350	[3214, 11810]	12812	[6846, 7127]
2427	[980, 4309]	5889	[401, 8414]	9351	[7910, 6364]	12813	[149, 7252]
2428	[1793, 4310]	5890	[8415, 8416]	9352	[5908, 8040]	12814	[6041, 3157]
2429	[4311, 4312]	5891	[8417, 8418]	9353	[627, 11811]	12815	[11774, 7443]
2430	[4313, 4314]	5892	[8419, 8420]	9354	[2072, 11558]	12816	[2385, 6482]
2431	[4315, 4316]	5893	[3589, 8421]	9355	[11812, 11813]	12817	[12136, 13544]
2432	[4317, 4318]	5894	[8422, 8423]	9356	[2011, 11814]	12818	[7058, 3075]
2433	[4319, 4320]	5895	[8424, 8425]	9357	[7175, 653]	12819	[12435, 13545]
2434	[4321, 4322]	5896	[8426, 1426]	9358	[11815, 6408]	12820	[2632, 6329]
2435	[4323, 4324]	5897	[8427, 8428]	9359	[2847, 2220]	12821	[13546, 12431]
2436	[4325, 4326]	5898	[8429, 8430]	9360	[584, 11776]	12822	[6617, 11609]
2437	[4327, 4328]	5899	[8431, 4637]	9361	[7988, 828]	12823	[13499, 11230]
2438	[4329, 4330]	5900	[8432, 8433]	9362	[7049, 2282]	12824	[3020, 6889]
2439	[4331, 4332]	5901	[8434, 1736]	9363	[7318, 11816]	12825	[6712, 12457]
2440	[4333, 4230]	5902	[8435, 8436]	9364	[7125, 11243]	12826	[12352, 11932]
2441	[4334, 4335]	5903	[5701, 8437]	9365	[1892, 6127]	12827	[8082, 7900]
2442	[4336, 4337]	5904	[8438, 8439]	9366	[6279, 11817]	12828	[7626, 3019]
2443	[4338, 4339]	5905	[8440, 8441]	9367	[5998, 2591]	12829	[7047, 13465]
2444	[4340, 4341]	5906	[8442, 1057]	9368	[6071, 3165]	12830	[11213, 13547]
2445	[4342, 4343]	5907	[8443, 8442]	9369	[11818, 7002]	12831	[6106, 548]

2446	[4344, 4345]	5908	[8444, 8445]	9370	[5964, 11819]	12832	[7543, 12169]
2447	[379, 4346]	5909	[8420, 8446]	9371	[11820, 11821]	12833	[734, 6064]
2448	[4347, 4348]	5910	[8447, 8448]	9372	[6998, 6148]	12834	[2775, 7749]
2449	[4349, 4350]	5911	[3424, 8449]	9373	[6400, 6557]	12835	[13548, 6963]
2450	[4351, 3752]	5912	[4519, 8450]	9374	[8107, 11306]	12836	[5751, 2739]
2451	[4352, 3594]	5913	[8451, 8452]	9375	[7358, 7297]	12837	[11804, 13549]
2452	[4353, 4354]	5914	[8453, 1381]	9376	[11786, 11822]	12838	[7091, 7217]
2453	[4355, 4356]	5915	[8454, 8455]	9377	[11823, 11644]	12839	[5769, 12366]
2454	[4357, 4358]	5916	[8456, 8457]	9378	[11824, 2168]	12840	[6892, 11414]
2455	[4359, 4360]	5917	[5066, 8291]	9379	[11825, 11267]	12841	[12254, 11991]
2456	[4361, 4362]	5918	[8458, 8459]	9380	[11826, 11827]	12842	[1991, 11153]
2457	[4363, 4364]	5919	[8460, 5214]	9381	[11361, 11828]	12843	[12099, 7932]
2458	[4365, 4366]	5920	[8461, 1097]	9382	[7780, 2445]	12844	[5916, 5851]
2459	[4367, 1512]	5921	[1042, 8462]	9383	[3215, 613]	12845	[650, 11784]
2460	[4368, 4369]	5922	[8463, 1142]	9384	[11829, 2464]	12846	[1936, 6787]
2461	[4370, 4371]	5923	[8464, 8465]	9385	[663, 11830]	12847	[11682, 13550]
2462	[4372, 4373]	5924	[8466, 8467]	9386	[5781, 6969]	12848	[12381, 7471]
2463	[4374, 4375]	5925	[8468, 4733]	9387	[6723, 11588]	12849	[2785, 2494]
2464	[4376, 4377]	5926	[4350, 4005]	9388	[8129, 6572]	12850	[6046, 2090]
2465	[3899, 4378]	5927	[8469, 8470]	9389	[7466, 5816]	12851	[13551, 12416]
2466	[4045, 4379]	5928	[8471, 8472]	9390	[767, 7862]	12852	[5771, 7509]
2467	[4380, 4381]	5929	[8473, 8474]	9391	[6670, 11831]	12853	[13552, 8143]
2468	[4382, 4383]	5930	[8475, 8476]	9392	[11832, 11800]	12854	[13553, 7817]
2469	[4384, 4385]	5931	[8477, 8478]	9393	[11833, 11834]	12855	[2559, 13554]
2470	[4386, 4387]	5932	[8479, 8480]	9394	[7915, 2811]	12856	[11933, 11253]
2471	[4388, 4389]	5933	[8481, 8482]	9395	[11516, 11835]	12857	[13555, 12219]
2472	[4390, 4391]	5934	[4636, 8483]	9396	[7296, 858]	12858	[824, 6366]
2473	[4392, 4393]	5935	[8484, 8485]	9397	[11150, 3190]	12859	[13517, 776]
2474	[3842, 4394]	5936	[8486, 8487]	9398	[11836, 3123]	12860	[11387, 7155]
2475	[4395, 4396]	5937	[8488, 8489]	9399	[11608, 7804]	12861	[3262, 1982]
2476	[4397, 4398]	5938	[8490, 8491]	9400	[8110, 11837]	12862	[7640, 6504]
2477	[4175, 4032]	5939	[8492, 8493]	9401	[11800, 11838]	12863	[13556, 2437]
2478	[4399, 3849]	5940	[8494, 8495]	9402	[11839, 2361]	12864	[6856, 7647]
2479	[4400, 4401]	5941	[8496, 3358]	9403	[11840, 11841]	12865	[13557, 7532]
2480	[4402, 4403]	5942	[8497, 8498]	9404	[2829, 7050]	12866	[12135, 7385]
2481	[4404, 4405]	5943	[8499, 8500]	9405	[7478, 6632]	12867	[5728, 12436]
2482	[4406, 4407]	5944	[8501, 5384]	9406	[11842, 8019]	12868	[7207, 12118]
2483	[4408, 277]	5945	[8502, 418]	9407	[6074, 7970]	12869	[7920, 7137]
2484	[4409, 4410]	5946	[8503, 8504]	9408	[11843, 1944]	12870	[7612, 7358]
2485	[4411, 4412]	5947	[8505, 8506]	9409	[11844, 11464]	12871	[2268, 13516]
2486	[1000, 4413]	5948	[8507, 8508]	9410	[11845, 11846]	12872	[5979, 140]
2487	[4414, 4415]	5949	[8509, 8510]	9411	[1934, 7569]	12873	[6994, 12119]
2488	[4416, 4417]	5950	[1378, 8511]	9412	[6929, 11847]	12874	[12131, 7875]
2489	[3918, 1499]	5951	[8512, 8513]	9413	[162, 2054]	12875	[11857, 11774]

2490	[4418, 4419]	5952	[8514, 8515]	9414	[11848, 696]	12876	[7943, 11441]
2491	[4420, 4421]	5953	[8516, 8517]	9415	[7590, 11722]	12877	[2634, 6637]
2492	[4422, 1408]	5954	[342, 8518]	9416	[11849, 1911]	12878	[12148, 7082]
2493	[4423, 4424]	5955	[8519, 8520]	9417	[2464, 6130]	12879	[7045, 2716]
2494	[4425, 4011]	5956	[8521, 8522]	9418	[6818, 6069]	12880	[7849, 2154]
2495	[4426, 4013]	5957	[8523, 8524]	9419	[11850, 2743]	12881	[2413, 6718]
2496	[4427, 4428]	5958	[8525, 8526]	9420	[2192, 7372]	12882	[5993, 46]
2497	[4429, 4430]	5959	[5667, 8527]	9421	[11394, 6348]	12883	[12201, 7577]
2498	[4431, 4084]	5960	[8528, 8529]	9422	[7526, 11140]	12884	[12329, 11220]
2499	[4432, 4433]	5961	[8530, 5591]	9423	[7905, 8122]	12885	[6331, 12304]
2500	[4434, 4435]	5962	[8531, 1800]	9424	[11704, 1964]	12886	[7970, 915]
2501	[4436, 4437]	5963	[4543, 8532]	9425	[2588, 3300]	12887	[12441, 13558]
2502	[3447, 4438]	5964	[8533, 8534]	9426	[11851, 8014]	12888	[11643, 6257]
2503	[4439, 4440]	5965	[1409, 8535]	9427	[11590, 6818]	12889	[13559, 5895]
2504	[4441, 4442]	5966	[381, 1061]	9428	[7450, 11325]	12890	[13560, 13478]
2505	[4443, 4444]	5967	[8536, 8537]	9429	[3093, 11619]	12891	[12031, 13561]
2506	[1807, 4445]	5968	[5157, 8538]	9430	[7292, 2586]	12892	[6078, 3171]
2507	[4446, 4447]	5969	[8539, 8540]	9431	[11852, 11853]	12893	[11497, 3195]
2508	[4448, 4449]	5970	[8541, 8542]	9432	[6405, 146]	12894	[3089, 7025]
2509	[4450, 1293]	5971	[8543, 1183]	9433	[8059, 7666]	12895	[8142, 13562]
2510	[1407, 4451]	5972	[8544, 8545]	9434	[2186, 764]	12896	[6267, 13563]
2511	[399, 487]	5973	[8546, 1347]	9435	[11854, 138]	12897	[7605, 5870]
2512	[4452, 4453]	5974	[8547, 5096]	9436	[6620, 931]	12898	[11773, 7199]
2513	[4454, 4455]	5975	[8548, 8549]	9437	[7308, 2924]	12899	[2089, 11740]
2514	[4456, 4457]	5976	[8550, 8551]	9438	[6934, 6197]	12900	[11863, 3217]
2515	[4458, 4459]	5977	[8552, 8553]	9439	[11855, 6806]	12901	[8069, 7892]
2516	[4460, 4461]	5978	[8554, 8555]	9440	[6681, 2082]	12902	[1890, 12359]
2517	[4462, 4384]	5979	[8556, 8557]	9441	[7141, 3074]	12903	[11713, 8006]
2518	[4463, 4464]	5980	[1172, 8558]	9442	[11856, 11857]	12904	[2352, 7656]
2519	[4465, 4466]	5981	[8559, 8298]	9443	[2511, 2771]	12905	[11235, 6146]
2520	[4467, 4468]	5982	[8399, 8560]	9444	[966, 3073]	12906	[13551, 6647]
2521	[4469, 4265]	5983	[8561, 8562]	9445	[11858, 8131]	12907	[11539, 2735]
2522	[1177, 4470]	5984	[8563, 8564]	9446	[2125, 11859]	12908	[11200, 12371]
2523	[4471, 4472]	5985	[8231, 8565]	9447	[11559, 11190]	12909	[13564, 12425]
2524	[4473, 4474]	5986	[8566, 4586]	9448	[6911, 6472]	12910	[7976, 13565]
2525	[3357, 4475]	5987	[8567, 8568]	9449	[2026, 11860]	12911	[12316, 6983]
2526	[4476, 4477]	5988	[1359, 8569]	9450	[7299, 7857]	12912	[6880, 2050]
2527	[4478, 4479]	5989	[8570, 8571]	9451	[7070, 5755]	12913	[5997, 7685]
2528	[4480, 4481]	5990	[8572, 8573]	9452	[11861, 11862]	12914	[5843, 12289]
2529	[4482, 4483]	5991	[8574, 8575]	9453	[7890, 2918]	12915	[6328, 12283]
2530	[4484, 4485]	5992	[8576, 8577]	9454	[7530, 7537]	12916	[12004, 2482]
2531	[4486, 4487]	5993	[4192, 8578]	9455	[830, 7034]	12917	[7349, 12123]
2532	[4488, 1708]	5994	[8579, 1037]	9456	[7192, 6286]	12918	[1960, 7529]
2533	[4238, 4489]	5995	[8580, 8581]	9457	[11863, 11171]	12919	[11404, 2756]

2534	[4490, 4491]	5996	[1392, 8582]	9458	[834, 2973]	12920	[6464, 13566]
2535	[4492, 4493]	5997	[8583, 8584]	9459	[7091, 11191]	12921	[2342, 7283]
2536	[4494, 4495]	5998	[8585, 8586]	9460	[3221, 11435]	12922	[7432, 7587]
2537	[4496, 4497]	5999	[4274, 5337]	9461	[11864, 7632]	12923	[13567, 12201]
2538	[4498, 4499]	6000	[8587, 8588]	9462	[2451, 6713]	12924	[7894, 13568]
2539	[4500, 4501]	6001	[8589, 3832]	9463	[11649, 2409]	12925	[11892, 11397]
2540	[4502, 4503]	6002	[8381, 3861]	9464	[11865, 6471]	12926	[12432, 13569]
2541	[4504, 4505]	6003	[1125, 8590]	9465	[11866, 11867]	12927	[13570, 2508]
2542	[4506, 3532]	6004	[8591, 8592]	9466	[5847, 6666]	12928	[6784, 13571]
2543	[4507, 4508]	6005	[8593, 8594]	9467	[1902, 11512]	12929	[13572, 7393]
2544	[4509, 4510]	6006	[8595, 8596]	9468	[6736, 5917]	12930	[6706, 11680]
2545	[4287, 4511]	6007	[4212, 8597]	9469	[11868, 7364]	12931	[8130, 7853]
2546	[4512, 4513]	6008	[8598, 8599]	9470	[2488, 11869]	12932	[7497, 7965]
2547	[4514, 4515]	6009	[8600, 8601]	9471	[11870, 574]	12933	[5957, 13573]
2548	[4516, 4517]	6010	[3554, 8602]	9472	[11871, 2758]	12934	[1956, 12247]
2549	[4518, 4519]	6011	[1326, 8603]	9473	[6754, 1984]	12935	[13574, 7535]
2550	[4520, 4521]	6012	[8604, 8605]	9474	[7179, 11872]	12936	[6035, 2642]
2551	[4522, 442]	6013	[8606, 8607]	9475	[11873, 2441]	12937	[7722, 11847]
2552	[4523, 4524]	6014	[8608, 8609]	9476	[11874, 11347]	12938	[11956, 7107]
2553	[4525, 4526]	6015	[8610, 8611]	9477	[6445, 555]	12939	[6818, 2294]
2554	[4527, 3609]	6016	[8612, 8613]	9478	[7117, 2942]	12940	[6898, 2153]
2555	[4528, 4529]	6017	[5496, 5316]	9479	[7675, 3006]	12941	[11582, 7873]
2556	[4530, 4531]	6018	[8614, 8615]	9480	[2520, 2835]	12942	[12206, 11109]
2557	[4532, 4533]	6019	[8616, 8617]	9481	[186, 946]	12943	[11540, 11903]
2558	[4534, 4535]	6020	[8618, 8619]	9482	[2824, 7939]	12944	[2253, 2645]
2559	[4536, 4537]	6021	[1131, 8620]	9483	[2312, 5815]	12945	[2725, 11837]
2560	[3912, 4538]	6022	[8621, 8622]	9484	[11681, 6645]	12946	[969, 7879]
2561	[4539, 4540]	6023	[8623, 8624]	9485	[6894, 11875]	12947	[13575, 11463]
2562	[3895, 1375]	6024	[3869, 8625]	9486	[144, 7972]	12948	[11624, 2860]
2563	[4541, 3868]	6025	[8626, 8627]	9487	[11876, 2863]	12949	[13552, 2797]
2564	[4542, 4543]	6026	[1809, 5120]	9488	[11877, 6803]	12950	[13576, 13494]
2565	[4544, 4545]	6027	[8628, 8629]	9489	[7518, 11754]	12951	[11279, 13577]
2566	[4546, 4547]	6028	[8630, 8631]	9490	[2508, 11479]	12952	[7621, 2021]
2567	[4548, 4549]	6029	[8632, 8633]	9491	[11878, 6606]	12953	[7709, 11398]
2568	[4550, 4551]	6030	[1048, 8634]	9492	[11645, 6226]	12954	[11993, 6898]
2569	[4552, 4553]	6031	[8635, 8636]	9493	[7870, 5896]	12955	[2936, 13488]
2570	[4554, 4555]	6032	[8637, 8638]	9494	[7896, 1959]	12956	[11391, 7783]
2571	[4556, 4557]	6033	[8639, 1798]	9495	[11770, 11411]	12957	[7088, 2273]
2572	[385, 4558]	6034	[8640, 8641]	9496	[8089, 2881]	12958	[11171, 3218]
2573	[4559, 1824]	6035	[8642, 4667]	9497	[3273, 11879]	12959	[13578, 6783]
2574	[4560, 4561]	6036	[5498, 8643]	9498	[226, 11196]	12960	[11875, 7450]
2575	[4562, 4563]	6037	[8320, 8644]	9499	[6891, 11880]	12961	[535, 2844]
2576	[4564, 4565]	6038	[8645, 8646]	9500	[1994, 5975]	12962	[6014, 6705]
2577	[4566, 4567]	6039	[3873, 107]	9501	[7763, 7230]	12963	[929, 11346]

2578	[4568, 4569]	6040	[8647, 3388]	9502	[11881, 5834]	12964	[12417, 11441]
2579	[4570, 4571]	6041	[8648, 5490]	9503	[11882, 11813]	12965	[11738, 1898]
2580	[474, 4572]	6042	[8649, 1639]	9504	[11883, 7278]	12966	[12111, 2480]
2581	[4573, 4574]	6043	[8650, 8651]	9505	[11135, 7981]	12967	[11186, 2409]
2582	[4103, 4575]	6044	[8636, 8652]	9506	[8088, 11884]	12968	[2126, 11860]
2583	[4576, 4577]	6045	[1390, 3623]	9507	[11885, 7410]	12969	[11396, 13579]
2584	[4578, 4579]	6046	[8653, 8654]	9508	[11886, 6331]	12970	[7958, 11599]
2585	[1665, 4580]	6047	[8655, 8656]	9509	[11887, 6341]	12971	[11336, 2419]
2586	[1651, 3634]	6048	[8657, 8591]	9510	[11139, 7732]	12972	[12160, 2112]
2587	[4581, 4582]	6049	[8658, 8659]	9511	[11888, 773]	12973	[12195, 2284]
2588	[4583, 4584]	6050	[8660, 8661]	9512	[3068, 11889]	12974	[11370, 2119]
2589	[1321, 3824]	6051	[8662, 8663]	9513	[11890, 6196]	12975	[11778, 6366]
2590	[4489, 4585]	6052	[8664, 8665]	9514	[812, 11891]	12976	[11533, 13580]
2591	[3781, 4255]	6053	[3711, 8666]	9515	[3105, 11584]	12977	[11677, 6739]
2592	[4586, 4587]	6054	[8667, 8668]	9516	[6275, 6868]	12978	[7464, 6966]
2593	[4588, 3765]	6055	[8669, 8670]	9517	[11323, 11892]	12979	[6363, 36]
2594	[3622, 4522]	6056	[8671, 8672]	9518	[2786, 2495]	12980	[13581, 7082]
2595	[4589, 1383]	6057	[8673, 8674]	9519	[7960, 7908]	12981	[6678, 12037]
2596	[4590, 4591]	6058	[8675, 8543]	9520	[7249, 11452]	12982	[12192, 13582]
2597	[4592, 4593]	6059	[8676, 8677]	9521	[11893, 6205]	12983	[2397, 716]
2598	[4594, 4595]	6060	[8678, 4988]	9522	[957, 11894]	12984	[2848, 2828]
2599	[4596, 1217]	6061	[1472, 8679]	9523	[11895, 11865]	12985	[6023, 3275]
2600	[4597, 4598]	6062	[8680, 115]	9524	[816, 11896]	12986	[8060, 7771]
2601	[4599, 4600]	6063	[8681, 8682]	9525	[11870, 5758]	12987	[11406, 516]
2602	[4601, 4530]	6064	[1419, 8618]	9526	[11198, 149]	12988	[13555, 12197]
2603	[1384, 4602]	6065	[8683, 8684]	9527	[2232, 7723]	12989	[11729, 2472]
2604	[4603, 4604]	6066	[8685, 8686]	9528	[11897, 6162]	12990	[12070, 11827]
2605	[3556, 4605]	6067	[8687, 4400]	9529	[7665, 2920]	12991	[7605, 11633]
2606	[4606, 4607]	6068	[8688, 8689]	9530	[11898, 2276]	12992	[6581, 6182]
2607	[4608, 4609]	6069	[3535, 4117]	9531	[8022, 11899]	12993	[13583, 585]
2608	[4610, 4611]	6070	[1640, 8690]	9532	[2125, 11320]	12994	[2226, 13584]
2609	[4612, 3530]	6071	[8691, 8692]	9533	[2533, 2589]	12995	[7450, 6973]
2610	[4613, 4614]	6072	[8693, 8694]	9534	[5881, 6892]	12996	[11568, 7124]
2611	[4615, 4616]	6073	[8695, 1760]	9535	[11168, 680]	12997	[6244, 7421]
2612	[4360, 4617]	6074	[5562, 1762]	9536	[8142, 11900]	12998	[2362, 7928]
2613	[4618, 4003]	6075	[1763, 8696]	9537	[7759, 7016]	12999	[43, 2774]
2614	[4619, 4620]	6076	[8697, 8698]	9538	[7042, 5882]	13000	[142, 12434]
2615	[4621, 4622]	6077	[8699, 8700]	9539	[11398, 6939]	13001	[13585, 563]
2616	[4623, 3776]	6078	[8701, 273]	9540	[6009, 11901]	13002	[7413, 6093]
2617	[4624, 4625]	6079	[8702, 8703]	9541	[6952, 11718]	13003	[11518, 13457]
2618	[3604, 4626]	6080	[470, 1764]	9542	[7839, 11902]	13004	[1901, 13583]
2619	[1155, 4627]	6081	[8704, 3615]	9543	[6446, 5860]	13005	[8161, 13459]
2620	[4628, 4476]	6082	[8705, 8706]	9544	[2735, 11903]	13006	[11418, 12039]
2621	[4153, 4629]	6083	[8707, 8708]	9545	[3011, 11904]	13007	[7883, 13586]

2622	[4630, 4631]	6084	[8709, 8572]	9546	[1953, 11656]	13008	[2083, 12012]
2623	[4632, 4633]	6085	[4497, 3590]	9547	[7548, 866]	13009	[12256, 7354]
2624	[3855, 4634]	6086	[8710, 3679]	9548	[11451, 6640]	13010	[13485, 6336]
2625	[4635, 4636]	6087	[5161, 8711]	9549	[2107, 11580]	13011	[11769, 12272]
2626	[4637, 4638]	6088	[8712, 8713]	9550	[2879, 6899]	13012	[6849, 2721]
2627	[4639, 1278]	6089	[8714, 8715]	9551	[6641, 2182]	13013	[6642, 7567]
2628	[4640, 4641]	6090	[8716, 8717]	9552	[747, 630]	13014	[2024, 7673]
2629	[4642, 4643]	6091	[8718, 1351]	9553	[8160, 11905]	13015	[7761, 11981]
2630	[1113, 4644]	6092	[8719, 8720]	9554	[6950, 2548]	13016	[7310, 6905]
2631	[4645, 4646]	6093	[8721, 1783]	9555	[1950, 11906]	13017	[11117, 766]
2632	[4647, 4648]	6094	[4724, 5035]	9556	[11907, 11481]	13018	[729, 11659]
2633	[4649, 4650]	6095	[8722, 4630]	9557	[11908, 11909]	13019	[8055, 13587]
2634	[4651, 4652]	6096	[4971, 8723]	9558	[3265, 2473]	13020	[12146, 1922]
2635	[4653, 4654]	6097	[8724, 8725]	9559	[11910, 6389]	13021	[6238, 12149]
2636	[4655, 4656]	6098	[8726, 3335]	9560	[7549, 1883]	13022	[11458, 12449]
2637	[3407, 4657]	6099	[8727, 8728]	9561	[2643, 2690]	13023	[7045, 12210]
2638	[4658, 4659]	6100	[8534, 8729]	9562	[6007, 11811]	13024	[6246, 7182]
2639	[1195, 4660]	6101	[8730, 8731]	9563	[11911, 11912]	13025	[12299, 2909]
2640	[4661, 4662]	6102	[8732, 8733]	9564	[6230, 11913]	13026	[5904, 13588]
2641	[4663, 4664]	6103	[8734, 8735]	9565	[3285, 839]	13027	[2106, 13483]
2642	[4665, 4666]	6104	[8736, 8612]	9566	[8081, 2846]	13028	[7687, 731]
2643	[4667, 4668]	6105	[8737, 471]	9567	[5840, 11914]	13029	[7778, 11573]
2644	[4669, 4670]	6106	[8738, 8739]	9568	[7469, 5847]	13030	[2101, 12461]
2645	[4671, 4672]	6107	[4515, 8740]	9569	[11430, 7716]	13031	[3256, 11305]
2646	[4673, 4674]	6108	[8741, 4799]	9570	[11915, 2368]	13032	[7686, 7841]
2647	[4675, 4676]	6109	[8742, 8502]	9571	[6225, 6589]	13033	[8084, 12096]
2648	[4677, 4678]	6110	[8743, 8744]	9572	[7978, 189]	13034	[13589, 6529]
2649	[4035, 4679]	6111	[8646, 8745]	9573	[11916, 11265]	13035	[7330, 13590]
2650	[4680, 4681]	6112	[8746, 8747]	9574	[228, 6457]	13036	[7937, 7453]
2651	[4682, 4683]	6113	[8748, 8749]	9575	[11917, 2033]	13037	[13591, 11909]
2652	[4684, 4685]	6114	[8750, 8751]	9576	[11918, 7992]	13038	[11473, 2516]
2653	[4686, 4677]	6115	[8752, 3740]	9577	[11561, 11889]	13039	[12235, 1886]
2654	[4687, 4688]	6116	[5507, 8701]	9578	[3021, 6627]	13040	[13592, 12410]
2655	[4689, 4690]	6117	[5509, 8753]	9579	[2772, 2655]	13041	[7360, 11424]
2656	[4691, 4692]	6118	[8754, 8755]	9580	[11263, 7234]	13042	[11350, 7248]
2657	[4479, 4693]	6119	[8756, 8697]	9581	[6397, 5931]	13043	[5813, 11254]
2658	[4694, 1614]	6120	[8757, 4848]	9582	[2707, 169]	13044	[3029, 7380]
2659	[4695, 1615]	6121	[8758, 8759]	9583	[11919, 7716]	13045	[6852, 7253]
2660	[4696, 4697]	6122	[8760, 8614]	9584	[11920, 6680]	13046	[831, 13593]
2661	[4698, 4615]	6123	[4856, 8761]	9585	[2410, 8145]	13047	[8007, 5825]
2662	[4699, 400]	6124	[8515, 1672]	9586	[11617, 11780]	13048	[7354, 11650]
2663	[4700, 4701]	6125	[8762, 8763]	9587	[7710, 1873]	13049	[6095, 12455]
2664	[4702, 4703]	6126	[4511, 8764]	9588	[11921, 11114]	13050	[13594, 11793]
2665	[4704, 4705]	6127	[8765, 5423]	9589	[172, 7889]	13051	[12268, 13595]

2666	[4706, 4707]	6128	[8766, 8767]	9590	[11811, 11231]	13052	[2369, 6721]
2667	[4708, 4709]	6129	[8768, 8769]	9591	[7506, 6652]	13053	[12340, 11614]
2668	[4710, 4711]	6130	[8770, 8505]	9592	[11172, 7923]	13054	[12404, 5903]
2669	[4712, 4713]	6131	[8771, 8772]	9593	[7708, 11922]	13055	[6468, 3149]
2670	[4099, 1337]	6132	[8773, 8774]	9594	[3084, 6048]	13056	[3080, 5805]
2671	[4714, 4715]	6133	[8775, 8776]	9595	[11381, 1965]	13057	[11892, 8065]
2672	[4716, 4717]	6134	[8777, 8778]	9596	[7592, 848]	13058	[6151, 5916]
2673	[4718, 4719]	6135	[8779, 8780]	9597	[11923, 2560]	13059	[598, 11830]
2674	[4720, 3463]	6136	[8781, 8377]	9598	[8160, 11924]	13060	[13596, 13597]
2675	[3523, 4321]	6137	[8418, 8782]	9599	[11281, 7914]	13061	[11984, 7086]
2676	[4721, 4722]	6138	[5234, 8783]	9600	[11925, 11467]	13062	[772, 7917]
2677	[4723, 4724]	6139	[8784, 8785]	9601	[11293, 7730]	13063	[8150, 840]
2678	[4725, 4726]	6140	[3850, 8786]	9602	[161, 2053]	13064	[13598, 6956]
2679	[403, 1551]	6141	[4886, 8787]	9603	[6133, 11926]	13065	[7227, 14]
2680	[3941, 4727]	6142	[8788, 8789]	9604	[5922, 11901]	13066	[2099, 6582]
2681	[4650, 4728]	6143	[8293, 8790]	9605	[11927, 2157]	13067	[7039, 3291]
2682	[4729, 4730]	6144	[4967, 4928]	9606	[653, 6881]	13068	[2601, 12127]
2683	[4731, 4732]	6145	[5175, 8791]	9607	[11928, 2096]	13069	[7990, 3241]
2684	[4733, 4734]	6146	[8792, 5323]	9608	[1878, 7157]	13070	[13599, 2222]
2685	[4249, 4735]	6147	[1821, 1559]	9609	[6584, 1892]	13071	[13600, 3114]
2686	[4736, 4737]	6148	[8793, 8794]	9610	[11929, 2995]	13072	[11871, 11141]
2687	[4738, 4739]	6149	[1098, 8795]	9611	[11666, 11930]	13073	[11378, 11516]
2688	[4740, 4741]	6150	[8796, 3547]	9612	[11362, 3255]	13074	[13601, 7264]
2689	[68, 4742]	6151	[8797, 3549]	9613	[2874, 11931]	13075	[830, 11941]
2690	[64, 465]	6152	[1772, 8798]	9614	[8090, 11865]	13076	[7635, 11583]
2691	[66, 4743]	6153	[3497, 8799]	9615	[11183, 11932]	13077	[216, 6937]
2692	[4744, 4745]	6154	[8800, 5419]	9616	[11233, 806]	13078	[726, 6421]
2693	[4746, 4747]	6155	[5406, 8801]	9617	[2206, 11880]	13079	[13585, 2261]
2694	[1568, 4748]	6156	[8802, 8803]	9618	[8060, 7019]	13080	[11670, 2614]
2695	[4749, 4750]	6157	[16, 8804]	9619	[11409, 7722]	13081	[6901, 7881]
2696	[4751, 4752]	6158	[8805, 8806]	9620	[5759, 11216]	13082	[13602, 7611]
2697	[4753, 4195]	6159	[8807, 8808]	9621	[8102, 2676]	13083	[11751, 2483]
2698	[4754, 4197]	6160	[8809, 8810]	9622	[8114, 3034]	13084	[11920, 11128]
2699	[1026, 1206]	6161	[4304, 1025]	9623	[6593, 3219]	13085	[11566, 6141]
2700	[1445, 4755]	6162	[8300, 8811]	9624	[11933, 2045]	13086	[6767, 5972]
2701	[4756, 4757]	6163	[4989, 8466]	9625	[6031, 11504]	13087	[13603, 6636]
2702	[4758, 1780]	6164	[8812, 8813]	9626	[2926, 11934]	13088	[12008, 5768]
2703	[4759, 4760]	6165	[354, 8814]	9627	[2658, 11935]	13089	[11792, 13604]
2704	[4761, 4762]	6166	[8815, 8816]	9628	[11874, 5838]	13090	[6410, 558]
2705	[4763, 4764]	6167	[3795, 3984]	9629	[1939, 11702]	13091	[11377, 13566]
2706	[4765, 4766]	6168	[8817, 3936]	9630	[11267, 6258]	13092	[12184, 7572]
2707	[1632, 339]	6169	[4140, 8818]	9631	[7295, 2737]	13093	[12422, 7703]
2708	[4767, 4768]	6170	[8819, 8820]	9632	[11936, 7664]	13094	[2101, 6917]
2709	[3517, 4769]	6171	[8821, 8822]	9633	[11170, 7883]	13095	[3117, 12017]

2710	[4770, 4771]	6172	[8823, 8824]	9634	[11937, 11593]	13096	[5830, 12330]
2711	[4772, 4773]	6173	[8825, 4042]	9635	[2292, 11938]	13097	[8121, 6235]
2712	[4774, 4154]	6174	[8826, 4514]	9636	[7122, 7088]	13098	[6425, 2287]
2713	[84, 4775]	6175	[8827, 8828]	9637	[734, 3023]	13099	[3064, 2553]
2714	[4776, 21]	6176	[8829, 8830]	9638	[7989, 11891]	13100	[12021, 12354]
2715	[4470, 4777]	6177	[3501, 8831]	9639	[11939, 11641]	13101	[11254, 13605]
2716	[4778, 4779]	6178	[8832, 8833]	9640	[2742, 7708]	13102	[3103, 6431]
2717	[4780, 1128]	6179	[8834, 8835]	9641	[11537, 679]	13103	[7083, 11945]
2718	[4781, 4782]	6180	[8836, 1612]	9642	[7062, 2254]	13104	[5743, 13606]
2719	[4783, 4784]	6181	[1350, 8837]	9643	[11940, 11516]	13105	[13607, 2890]
2720	[4785, 4786]	6182	[8838, 8839]	9644	[11941, 7035]	13106	[12288, 2859]
2721	[4787, 4788]	6183	[8840, 8841]	9645	[7116, 238]	13107	[13526, 2895]
2722	[4789, 4790]	6184	[8842, 5575]	9646	[11382, 7425]	13108	[7438, 8076]
2723	[4791, 4792]	6185	[8843, 4067]	9647	[11942, 11943]	13109	[176, 12019]
2724	[1832, 4651]	6186	[8581, 8844]	9648	[6401, 11944]	13110	[6923, 6958]
2725	[4793, 4794]	6187	[8845, 8846]	9649	[7877, 3089]	13111	[7013, 8166]
2726	[4795, 4796]	6188	[8847, 8848]	9650	[7256, 7988]	13112	[128, 12385]
2727	[4797, 4798]	6189	[8590, 8849]	9651	[693, 6199]	13113	[7840, 5832]
2728	[4799, 4800]	6190	[4762, 8850]	9652	[11666, 11945]	13114	[7336, 2528]
2729	[4801, 4802]	6191	[8851, 8852]	9653	[11946, 6022]	13115	[7025, 1886]
2730	[4803, 4804]	6192	[4808, 8853]	9654	[2554, 11947]	13116	[853, 2924]
2731	[3804, 4805]	6193	[8854, 5418]	9655	[11948, 11949]	13117	[2988, 13606]
2732	[3986, 4806]	6194	[8855, 8856]	9656	[11611, 6330]	13118	[6861, 3019]
2733	[4807, 4808]	6195	[1586, 8857]	9657	[11950, 11463]	13119	[789, 7244]
2734	[4809, 4810]	6196	[377, 8858]	9658	[5801, 11951]	13120	[11967, 6094]
2735	[4811, 4812]	6197	[8859, 3880]	9659	[2762, 2642]	13121	[13608, 13609]
2736	[4813, 4814]	6198	[8860, 8861]	9660	[11440, 6383]	13122	[11627, 11439]
2737	[4815, 4816]	6199	[8862, 8863]	9661	[11345, 11755]	13123	[7130, 11995]
2738	[4817, 4818]	6200	[1344, 8864]	9662	[7426, 6016]	13124	[12150, 11926]
2739	[4819, 4820]	6201	[8865, 8539]	9663	[11952, 11953]	13125	[6755, 7352]
2740	[4821, 4822]	6202	[8866, 1485]	9664	[7339, 11954]	13126	[13610, 11682]
2741	[4362, 4823]	6203	[8867, 1855]	9665	[8067, 6636]	13127	[12231, 6658]
2742	[4824, 4825]	6204	[3527, 4950]	9666	[2851, 2780]	13128	[11648, 11268]
2743	[4826, 4827]	6205	[4303, 8868]	9667	[2534, 7741]	13129	[12068, 8026]
2744	[4828, 4829]	6206	[8455, 8315]	9668	[2191, 6083]	13130	[6872, 2534]
2745	[4830, 4831]	6207	[8869, 8870]	9669	[2914, 5805]	13131	[12314, 12379]
2746	[264, 4832]	6208	[1010, 4859]	9670	[11895, 6124]	13132	[11514, 11975]
2747	[4169, 4833]	6209	[8871, 4546]	9671	[11955, 6790]	13133	[13611, 686]
2748	[4834, 4835]	6210	[8872, 8873]	9672	[11956, 5991]	13134	[11971, 8085]
2749	[4836, 4837]	6211	[4878, 8874]	9673	[7957, 6419]	13135	[11145, 164]
2750	[4838, 4839]	6212	[8717, 8875]	9674	[7282, 11673]	13136	[8137, 11495]
2751	[4840, 4841]	6213	[8876, 1773]	9675	[6028, 6362]	13137	[5923, 3256]
2752	[4842, 4843]	6214	[8877, 8878]	9676	[11957, 6133]	13138	[7689, 12377]
2753	[4844, 4845]	6215	[8879, 1531]	9677	[11958, 6239]	13139	[13557, 3226]

2754	[4846, 4847]	6216	[8880, 8881]	9678	[11555, 11959]	13140	[6173, 13466]
2755	[4848, 4849]	6217	[8882, 8883]	9679	[7265, 6708]	13141	[7932, 7869]
2756	[4850, 4851]	6218	[4802, 8884]	9680	[2501, 7013]	13142	[7653, 2447]
2757	[4852, 4853]	6219	[8885, 8886]	9681	[11960, 2341]	13143	[13612, 13569]
2758	[4854, 1015]	6220	[3552, 1356]	9682	[6833, 6814]	13144	[3202, 11569]
2759	[4855, 4856]	6221	[8887, 8680]	9683	[828, 6167]	13145	[12331, 13593]
2760	[4857, 4858]	6222	[8888, 8889]	9684	[8098, 11961]	13146	[6833, 13613]
2761	[4859, 4559]	6223	[8890, 4143]	9685	[7794, 2985]	13147	[11726, 6320]
2762	[4860, 4861]	6224	[5543, 8891]	9686	[11962, 160]	13148	[6893, 11415]
2763	[4862, 4863]	6225	[8892, 8893]	9687	[8029, 11963]	13149	[12038, 13614]
2764	[26, 4864]	6226	[8894, 8895]	9688	[11964, 11965]	13150	[13615, 834]
2765	[4865, 4866]	6227	[8896, 8897]	9689	[11966, 11967]	13151	[2460, 6978]
2766	[4867, 4868]	6228	[1104, 8898]	9690	[7867, 3181]	13152	[11562, 6353]
2767	[4869, 4870]	6229	[5427, 1726]	9691	[7163, 6742]	13153	[5944, 3088]
2768	[4871, 4872]	6230	[8899, 8900]	9692	[779, 11507]	13154	[13505, 7786]
2769	[4873, 4874]	6231	[8901, 8902]	9693	[7351, 2896]	13155	[13616, 6579]
2770	[4875, 4876]	6232	[8903, 8904]	9694	[2999, 6203]	13156	[7930, 6773]
2771	[4877, 4878]	6233	[8905, 8906]	9695	[2897, 11968]	13157	[8148, 12100]
2772	[4879, 1489]	6234	[8907, 4411]	9696	[3101, 6933]	13158	[13525, 13537]
2773	[4880, 4852]	6235	[4107, 8908]	9697	[11969, 2115]	13159	[5734, 11541]
2774	[4881, 4882]	6236	[8909, 8910]	9698	[5887, 7440]	13160	[2521, 12460]
2775	[4883, 4884]	6237	[8911, 8464]	9699	[11970, 3303]	13161	[7202, 8107]
2776	[4885, 4886]	6238	[8912, 8913]	9700	[8099, 11971]	13162	[13501, 7787]
2777	[4887, 4888]	6239	[5671, 1779]	9701	[7618, 11972]	13163	[12394, 2927]
2778	[4889, 4890]	6240	[8914, 8915]	9702	[7664, 2683]	13164	[13617, 12413]
2779	[451, 4891]	6241	[8916, 8917]	9703	[6686, 6255]	13165	[6606, 6418]
2780	[4892, 4893]	6242	[8918, 8919]	9704	[6288, 3215]	13166	[6312, 12189]
2781	[4894, 4895]	6243	[8920, 4056]	9705	[11639, 11368]	13167	[12022, 616]
2782	[4896, 4897]	6244	[8633, 1035]	9706	[11803, 6867]	13168	[6908, 12411]
2783	[4898, 4899]	6245	[8921, 8922]	9707	[6259, 11973]	13169	[3234, 7077]
2784	[4633, 4900]	6246	[5596, 8918]	9708	[944, 11974]	13170	[12301, 6012]
2785	[4901, 4426]	6247	[8923, 8924]	9709	[11975, 7474]	13171	[12235, 11289]
2786	[4902, 4903]	6248	[8925, 8926]	9710	[6249, 7266]	13172	[13618, 11636]
2787	[4904, 4496]	6249	[5545, 8927]	9711	[11976, 3123]	13173	[6590, 7406]
2788	[4905, 4906]	6250	[3827, 8928]	9712	[2940, 11977]	13174	[6896, 148]
2789	[4907, 4908]	6251	[5197, 8587]	9713	[3304, 8135]	13175	[6940, 13619]
2790	[4909, 4785]	6252	[344, 8929]	9714	[150, 2013]	13176	[2538, 6164]
2791	[1076, 4910]	6253	[8930, 8931]	9715	[11978, 7457]	13177	[11602, 11278]
2792	[4911, 4912]	6254	[8926, 8932]	9716	[11660, 7713]	13178	[5844, 7830]
2793	[4913, 4914]	6255	[8933, 1134]	9717	[11979, 3250]	13179	[11747, 11298]
2794	[4915, 4916]	6256	[8934, 8935]	9718	[3228, 11374]	13180	[12433, 13620]
2795	[3635, 1282]	6257	[5079, 4718]	9719	[825, 11453]	13181	[3272, 7704]
2796	[4917, 4918]	6258	[8936, 4720]	9720	[11980, 11981]	13182	[2302, 7526]
2797	[4919, 4920]	6259	[8937, 8938]	9721	[11982, 11983]	13183	[5761, 11668]

2798	[1456, 4921]	6260	[8939, 8940]	9722	[11984, 2268]	13184	[6033, 11817]
2799	[4922, 4923]	6261	[8941, 8942]	9723	[5800, 7365]	13185	[11976, 12439]
2800	[4924, 477]	6262	[8943, 8944]	9724	[7567, 5919]	13186	[12287, 937]
2801	[4925, 4926]	6263	[8945, 1078]	9725	[6783, 11985]	13187	[568, 11628]
2802	[4927, 3417]	6264	[8946, 8947]	9726	[6917, 11986]	13188	[2740, 13621]
2803	[4928, 4929]	6265	[8948, 4801]	9727	[7580, 2707]	13189	[11191, 7218]
2804	[4930, 4931]	6266	[8949, 8950]	9728	[11987, 8150]	13190	[7089, 13622]
2805	[4168, 4932]	6267	[8951, 1785]	9729	[8116, 11988]	13191	[2118, 11728]
2806	[4933, 4934]	6268	[368, 8952]	9730	[7034, 2814]	13192	[6220, 13623]
2807	[4935, 4936]	6269	[8953, 8879]	9731	[11989, 697]	13193	[2591, 7118]
2808	[4937, 4938]	6270	[8954, 8955]	9732	[5834, 11457]	13194	[2579, 625]
2809	[3495, 4772]	6271	[4268, 8956]	9733	[7196, 6571]	13195	[522, 12398]
2810	[4939, 4940]	6272	[3892, 8695]	9734	[2209, 6731]	13196	[7985, 12324]
2811	[352, 4941]	6273	[8957, 4199]	9735	[11952, 11990]	13197	[3208, 743]
2812	[4942, 3815]	6274	[8958, 8959]	9736	[3048, 11729]	13198	[2609, 1985]
2813	[4943, 4944]	6275	[8960, 8961]	9737	[2843, 11363]	13199	[11985, 13571]
2814	[4945, 3659]	6276	[8962, 8963]	9738	[7574, 2004]	13200	[6156, 12220]
2815	[4946, 4947]	6277	[3875, 8964]	9739	[6186, 11991]	13201	[6250, 7267]
2816	[4233, 4948]	6278	[8952, 8468]	9740	[6354, 2627]	13202	[6536, 11474]
2817	[4435, 4949]	6279	[8965, 8966]	9741	[11992, 3014]	13203	[784, 8089]
2818	[4950, 4951]	6280	[8967, 8894]	9742	[11993, 2152]	13204	[12248, 2393]
2819	[4952, 4133]	6281	[8968, 8969]	9743	[7719, 11994]	13205	[6364, 5897]
2820	[4953, 4954]	6282	[8970, 8971]	9744	[6843, 2673]	13206	[12077, 7854]
2821	[4955, 4956]	6283	[8972, 8973]	9745	[8013, 11995]	13207	[11919, 6183]
2822	[1079, 4957]	6284	[8974, 4919]	9746	[11996, 7546]	13208	[13624, 7271]
2823	[4958, 4959]	6285	[8975, 8319]	9747	[2840, 11902]	13209	[3063, 13625]
2824	[4960, 4961]	6286	[8976, 8977]	9748	[8135, 176]	13210	[13620, 11234]
2825	[4962, 4963]	6287	[8978, 8979]	9749	[6544, 2665]	13211	[11107, 5899]
2826	[4964, 4965]	6288	[8980, 1112]	9750	[5941, 877]	13212	[8141, 11557]
2827	[4966, 4967]	6289	[8337, 8981]	9751	[2343, 11245]	13213	[7524, 11785]
2828	[3944, 4968]	6290	[8982, 5583]	9752	[7984, 610]	13214	[3160, 13626]
2829	[1856, 388]	6291	[8983, 8829]	9753	[11997, 11329]	13215	[2946, 12341]
2830	[4914, 4969]	6292	[8984, 8985]	9754	[7231, 836]	13216	[7092, 6114]
2831	[4970, 4971]	6293	[8986, 8987]	9755	[945, 8059]	13217	[12399, 13464]
2832	[3766, 4972]	6294	[8988, 8989]	9756	[3227, 11998]	13218	[1976, 13625]
2833	[4973, 4974]	6295	[8990, 1658]	9757	[6017, 11999]	13219	[12458, 3254]
2834	[4975, 4917]	6296	[8991, 8992]	9758	[12000, 11954]	13220	[6845, 2395]
2835	[4976, 4977]	6297	[1572, 8993]	9759	[11996, 2257]	13221	[13627, 2987]
2836	[4978, 4979]	6298	[4421, 8982]	9760	[11997, 11789]	13222	[11872, 12140]
2837	[4980, 3845]	6299	[8994, 8995]	9761	[2244, 7173]	13223	[6059, 6787]
2838	[4981, 1838]	6300	[8996, 8997]	9762	[12001, 12002]	13224	[5970, 11947]
2839	[4982, 4983]	6301	[8998, 8999]	9763	[6945, 6889]	13225	[134, 5735]
2840	[4984, 4985]	6302	[9000, 9001]	9764	[7886, 223]	13226	[13628, 2661]
2841	[4986, 4987]	6303	[9002, 9003]	9765	[6042, 3158]	13227	[2415, 845]

2842	[4988, 67]	6304	[9004, 317]	9766	[11388, 2595]	13228	[11150, 6474]
2843	[4804, 4989]	6305	[9005, 5484]	9767	[2540, 12003]	13229	[13629, 13630]
2844	[1566, 4990]	6306	[9006, 9007]	9768	[6653, 12004]	13230	[6473, 12356]
2845	[1040, 4991]	6307	[9008, 4596]	9769	[2297, 8125]	13231	[11772, 5824]
2846	[4992, 4993]	6308	[9009, 4395]	9770	[3261, 659]	13232	[11152, 7909]
2847	[4994, 4995]	6309	[9010, 4404]	9771	[11474, 6092]	13233	[6380, 922]
2848	[4996, 4997]	6310	[9011, 9012]	9772	[12005, 12006]	13234	[6254, 6687]
2849	[4998, 4999]	6311	[8868, 9013]	9773	[6170, 7166]	13235	[13631, 13477]
2850	[5000, 5001]	6312	[9014, 9015]	9774	[5856, 12007]	13236	[8100, 7328]
2851	[5002, 4386]	6313	[9016, 9017]	9775	[938, 2684]	13237	[7083, 11930]
2852	[5003, 4388]	6314	[9018, 1525]	9776	[7865, 3032]	13238	[12367, 13632]
2853	[5004, 3991]	6315	[3574, 3541]	9777	[6142, 7442]	13239	[6986, 13633]
2854	[5005, 5006]	6316	[9019, 69]	9778	[12008, 12009]	13240	[12099, 2151]
2855	[5007, 5008]	6317	[1788, 9020]	9779	[7301, 11375]	13241	[7961, 13601]
2856	[5009, 1650]	6318	[9021, 9022]	9780	[12010, 8097]	13242	[6215, 7603]
2857	[4378, 1266]	6319	[8613, 5174]	9781	[7234, 2195]	13243	[758, 2864]
2858	[5010, 3367]	6320	[9023, 9024]	9782	[7115, 7736]	13244	[8145, 11139]
2859	[5011, 5012]	6321	[4227, 9025]	9783	[11960, 7579]	13245	[11883, 7468]
2860	[5013, 5014]	6322	[8959, 9026]	9784	[12011, 11768]	13246	[12106, 13634]
2861	[5015, 5016]	6323	[9027, 5668]	9785	[2698, 5788]	13247	[11367, 11640]
2862	[5017, 5018]	6324	[9028, 9029]	9786	[3041, 7139]	13248	[6865, 12092]
2863	[4648, 5019]	6325	[9030, 9031]	9787	[638, 12012]	13249	[7375, 3305]
2864	[5020, 5021]	6326	[8285, 9032]	9788	[6190, 7747]	13250	[13635, 6192]
2865	[1468, 426]	6327	[9033, 9034]	9789	[12013, 12014]	13251	[2764, 11545]
2866	[5022, 5023]	6328	[8406, 9035]	9790	[11864, 11546]	13252	[7454, 2835]
2867	[3499, 5024]	6329	[9036, 4552]	9791	[12015, 7961]	13253	[13636, 5900]
2868	[3469, 5025]	6330	[9037, 3710]	9792	[6961, 12016]	13254	[12376, 13637]
2869	[5026, 4695]	6331	[3749, 9038]	9793	[7003, 12017]	13255	[12306, 12104]
2870	[5027, 5028]	6332	[8520, 5435]	9794	[12018, 11821]	13256	[11238, 2641]
2871	[3966, 5029]	6333	[9039, 9040]	9795	[2995, 11766]	13257	[7819, 7751]
2872	[5030, 5031]	6334	[5475, 4534]	9796	[6518, 2037]	13258	[6906, 1934]
2873	[5032, 5033]	6335	[9041, 9042]	9797	[6622, 12019]	13259	[7191, 2517]
2874	[5034, 4188]	6336	[9043, 9044]	9798	[6541, 6353]	13260	[2143, 11544]
2875	[5035, 5036]	6337	[9045, 9046]	9799	[12020, 6520]	13261	[2662, 3132]
2876	[5037, 271]	6338	[9047, 9048]	9800	[7005, 11938]	13262	[12448, 13638]
2877	[5038, 1339]	6339	[4622, 9049]	9801	[2734, 11540]	13263	[7938, 5995]
2878	[5039, 5040]	6340	[9050, 9051]	9802	[6310, 2481]	13264	[12161, 2113]
2879	[5041, 5042]	6341	[9052, 9053]	9803	[7252, 2013]	13265	[13639, 13640]
2880	[5043, 5044]	6342	[9054, 9055]	9804	[7491, 7655]	13266	[12428, 13622]
2881	[1517, 5045]	6343	[9056, 1202]	9805	[2795, 8123]	13267	[13641, 11963]
2882	[1519, 5046]	6344	[9057, 1670]	9806	[2291, 7005]	13268	[12085, 13642]
2883	[5047, 5048]	6345	[9058, 9059]	9807	[11664, 6265]	13269	[11943, 910]
2884	[5049, 5050]	6346	[5045, 9060]	9808	[2055, 924]	13270	[3193, 12058]
2885	[5051, 5052]	6347	[8416, 3386]	9809	[8151, 3201]	13271	[6634, 6517]

2886	[5053, 5054]	6348	[9061, 9062]	9810	[12021, 7514]	13272	[2679, 13643]
2887	[5055, 5056]	6349	[9063, 9064]	9811	[11396, 11542]	13273	[12354, 13644]
2888	[5057, 5058]	6350	[4565, 9065]	9812	[6585, 6733]	13274	[13645, 2407]
2889	[5059, 3959]	6351	[1111, 9066]	9813	[2944, 5845]	13275	[12237, 7469]
2890	[5060, 5061]	6352	[5433, 9067]	9814	[2808, 1919]	13276	[7953, 11414]
2891	[5062, 481]	6353	[9068, 4639]	9815	[12022, 2256]	13277	[2516, 6001]
2892	[5063, 5064]	6354	[9069, 9070]	9816	[1922, 798]	13278	[6658, 12027]
2893	[5065, 5066]	6355	[9071, 9072]	9817	[12023, 5767]	13279	[7161, 12274]
2894	[4829, 5067]	6356	[9073, 9074]	9818	[7538, 7091]	13280	[1947, 13558]
2895	[5068, 5069]	6357	[4727, 9075]	9819	[12024, 565]	13281	[13578, 12423]
2896	[5070, 5071]	6358	[5346, 3698]	9820	[7236, 220]	13282	[2604, 7210]
2897	[5072, 3607]	6359	[9076, 9077]	9821	[714, 6093]	13283	[7539, 8091]
2898	[5073, 5074]	6360	[9078, 9079]	9822	[5855, 7635]	13284	[12047, 2918]
2899	[5075, 5076]	6361	[3379, 9080]	9823	[863, 855]	13285	[11171, 6284]
2900	[5077, 4409]	6362	[9081, 9082]	9824	[7777, 7825]	13286	[7638, 11158]
2901	[5078, 5079]	6363	[5614, 9083]	9825	[11911, 12025]	13287	[6698, 11321]
2902	[1060, 5080]	6364	[9084, 9085]	9826	[7935, 12026]	13288	[13646, 11857]
2903	[5081, 5082]	6365	[9086, 5310]	9827	[3131, 6071]	13289	[6523, 13647]
2904	[3436, 5083]	6366	[9087, 9088]	9828	[7773, 11353]	13290	[7510, 11597]
2905	[5084, 4996]	6367	[425, 9089]	9829	[7489, 7466]	13291	[2220, 2828]
2906	[5085, 4062]	6368	[5050, 9090]	9830	[11469, 1913]	13292	[7363, 11730]
2907	[5086, 5087]	6369	[9091, 9092]	9831	[2162, 12027]	13293	[12291, 2539]
2908	[5088, 5089]	6370	[9093, 9094]	9832	[2969, 12028]	13294	[7804, 7198]
2909	[5090, 1814]	6371	[9095, 9096]	9833	[1964, 8058]	13295	[13648, 7983]
2910	[3759, 5091]	6372	[5284, 1045]	9834	[12029, 12030]	13296	[11315, 6288]
2911	[5092, 5093]	6373	[9097, 9098]	9835	[12031, 6177]	13297	[13582, 8094]
2912	[5094, 5095]	6374	[9099, 341]	9836	[3168, 3130]	13298	[11598, 7860]
2913	[5096, 5097]	6375	[9100, 8876]	9837	[8049, 2438]	13299	[7816, 12453]
2914	[5098, 5099]	6376	[4149, 9101]	9838	[11442, 12002]	13300	[6714, 2313]
2915	[5100, 5101]	6377	[3954, 9102]	9839	[2030, 11344]	13301	[8074, 13649]
2916	[5102, 5103]	6378	[387, 9103]	9840	[12032, 56]	13302	[12262, 12340]
2917	[5104, 5105]	6379	[8763, 9104]	9841	[12033, 7180]	13303	[7509, 2490]
2918	[5106, 5107]	6380	[9105, 9106]	9842	[11852, 12034]	13304	[11463, 12440]
2919	[5108, 5109]	6381	[1486, 3390]	9843	[12035, 2979]	13305	[7727, 6112]
2920	[5110, 5111]	6382	[9107, 9108]	9844	[7633, 12036]	13306	[6557, 6975]
2921	[5112, 5113]	6383	[9109, 4494]	9845	[2053, 601]	13307	[6522, 12382]
2922	[5114, 5115]	6384	[9110, 3538]	9846	[2486, 2452]	13308	[5743, 6289]
2923	[5116, 5117]	6385	[9111, 4975]	9847	[7952, 5938]	13309	[13650, 11577]
2924	[5118, 5119]	6386	[9112, 9113]	9848	[6494, 7877]	13310	[12297, 2387]
2925	[5120, 5121]	6387	[5264, 9114]	9849	[12037, 2487]	13311	[7410, 7183]
2926	[5122, 5123]	6388	[9115, 9116]	9850	[7826, 2348]	13312	[13651, 11853]
2927	[5124, 1495]	6389	[9117, 9118]	9851	[726, 11384]	13313	[781, 11182]
2928	[5125, 5126]	6390	[9119, 3361]	9852	[1900, 3037]	13314	[3003, 7948]
2929	[5127, 5128]	6391	[9120, 9121]	9853	[2899, 11751]	13315	[6183, 12280]

2930	[3513, 5129]	6392	[4229, 4161]	9854	[12038, 12039]	13316	[3157, 7451]
2931	[5130, 5131]	6393	[5021, 9122]	9855	[12040, 5825]	13317	[12391, 13652]
2932	[5132, 3853]	6394	[9123, 9124]	9856	[2227, 12041]	13318	[11897, 6296]
2933	[5133, 5134]	6395	[9125, 9126]	9857	[12042, 6953]	13319	[13608, 11726]
2934	[5135, 5136]	6396	[9127, 1416]	9858	[7611, 1973]	13320	[13460, 13628]
2935	[5137, 5138]	6397	[4743, 9128]	9859	[12043, 6336]	13321	[7961, 7263]
2936	[5139, 5075]	6398	[9129, 3524]	9860	[11261, 12044]	13322	[8125, 930]
2937	[5140, 5141]	6399	[9130, 5458]	9861	[12045, 12046]	13323	[7255, 11489]
2938	[5142, 289]	6400	[9131, 9132]	9862	[12047, 7891]	13324	[6521, 5747]
2939	[5143, 5144]	6401	[9032, 9133]	9863	[12048, 2525]	13325	[11630, 11677]
2940	[5145, 1349]	6402	[9134, 1255]	9864	[2666, 2599]	13326	[7426, 13653]
2941	[5146, 5147]	6403	[9135, 9136]	9865	[6148, 5996]	13327	[2893, 6390]
2942	[5148, 5149]	6404	[3474, 9137]	9866	[12049, 12050]	13328	[13654, 12269]
2943	[4455, 5150]	6405	[9138, 1712]	9867	[11626, 12051]	13329	[2923, 2929]
2944	[1357, 5151]	6406	[9139, 9140]	9868	[7208, 12052]	13330	[13655, 12374]
2945	[5152, 5153]	6407	[4786, 4125]	9869	[11414, 11160]	13331	[13656, 6617]
2946	[5154, 5060]	6408	[9141, 9142]	9870	[49, 2015]	13332	[6453, 7266]
2947	[5155, 5156]	6409	[9143, 9144]	9871	[6621, 11195]	13333	[7557, 12296]
2948	[4732, 5157]	6410	[8392, 9145]	9872	[12004, 5886]	13334	[5859, 11794]
2949	[5158, 5159]	6411	[9146, 9147]	9873	[12053, 7721]	13335	[13493, 11313]
2950	[5160, 5161]	6412	[8690, 9148]	9874	[12054, 12055]	13336	[13533, 13640]
2951	[5162, 5163]	6413	[9149, 9150]	9875	[2925, 6199]	13337	[7871, 11271]
2952	[5164, 5165]	6414	[9151, 4272]	9876	[6811, 7598]	13338	[11908, 13657]
2953	[5166, 4824]	6415	[9152, 279]	9877	[12056, 11713]	13339	[2069, 13623]
2954	[3660, 5167]	6416	[9153, 9154]	9878	[5790, 2536]	13340	[7880, 7163]
2955	[5168, 5169]	6417	[9155, 5656]	9879	[6987, 7093]	13341	[11685, 7104]
2956	[5170, 5171]	6418	[1427, 9156]	9880	[6864, 3276]	13342	[12345, 12321]
2957	[5172, 5173]	6419	[4537, 9157]	9881	[933, 7674]	13343	[13658, 3250]
2958	[4379, 3378]	6420	[9158, 9159]	9882	[12057, 12058]	13344	[7055, 8021]
2959	[5174, 5175]	6421	[8839, 9160]	9883	[3212, 11483]	13345	[1934, 11376]
2960	[5176, 5177]	6422	[4485, 9161]	9884	[12059, 11354]	13346	[2323, 13531]
2961	[5178, 1320]	6423	[9035, 4589]	9885	[7535, 12060]	13347	[12257, 909]
2962	[5179, 5180]	6424	[4324, 4064]	9886	[6587, 2172]	13348	[7376, 145]
2963	[5181, 5182]	6425	[8310, 9162]	9887	[11783, 7616]	13349	[2727, 13659]
2964	[5183, 5184]	6426	[9163, 9164]	9888	[12061, 2728]	13350	[2143, 11646]
2965	[5185, 5186]	6427	[9165, 9166]	9889	[7107, 7403]	13351	[11264, 13660]
2966	[1458, 5187]	6428	[5069, 9167]	9890	[735, 11682]	13352	[13661, 12387]
2967	[5188, 1299]	6429	[9168, 9169]	9891	[11689, 6246]	13353	[6372, 7825]
2968	[5189, 5190]	6430	[9170, 9171]	9892	[12062, 522]	13354	[3017, 13508]
2969	[5191, 1758]	6431	[9172, 9173]	9893	[8103, 2620]	13355	[11532, 8168]
2970	[5192, 5193]	6432	[9174, 9175]	9894	[6641, 2138]	13356	[12134, 13662]
2971	[5194, 5195]	6433	[1002, 9176]	9895	[11652, 12063]	13357	[11146, 12084]
2972	[5196, 5197]	6434	[5527, 5672]	9896	[11393, 7692]	13358	[13461, 13663]
2973	[5198, 5199]	6435	[9177, 4930]	9897	[6557, 2424]	13359	[6587, 7838]

2974	[5200, 5201]	6436	[9178, 9179]	9898	[6763, 6848]	13360	[11753, 13664]
2975	[5202, 4568]	6437	[9180, 8754]	9899	[2095, 8129]	13361	[12111, 7562]
2976	[5203, 5204]	6438	[8564, 3719]	9900	[7291, 6053]	13362	[7920, 801]
2977	[5205, 5206]	6439	[9181, 428]	9901	[846, 12064]	13363	[2971, 12162]
2978	[1628, 5207]	6440	[9182, 4885]	9902	[2281, 5862]	13364	[11766, 6240]
2979	[5208, 5209]	6441	[9183, 4962]	9903	[3189, 12065]	13365	[6449, 12063]
2980	[5210, 5211]	6442	[4891, 9184]	9904	[12066, 5993]	13366	[6900, 6746]
2981	[5212, 5213]	6443	[9185, 9186]	9905	[7031, 8075]	13367	[1912, 11470]
2982	[5214, 5215]	6444	[9187, 8734]	9906	[5880, 11524]	13368	[2607, 11875]
2983	[5216, 4007]	6445	[9188, 4687]	9907	[6896, 762]	13369	[13481, 12122]
2984	[5217, 5218]	6446	[9189, 9190]	9908	[5796, 11410]	13370	[12437, 13665]
2985	[5219, 4725]	6447	[4220, 410]	9909	[246, 12067]	13371	[6707, 6925]
2986	[5220, 295]	6448	[9191, 9192]	9910	[909, 12068]	13372	[13666, 11778]
2987	[5221, 5222]	6449	[1296, 3545]	9911	[2389, 5745]	13373	[7982, 13667]
2988	[5223, 5224]	6450	[5448, 9193]	9912	[7435, 12069]	13374	[11470, 7347]
2989	[3432, 5225]	6451	[9194, 8951]	9913	[12070, 12071]	13375	[2529, 3229]
2990	[5226, 5227]	6452	[5317, 8484]	9914	[7087, 11548]	13376	[7705, 11941]
2991	[5228, 491]	6453	[9195, 9196]	9915	[2690, 12072]	13377	[7912, 2414]
2992	[5229, 5178]	6454	[4529, 4509]	9916	[6855, 11181]	13378	[7564, 6964]
2993	[5230, 5231]	6455	[9197, 9198]	9917	[2086, 7354]	13379	[13535, 11284]
2994	[4747, 5232]	6456	[9199, 337]	9918	[42, 8167]	13380	[2106, 1946]
2995	[5233, 5234]	6457	[5659, 9200]	9919	[7211, 703]	13381	[7627, 6382]
2996	[5235, 5236]	6458	[9201, 9202]	9920	[968, 2425]	13382	[3231, 7973]
2997	[5237, 5238]	6459	[9203, 4239]	9921	[12073, 12074]	13383	[12237, 687]
2998	[5239, 5240]	6460	[4934, 9204]	9922	[6481, 11808]	13384	[11216, 2288]
2999	[5241, 4578]	6461	[8774, 3924]	9923	[6109, 11119]	13385	[13668, 8099]
3000	[5242, 5243]	6462	[9205, 8648]	9924	[11855, 7512]	13386	[12320, 11944]
3001	[5244, 5245]	6463	[9206, 9207]	9925	[7530, 12075]	13387	[6549, 13603]
3002	[5246, 1314]	6464	[9208, 9209]	9926	[7755, 8062]	13388	[11522, 7312]
3003	[5247, 5248]	6465	[9210, 9211]	9927	[11397, 8066]	13389	[12363, 11310]
3004	[5249, 4078]	6466	[9212, 9213]	9928	[12076, 11990]	13390	[13669, 6481]
3005	[3829, 5250]	6467	[9121, 9214]	9929	[2284, 12077]	13391	[11400, 11671]
3006	[4262, 5251]	6468	[9215, 9216]	9930	[2848, 5853]	13392	[13670, 11203]
3007	[5252, 5253]	6469	[9217, 9218]	9931	[176, 6623]	13393	[13582, 11362]
3008	[4487, 5254]	6470	[9219, 1692]	9932	[12078, 657]	13394	[6707, 6306]
3009	[5255, 5256]	6471	[9220, 9221]	9933	[12079, 11871]	13395	[6921, 7642]
3010	[5257, 5258]	6472	[9222, 9223]	9934	[6873, 12080]	13396	[7150, 6478]
3011	[5259, 5260]	6473	[9098, 5116]	9935	[11922, 11398]	13397	[2239, 8078]
3012	[5261, 5262]	6474	[9224, 5030]	9936	[585, 8043]	13398	[6262, 13549]
3013	[5263, 5264]	6475	[9225, 9226]	9937	[7801, 7753]	13399	[3182, 3228]
3014	[5265, 5266]	6476	[9227, 9228]	9938	[6537, 615]	13400	[7465, 1882]
3015	[5267, 5268]	6477	[9229, 3571]	9939	[6991, 7929]	13401	[6500, 13671]
3016	[5269, 5270]	6478	[9230, 5520]	9940	[3297, 12081]	13402	[5851, 11589]
3017	[5271, 5272]	6479	[9231, 9232]	9941	[12082, 2859]	13403	[2409, 7225]

3018	[5273, 5274]	6480	[1056, 9233]	9942	[54, 2606]	13404	[13672, 7773]
3019	[5275, 5276]	6481	[9234, 9235]	9943	[2935, 11573]	13405	[12280, 11863]
3020	[5277, 5278]	6482	[9236, 9237]	9944	[5739, 11199]	13406	[11490, 1875]
3021	[5279, 5280]	6483	[9238, 9239]	9945	[11719, 8036]	13407	[13673, 13525]
3022	[5281, 5282]	6484	[5299, 8990]	9946	[5955, 6331]	13408	[6545, 6278]
3023	[5283, 5284]	6485	[9240, 3603]	9947	[12056, 5973]	13409	[13674, 13462]
3024	[5285, 5286]	6486	[9241, 9242]	9948	[12083, 509]	13410	[6843, 13602]
3025	[5287, 5288]	6487	[9243, 9244]	9949	[6320, 12084]	13411	[13596, 13675]
3026	[5289, 5290]	6488	[9245, 9246]	9950	[12085, 11212]	13412	[13676, 7076]
3027	[5291, 5292]	6489	[9247, 9236]	9951	[6143, 7676]	13413	[3142, 11530]
3028	[5293, 5294]	6490	[5315, 9248]	9952	[12086, 11869]	13414	[13645, 6022]
3029	[5295, 5296]	6491	[9249, 9250]	9953	[6735, 12087]	13415	[13513, 13677]
3030	[5297, 5298]	6492	[8359, 8626]	9954	[2091, 8005]	13416	[5781, 13492]
3031	[1671, 5299]	6493	[9251, 5382]	9955	[7299, 7696]	13417	[597, 663]
3032	[5300, 5301]	6494	[9252, 8173]	9956	[2032, 12088]	13418	[13678, 13518]
3033	[4951, 5302]	6495	[9253, 8355]	9957	[11797, 513]	13419	[2636, 3244]
3034	[5303, 5285]	6496	[9254, 9255]	9958	[7750, 12089]	13420	[2447, 196]
3035	[5304, 5305]	6497	[9256, 4344]	9959	[6240, 6601]	13421	[13679, 13532]
3036	[5306, 5307]	6498	[1218, 9257]	9960	[8034, 894]	13422	[12383, 8049]
3037	[5308, 5309]	6499	[9258, 8994]	9961	[2628, 11877]	13423	[7663, 2749]
3038	[5310, 5311]	6500	[9259, 9260]	9962	[11412, 7427]	13424	[13680, 6536]
3039	[5312, 5313]	6501	[3877, 9261]	9963	[6075, 237]	13425	[6301, 3087]
3040	[5314, 5315]	6502	[9262, 9263]	9964	[1941, 543]	13426	[556, 7726]
3041	[5316, 5317]	6503	[9264, 444]	9965	[2288, 685]	13427	[12413, 11460]
3042	[5318, 5319]	6504	[9265, 5482]	9966	[12090, 2579]	13428	[232, 11810]
3043	[4938, 4463]	6505	[9266, 9267]	9967	[12091, 12092]	13429	[12442, 2940]
3044	[5320, 5321]	6506	[9268, 9269]	9968	[3015, 6777]	13430	[5809, 151]
3045	[1137, 5322]	6507	[9270, 9271]	9969	[12093, 11341]	13431	[12233, 2670]
3046	[5323, 3435]	6508	[1791, 8649]	9970	[11843, 12094]	13432	[12284, 11292]
3047	[5324, 5325]	6509	[9272, 8251]	9971	[6081, 2016]	13433	[6147, 11233]
3048	[5326, 5327]	6510	[9273, 4836]	9972	[6776, 3016]	13434	[11381, 12129]
3049	[5328, 5329]	6511	[4074, 9274]	9973	[7649, 12095]	13435	[8157, 8044]
3050	[5330, 5331]	6512	[9275, 9276]	9974	[12041, 1975]	13436	[12445, 3042]
3051	[5332, 5333]	6513	[9277, 434]	9975	[2372, 7435]	13437	[11510, 13681]
3052	[90, 5334]	6514	[9278, 9279]	9976	[11703, 789]	13438	[11227, 12335]
3053	[5322, 5143]	6515	[9280, 4939]	9977	[7470, 11295]	13439	[3266, 11404]
3054	[4535, 5335]	6516	[4296, 9281]	9978	[11971, 12096]	13440	[11229, 13500]
3055	[5336, 4071]	6517	[9282, 4414]	9979	[2483, 6415]	13441	[12368, 12095]
3056	[5337, 5338]	6518	[9283, 9284]	9980	[12079, 7393]	13442	[13666, 824]
3057	[5339, 4663]	6519	[9285, 9286]	9981	[7817, 12097]	13443	[7322, 13682]
3058	[4918, 5340]	6520	[9287, 9288]	9982	[12098, 5750]	13444	[2007, 7678]
3059	[5341, 5106]	6521	[9289, 9290]	9983	[11421, 7106]	13445	[2241, 8125]
3060	[5342, 4431]	6522	[8265, 8552]	9984	[6507, 6822]	13446	[11114, 12457]
3061	[5343, 5344]	6523	[1277, 8243]	9985	[7368, 12099]	13447	[2868, 11275]

3062	[5345, 5346]	6524	[9291, 3805]	9986	[7223, 7503]	13448	[5976, 11898]
3063	[5347, 5348]	6525	[9292, 9293]	9987	[2871, 12100]	13449	[11961, 8084]
3064	[5349, 5350]	6526	[3347, 9294]	9988	[12101, 7540]	13450	[13683, 9039]
3065	[5351, 5352]	6527	[8889, 9295]	9989	[11605, 12102]	13451	[4863, 13684]
3066	[5353, 5257]	6528	[9296, 9297]	9990	[2866, 7616]	13452	[4685, 13685]
3067	[5354, 77]	6529	[3629, 1130]	9991	[6340, 2098]	13453	[13686, 13687]
3068	[5355, 3664]	6530	[8629, 9298]	9992	[3027, 12103]	13454	[5434, 12868]
3069	[4023, 5356]	6531	[9299, 9300]	9993	[11622, 12104]	13455	[10945, 12711]
3070	[5357, 1422]	6532	[8487, 9301]	9994	[551, 11389]	13456	[13372, 8901]
3071	[5358, 5359]	6533	[5627, 8825]	9995	[6325, 5738]	13457	[13258, 13688]
3072	[5360, 4286]	6534	[9302, 4456]	9996	[11732, 12105]	13458	[12589, 9397]
3073	[5361, 5362]	6535	[9303, 9304]	9997	[12106, 11477]	13459	[11002, 10583]
3074	[5363, 5364]	6536	[9305, 8719]	9998	[12107, 12108]	13460	[13689, 13690]
3075	[5365, 386]	6537	[9306, 9307]	9999	[12109, 6220]	13461	[13691, 4658]
3076	[5366, 5367]	6538	[9308, 9208]	10000	[7766, 12110]	13462	[8785, 3639]
3077	[1279, 5368]	6539	[8769, 9309]	10001	[11955, 2301]	13463	[13692, 9023]
3078	[3381, 5369]	6540	[9310, 9311]	10002	[5950, 12060]	13464	[12876, 13428]
3079	[5370, 4009]	6541	[9088, 9069]	10003	[860, 11975]	13465	[9044, 13693]
3080	[4607, 5371]	6542	[9312, 8507]	10004	[11717, 872]	13466	[9662, 13694]
3081	[5372, 1029]	6543	[9313, 4704]	10005	[11307, 12111]	13467	[13694, 4898]
3082	[5373, 5374]	6544	[9314, 9315]	10006	[12112, 11383]	13468	[10285, 12939]
3083	[4629, 5375]	6545	[9316, 9317]	10007	[7996, 12113]	13469	[10753, 13695]
3084	[3570, 5376]	6546	[9318, 9319]	10008	[7818, 6393]	13470	[13696, 1770]
3085	[5377, 5378]	6547	[9320, 9321]	10009	[7334, 7875]	13471	[10016, 4273]
3086	[5379, 5380]	6548	[9322, 1781]	10010	[2185, 763]	13472	[11099, 13697]
3087	[5381, 402]	6549	[9323, 8978]	10011	[6772, 7931]	13473	[13698, 5468]
3088	[5382, 5383]	6550	[9324, 9325]	10012	[3307, 12114]	13474	[12926, 10758]
3089	[5384, 5385]	6551	[8584, 9326]	10013	[12115, 2660]	13475	[8242, 13699]
3090	[5386, 5387]	6552	[9327, 8866]	10014	[752, 7323]	13476	[5416, 1714]
3091	[5388, 5389]	6553	[1362, 9328]	10015	[12116, 11904]	13477	[13700, 3668]
3092	[1538, 5390]	6554	[1364, 9329]	10016	[138, 12117]	13478	[13085, 10431]
3093	[3732, 1668]	6555	[9330, 9331]	10017	[6253, 6416]	13479	[13701, 9949]
3094	[5391, 5392]	6556	[9332, 4879]	10018	[7653, 195]	13480	[12861, 5599]
3095	[5393, 5394]	6557	[9333, 1732]	10019	[6382, 6157]	13481	[13702, 13703]
3096	[5395, 5396]	6558	[310, 9334]	10020	[2895, 2605]	13482	[12470, 10117]
3097	[5397, 5398]	6559	[9335, 4093]	10021	[7839, 6515]	13483	[13704, 13705]
3098	[4010, 5399]	6560	[9336, 9337]	10022	[1998, 12118]	13484	[5375, 13706]
3099	[1686, 5400]	6561	[3866, 9338]	10023	[6305, 159]	13485	[10711, 9934]
3100	[3355, 4865]	6562	[9218, 9339]	10024	[7814, 2581]	13486	[1236, 13707]
3101	[5401, 5402]	6563	[9340, 9341]	10025	[7454, 2521]	13487	[12587, 13708]
3102	[5403, 5404]	6564	[9342, 9343]	10026	[8045, 62]	13488	[10724, 13709]
3103	[5405, 5406]	6565	[3658, 9344]	10027	[2816, 7918]	13489	[1717, 13039]
3104	[5407, 4828]	6566	[9345, 1819]	10028	[11204, 5777]	13490	[10967, 4566]
3105	[5408, 5409]	6567	[9346, 9347]	10029	[12048, 6061]	13491	[10980, 1103]

3106	[3904, 5410]	6568	[9348, 8986]	10030	[12119, 7757]	13492	[10847, 13710]
3107	[5411, 5412]	6569	[9349, 9350]	10031	[12120, 203]	13493	[13711, 13712]
3108	[5413, 5414]	6570	[9351, 5363]	10032	[12121, 12122]	13494	[4085, 13333]
3109	[5415, 5416]	6571	[9352, 5548]	10033	[2776, 11566]	13495	[3920, 10043]
3110	[5417, 1796]	6572	[3722, 1080]	10034	[11970, 11762]	13496	[13713, 3451]
3111	[5418, 3437]	6573	[9353, 8805]	10035	[6832, 6813]	13497	[9896, 13440]
3112	[5419, 5420]	6574	[9354, 9355]	10036	[6981, 12123]	13498	[1534, 10188]
3113	[5421, 5422]	6575	[9356, 9278]	10037	[12124, 11564]	13499	[13714, 10564]
3114	[5423, 5424]	6576	[9357, 9358]	10038	[12125, 968]	13500	[4920, 13715]
3115	[1767, 5425]	6577	[9359, 8771]	10039	[520, 6618]	13501	[4, 8865]
3116	[5426, 5427]	6578	[9360, 9361]	10040	[2806, 6132]	13502	[13716, 13717]
3117	[5428, 5057]	6579	[9362, 4283]	10041	[2535, 5791]	13503	[12668, 9205]
3118	[5429, 5430]	6580	[9363, 4490]	10042	[11856, 11773]	13504	[9250, 13718]
3119	[5431, 5051]	6581	[5383, 4749]	10043	[6494, 3088]	13505	[8820, 13719]
3120	[5432, 5433]	6582	[9364, 9365]	10044	[6375, 7507]	13506	[13112, 1645]
3121	[1290, 5434]	6583	[9366, 9367]	10045	[6673, 7010]	13507	[9986, 13240]
3122	[5435, 5436]	6584	[9075, 3363]	10046	[51, 6344]	13508	[12645, 10755]
3123	[5437, 5438]	6585	[9368, 9369]	10047	[12126, 12127]	13509	[9518, 5247]
3124	[5439, 5440]	6586	[9370, 9371]	10048	[12128, 3298]	13510	[13720, 3947]
3125	[5441, 5442]	6587	[4371, 9372]	10049	[1924, 11690]	13511	[13277, 8632]
3126	[5443, 5444]	6588	[5099, 9373]	10050	[6840, 6904]	13512	[4870, 13721]
3127	[5445, 5446]	6589	[8891, 4869]	10051	[6595, 12051]	13513	[10614, 9854]
3128	[5447, 5448]	6590	[9374, 9375]	10052	[6055, 7367]	13514	[13722, 13199]
3129	[5449, 5450]	6591	[9376, 9291]	10053	[6450, 11435]	13515	[5692, 13689]
3130	[5451, 4446]	6592	[3404, 9377]	10054	[927, 12129]	13516	[13723, 9287]
3131	[1066, 5452]	6593	[1250, 9378]	10055	[2507, 11228]	13517	[1803, 13724]
3132	[5453, 1850]	6594	[9379, 9380]	10056	[7453, 2520]	13518	[13725, 297]
3133	[5454, 5455]	6595	[9381, 9382]	10057	[7215, 12130]	13519	[13726, 9950]
3134	[5456, 4763]	6596	[1801, 9383]	10058	[11180, 2391]	13520	[12958, 10164]
3135	[4318, 5457]	6597	[5190, 9384]	10059	[891, 7551]	13521	[3633, 4970]
3136	[5458, 5459]	6598	[4118, 8424]	10060	[11258, 11828]	13522	[4771, 1497]
3137	[5460, 5461]	6599	[9385, 9386]	10061	[11417, 12038]	13523	[8467, 13727]
3138	[5462, 4096]	6600	[9387, 9388]	10062	[1904, 6909]	13524	[13429, 9711]
3139	[5463, 3502]	6601	[1328, 5328]	10063	[11111, 2251]	13525	[13728, 9217]
3140	[5464, 5465]	6602	[9389, 4778]	10064	[12131, 6878]	13526	[10484, 4817]
3141	[3336, 5146]	6603	[5089, 9390]	10065	[11636, 2909]	13527	[13729, 13730]
3142	[5466, 5467]	6604	[9391, 9392]	10066	[6000, 2145]	13528	[13731, 13732]
3143	[5468, 5469]	6605	[9393, 1804]	10067	[2517, 6639]	13529	[9307, 4127]
3144	[5470, 1055]	6606	[1018, 9394]	10068	[11631, 6006]	13530	[13733, 13028]
3145	[3814, 5471]	6607	[9395, 9396]	10069	[7197, 7805]	13531	[13734, 4374]
3146	[5472, 5473]	6608	[9397, 9398]	10070	[12125, 6711]	13532	[5485, 13735]
3147	[5474, 5475]	6609	[9315, 9292]	10071	[2239, 2442]	13533	[4285, 13736]
3148	[5476, 5477]	6610	[9399, 9400]	10072	[2713, 11972]	13534	[1778, 13248]
3149	[5478, 5479]	6611	[9401, 9402]	10073	[7715, 7373]	13535	[10519, 12606]

3150	[976, 4911]	6612	[9403, 8358]	10074	[553, 7482]	13536	[5182, 10020]
3151	[5480, 5481]	6613	[9404, 4901]	10075	[7284, 2748]	13537	[13737, 3611]
3152	[5482, 5483]	6614	[9405, 4047]	10076	[3099, 6391]	13538	[3430, 13314]
3153	[462, 4706]	6615	[397, 9406]	10077	[7640, 12132]	13539	[13738, 13046]
3154	[5484, 5485]	6616	[9407, 9408]	10078	[6152, 7003]	13540	[1305, 12768]
3155	[5486, 422]	6617	[9409, 9410]	10079	[3279, 6976]	13541	[12584, 3352]
3156	[5487, 5073]	6618	[1008, 9411]	10080	[2934, 144]	13542	[13739, 10792]
3157	[5488, 5489]	6619	[998, 9412]	10081	[11438, 12133]	13543	[13740, 9613]
3158	[5490, 5491]	6620	[3324, 9413]	10082	[6020, 8065]	13544	[4709, 3874]
3159	[5492, 5493]	6621	[9077, 9414]	10083	[11775, 12134]	13545	[4019, 10803]
3160	[5494, 5495]	6622	[9415, 4539]	10084	[11237, 7901]	13546	[1695, 10092]
3161	[116, 5496]	6623	[350, 4156]	10085	[11950, 11844]	13547	[12653, 13068]
3162	[5497, 4880]	6624	[9341, 3911]	10086	[3264, 7778]	13548	[12886, 13741]
3163	[1014, 5498]	6625	[9416, 9417]	10087	[12135, 48]	13549	[13015, 10876]
3164	[1727, 5499]	6626	[4214, 9418]	10088	[11707, 11698]	13550	[13742, 1463]
3165	[5452, 5152]	6627	[4216, 9224]	10089	[2256, 617]	13551	[4932, 9503]
3166	[3587, 5500]	6628	[3636, 9419]	10090	[6862, 3020]	13552	[9456, 13743]
3167	[3584, 5501]	6629	[9420, 9421]	10091	[12011, 7189]	13553	[5076, 13744]
3168	[3585, 5502]	6630	[9422, 9423]	10092	[11113, 6712]	13554	[13745, 9727]
3169	[1761, 5503]	6631	[9424, 9425]	10093	[12136, 12137]	13555	[3525, 13746]
3170	[1765, 5426]	6632	[9309, 9426]	10094	[5986, 7232]	13556	[12843, 5314]
3171	[5430, 5451]	6633	[9427, 9428]	10095	[6265, 6058]	13557	[13747, 10736]
3172	[5504, 5505]	6634	[9429, 9430]	10096	[11644, 12138]	13558	[1662, 13748]
3173	[5506, 5507]	6635	[9431, 8349]	10097	[12020, 12139]	13559	[13170, 10986]
3174	[5508, 3588]	6636	[453, 9432]	10098	[11667, 7286]	13560	[13174, 329]
3175	[5502, 5509]	6637	[9433, 9434]	10099	[12140, 12141]	13561	[10557, 13749]
3176	[5510, 5511]	6638	[3930, 9435]	10100	[7811, 6699]	13562	[13750, 13751]
3177	[1244, 1414]	6639	[4912, 9436]	10101	[2696, 12142]	13563	[8913, 13752]
3178	[5512, 5513]	6640	[9437, 9438]	10102	[7610, 5941]	13564	[11070, 10434]
3179	[5514, 3890]	6641	[9439, 8988]	10103	[6218, 2711]	13565	[13753, 10440]
3180	[5515, 5516]	6642	[5371, 8460]	10104	[12143, 831]	13566	[13754, 13713]
3181	[5517, 495]	6643	[9440, 8461]	10105	[6771, 12144]	13567	[13755, 13756]
3182	[5518, 5519]	6644	[4517, 9441]	10106	[11849, 6409]	13568	[10525, 8400]
3183	[5520, 5521]	6645	[9442, 9443]	10107	[7477, 11306]	13569	[13388, 13757]
3184	[5522, 5523]	6646	[9444, 9445]	10108	[820, 7863]	13570	[118, 12789]
3185	[5524, 5525]	6647	[9446, 359]	10109	[8163, 3262]	13571	[13422, 13758]
3186	[5526, 5527]	6648	[4582, 9447]	10110	[12145, 8116]	13572	[3968, 12663]
3187	[5528, 3896]	6649	[9448, 9449]	10111	[12000, 7340]	13573	[12718, 13759]
3188	[5529, 5530]	6650	[9450, 9451]	10112	[48, 7386]	13574	[5501, 13196]
3189	[5531, 5532]	6651	[9452, 9453]	10113	[12068, 2886]	13575	[8696, 13760]
3190	[5491, 5533]	6652	[9454, 3684]	10114	[833, 12146]	13576	[13332, 12959]
3191	[3794, 5534]	6653	[9455, 4406]	10115	[2043, 8008]	13577	[1725, 4422]
3192	[5535, 1659]	6654	[8302, 9456]	10116	[7050, 2447]	13578	[13761, 13213]
3193	[5536, 5537]	6655	[9457, 5679]	10117	[925, 571]	13579	[8185, 13446]

3194	[5538, 3465]	6656	[9458, 9459]	10118	[8000, 2021]	13580	[13224, 9115]
3195	[5539, 5540]	6657	[4631, 9460]	10119	[12147, 637]	13581	[13762, 12928]
3196	[5541, 1674]	6658	[9461, 1069]	10120	[12148, 11805]	13582	[9979, 5632]
3197	[5542, 5543]	6659	[9462, 4937]	10121	[764, 903]	13583	[5307, 13691]
3198	[5544, 5545]	6660	[4513, 432]	10122	[6649, 2768]	13584	[3953, 13201]
3199	[5546, 5547]	6661	[9463, 9464]	10123	[11958, 12149]	13585	[12931, 11009]
3200	[5548, 5549]	6662	[3620, 9465]	10124	[6629, 12150]	13586	[10831, 13763]
3201	[1622, 5550]	6663	[9466, 9467]	10125	[3155, 2083]	13587	[13395, 13764]
3202	[5551, 5552]	6664	[9468, 9469]	10126	[8025, 2880]	13588	[1602, 10684]
3203	[5553, 5554]	6665	[4711, 9405]	10127	[12151, 6405]	13589	[3515, 13765]
3204	[1315, 5555]	6666	[1332, 9470]	10128	[7006, 2538]	13590	[13022, 12503]
3205	[3728, 5556]	6667	[9471, 9472]	10129	[12152, 11744]	13591	[13766, 13767]
3206	[5557, 5558]	6668	[9473, 9474]	10130	[2644, 12153]	13592	[9645, 8943]
3207	[5559, 4562]	6669	[1368, 9475]	10131	[6639, 6735]	13593	[13732, 13766]
3208	[5560, 5561]	6670	[9476, 4655]	10132	[7252, 12154]	13594	[13768, 9732]
3209	[1058, 5562]	6671	[9126, 3628]	10133	[7180, 11525]	13595	[13280, 10022]
3210	[5563, 5564]	6672	[9477, 9478]	10134	[11878, 738]	13596	[8207, 13769]
3211	[5565, 5566]	6673	[9479, 4244]	10135	[11591, 6230]	13597	[10161, 12837]
3212	[5567, 5568]	6674	[9480, 9481]	10136	[7616, 8115]	13598	[13770, 4210]
3213	[5569, 3583]	6675	[9482, 5517]	10137	[8139, 7627]	13599	[13771, 13772]
3214	[5570, 1354]	6676	[9483, 9484]	10138	[2781, 6839]	13600	[8897, 10065]
3215	[5571, 5572]	6677	[9485, 9486]	10139	[3002, 12155]	13601	[13773, 8580]
3216	[5573, 5574]	6678	[9487, 9488]	10140	[11937, 11757]	13602	[5232, 3504]
3217	[5575, 5576]	6679	[9489, 9490]	10141	[12078, 2802]	13603	[5574, 9433]
3218	[5577, 5578]	6680	[9491, 5221]	10142	[7596, 12156]	13604	[8474, 12864]
3219	[5579, 5580]	6681	[9492, 3699]	10143	[12157, 11156]	13605	[8295, 4597]
3220	[383, 4224]	6682	[9493, 9002]	10144	[7547, 6883]	13606	[12828, 12803]
3221	[5581, 5582]	6683	[3792, 9494]	10145	[1966, 6885]	13607	[13774, 13775]
3222	[5583, 5584]	6684	[4961, 1589]	10146	[6403, 857]	13608	[12875, 10349]
3223	[5218, 5585]	6685	[9495, 9496]	10147	[2487, 12086]	13609	[9001, 13208]
3224	[5586, 5587]	6686	[9497, 9498]	10148	[7017, 11395]	13610	[13776, 13777]
3225	[4585, 5588]	6687	[9499, 9500]	10149	[3145, 6902]	13611	[8225, 13755]
3226	[5589, 5590]	6688	[9501, 9502]	10150	[7692, 6348]	13612	[13778, 13080]
3227	[5591, 5592]	6689	[9503, 259]	10151	[2200, 6516]	13613	[1827, 9881]
3228	[1094, 5593]	6690	[9504, 9505]	10152	[7421, 2670]	13614	[12743, 10783]
3229	[5594, 5595]	6691	[9506, 16]	10153	[12158, 2503]	13615	[12948, 5198]
3230	[994, 5596]	6692	[9507, 9508]	10154	[5863, 7781]	13616	[9621, 13384]
3231	[5597, 5598]	6693	[9509, 5721]	10155	[11680, 6306]	13617	[12489, 12777]
3232	[5599, 5600]	6694	[9510, 9511]	10156	[6555, 7288]	13618	[11093, 12970]
3233	[5511, 5601]	6695	[9512, 9513]	10157	[1984, 644]	13619	[13779, 13780]
3234	[5602, 5603]	6696	[9514, 9515]	10158	[11872, 11525]	13620	[13781, 9109]
3235	[5604, 1718]	6697	[9343, 9516]	10159	[12010, 7357]	13621	[5521, 9552]
3236	[5605, 1491]	6698	[4385, 8521]	10160	[6287, 592]	13622	[496, 13782]
3237	[5606, 1844]	6699	[9517, 4781]	10161	[2754, 11621]	13623	[13783, 12746]

3238	[3694, 5607]	6700	[1515, 9518]	10162	[12159, 11223]	13624	[12702, 10543]
3239	[5608, 5609]	6701	[5436, 9519]	10163	[6898, 8020]	13625	[4451, 13784]
3240	[5610, 5611]	6702	[9520, 9521]	10164	[11674, 5895]	13626	[12680, 3414]
3241	[4876, 5612]	6703	[9522, 9523]	10165	[7907, 3029]	13627	[9065, 3599]
3242	[5613, 5614]	6704	[9524, 4512]	10166	[12160, 12161]	13628	[10300, 9497]
3243	[5615, 5010]	6705	[9470, 9525]	10167	[7637, 12162]	13629	[13785, 1756]
3244	[5356, 5616]	6706	[9526, 9527]	10168	[12163, 11959]	13630	[13305, 13786]
3245	[4656, 1160]	6707	[8963, 9008]	10169	[2913, 3080]	13631	[12660, 12726]
3246	[5617, 5618]	6708	[8357, 9528]	10170	[12076, 11953]	13632	[3459, 10442]
3247	[3442, 5619]	6709	[9529, 9530]	10171	[12164, 12165]	13633	[13787, 8230]
3248	[5620, 5621]	6710	[9531, 9532]	10172	[2127, 5998]	13634	[1064, 8386]
3249	[5622, 5623]	6711	[8733, 4221]	10173	[5997, 6550]	13635	[4868, 9686]
3250	[5624, 5625]	6712	[9533, 5676]	10174	[6127, 7528]	13636	[10894, 8434]
3251	[5626, 5627]	6713	[4561, 9534]	10175	[12166, 3015]	13637	[10498, 1476]
3252	[5186, 3671]	6714	[9535, 9536]	10176	[3181, 2528]	13638	[9585, 987]
3253	[5628, 5629]	6715	[8922, 3929]	10177	[6914, 2954]	13639	[12573, 10873]
3254	[5630, 5631]	6716	[8950, 9537]	10178	[6909, 11708]	13640	[10972, 13788]
3255	[5632, 5633]	6717	[8599, 9538]	10179	[11657, 11163]	13641	[1203, 12847]
3256	[5634, 3817]	6718	[9539, 9540]	10180	[2846, 6203]	13642	[8755, 3934]
3257	[5635, 5636]	6719	[9541, 9542]	10181	[2436, 11548]	13643	[13789, 13790]
3258	[5637, 5638]	6720	[1480, 9543]	10182	[969, 2011]	13644	[13791, 10081]
3259	[5639, 5640]	6721	[9544, 4434]	10183	[2461, 2496]	13645	[4510, 13298]
3260	[5641, 5642]	6722	[9545, 8958]	10184	[564, 11433]	13646	[3819, 10479]
3261	[5643, 5644]	6723	[1484, 9546]	10185	[7532, 12167]	13647	[13792, 1722]
3262	[5645, 5646]	6724	[3925, 9547]	10186	[11402, 5940]	13648	[13793, 13794]
3263	[5256, 3396]	6725	[5071, 9047]	10187	[8016, 7837]	13649	[3787, 10722]
3264	[5647, 5648]	6726	[9548, 8920]	10188	[12168, 12169]	13650	[13795, 9165]
3265	[5649, 5650]	6727	[9549, 8968]	10189	[507, 7400]	13651	[10219, 8655]
3266	[5651, 5652]	6728	[9550, 9551]	10190	[6308, 12170]	13652	[13796, 11096]
3267	[5653, 5654]	6729	[9552, 4319]	10191	[6825, 11670]	13653	[10872, 13797]
3268	[5331, 5567]	6730	[5710, 9553]	10192	[11257, 3246]	13654	[13798, 13799]
3269	[5655, 4269]	6731	[1544, 9554]	10193	[11620, 2604]	13655	[13800, 5466]
3270	[5656, 5657]	6732	[9555, 1432]	10194	[12126, 2602]	13656	[5450, 13801]
3271	[5658, 5659]	6733	[4965, 9556]	10195	[12082, 11624]	13657	[13416, 13432]
3272	[5660, 5661]	6734	[9557, 4129]	10196	[3293, 7209]	13658	[10325, 5626]
3273	[5662, 5663]	6735	[9226, 9558]	10197	[7732, 12133]	13659	[9832, 13802]
3274	[490, 4981]	6736	[9559, 9560]	10198	[11302, 7780]	13660	[3773, 13803]
3275	[5664, 5665]	6737	[4587, 4368]	10199	[6988, 2853]	13661	[13327, 3738]
3276	[4276, 4834]	6738	[5611, 9561]	10200	[3081, 529]	13662	[12990, 13804]
3277	[4874, 1001]	6739	[3908, 9562]	10201	[2909, 12105]	13663	[13805, 9679]
3278	[5666, 1508]	6740	[9563, 9564]	10202	[7231, 1969]	13664	[13806, 9672]
3279	[4008, 5667]	6741	[8376, 9476]	10203	[7998, 6571]	13665	[9973, 10108]
3280	[3970, 4613]	6742	[9565, 4478]	10204	[175, 6622]	13666	[13807, 13194]
3281	[5668, 5669]	6743	[9566, 1549]	10205	[590, 12171]	13667	[4335, 9259]

3282	[5670, 5671]	6744	[9567, 8996]	10206	[12172, 12173]	13668	[8602, 13134]
3283	[5672, 5673]	6745	[5042, 1194]	10207	[875, 184]	13669	[10786, 117]
3284	[5674, 5675]	6746	[5044, 9568]	10208	[3292, 7208]	13670	[4105, 11079]
3285	[5676, 1393]	6747	[4849, 9252]	10209	[823, 12174]	13671	[10960, 10402]
3286	[5677, 5678]	6748	[9569, 9570]	10210	[6913, 12175]	13672	[9347, 13808]
3287	[5679, 5680]	6749	[3700, 9571]	10211	[11929, 6293]	13673	[13809, 13810]
3288	[1173, 5681]	6750	[9572, 9573]	10212	[6656, 6215]	13674	[12903, 10337]
3289	[5682, 4927]	6751	[8421, 1065]	10213	[6108, 2727]	13675	[4784, 13811]
3290	[5636, 5683]	6752	[8367, 9574]	10214	[7144, 6810]	13676	[13705, 13812]
3291	[5638, 5684]	6753	[8506, 9575]	10215	[12176, 2063]	13677	[8837, 8914]
3292	[1105, 5685]	6754	[4538, 1249]	10216	[6062, 12044]	13678	[12810, 12906]
3293	[5686, 5687]	6755	[4021, 9576]	10217	[6678, 2977]	13679	[8674, 8334]
3294	[5688, 5689]	6756	[9577, 9578]	10218	[6664, 5970]	13680	[5368, 13237]
3295	[4328, 456]	6757	[9579, 9580]	10219	[12041, 7902]	13681	[13111, 13813]
3296	[5690, 5691]	6758	[4413, 9581]	10220	[1952, 8167]	13682	[5663, 4516]
3297	[4366, 5692]	6759	[9279, 1627]	10221	[7421, 533]	13683	[13814, 11645]
3298	[5693, 4397]	6760	[8549, 9582]	10222	[8129, 6556]	13684	[7481, 7197]
3299	[492, 1478]	6761	[4017, 8289]	10223	[1968, 2808]	13685	[7305, 11454]
3300	[4444, 5297]	6762	[9583, 5137]	10224	[905, 11604]	13686	[5979, 2324]
3301	[4445, 5694]	6763	[9584, 9585]	10225	[7711, 11356]	13687	[12425, 7499]
3302	[5695, 5696]	6764	[9586, 9587]	10226	[7146, 8140]	13688	[13815, 974]
3303	[423, 4357]	6765	[9326, 4556]	10227	[11700, 7107]	13689	[6845, 3122]
3304	[4861, 351]	6766	[9588, 9135]	10228	[6311, 2732]	13690	[13816, 12009]
3305	[5697, 1162]	6767	[9589, 9590]	10229	[11322, 11472]	13691	[6459, 11742]
3306	[5698, 5699]	6768	[9248, 9591]	10230	[2142, 11543]	13692	[7276, 6673]
3307	[98, 5700]	6769	[9592, 9593]	10231	[6406, 6526]	13693	[6160, 13541]
3308	[3351, 5701]	6770	[9239, 1730]	10232	[12177, 7177]	13694	[11755, 7956]
3309	[5702, 5703]	6771	[9527, 9416]	10233	[11155, 12178]	13695	[6365, 11236]
3310	[1252, 3927]	6772	[9594, 9595]	10234	[11565, 252]	13696	[13472, 13817]
3311	[1269, 5704]	6773	[1790, 9596]	10235	[5928, 12179]	13697	[13569, 7277]
3312	[5705, 5706]	6774	[988, 9597]	10236	[3321, 1876]	13698	[2579, 12353]
3313	[5707, 5708]	6775	[9598, 5393]	10237	[7567, 2837]	13699	[3310, 12444]
3314	[5709, 5710]	6776	[9599, 9600]	10238	[7559, 11432]	13700	[6424, 5759]
3315	[3602, 5711]	6777	[9601, 8699]	10239	[32, 11709]	13701	[11562, 7899]
3316	[5712, 5713]	6778	[9602, 9603]	10240	[12180, 7702]	13702	[6813, 13613]
3317	[5714, 5715]	6779	[9604, 9605]	10241	[2562, 7362]	13703	[13818, 13454]
3318	[5716, 5717]	6780	[5204, 9606]	10242	[12181, 1974]	13704	[11461, 13819]
3319	[5718, 5719]	6781	[9607, 9608]	10243	[13, 7228]	13705	[7072, 7072]
3320	[5720, 5664]	6782	[9609, 985]	10244	[819, 6244]	13706	[12277, 12302]
3321	[5721, 5722]	6783	[8893, 9610]	10245	[2830, 12182]	13707	[7791, 2774]
3322	[5723, 5724]	6784	[9611, 9612]	10246	[825, 6367]	13708	[13486, 7047]
3323	[5725, 162]	6785	[9613, 9614]	10247	[7621, 5967]	13709	[6603, 2075]
3324	[5726, 2268]	6786	[9615, 9616]	10248	[12183, 7160]	13710	[7184, 1917]
3325	[864, 2585]	6787	[8312, 9617]	10249	[11939, 11250]	13711	[807, 7685]

3326	[5727, 5728]	6788	[9618, 9619]	10250	[8119, 2010]	13712	[13820, 12361]
3327	[5729, 5730]	6789	[9620, 9621]	10251	[7755, 11355]	13713	[13624, 2962]
3328	[1894, 5731]	6790	[5187, 9622]	10252	[7272, 2543]	13714	[7395, 11819]
3329	[5732, 5733]	6791	[9623, 9624]	10253	[12184, 7033]	13715	[11907, 13497]
3330	[3147, 5734]	6792	[9625, 9626]	10254	[11429, 12185]	13716	[11799, 11948]
3331	[2465, 5735]	6793	[9627, 9628]	10255	[12186, 11822]	13717	[6201, 6987]
3332	[5736, 2920]	6794	[9629, 5357]	10256	[11126, 12187]	13718	[6273, 13512]
3333	[2062, 5737]	6795	[9630, 8544]	10257	[3133, 964]	13719	[13615, 12146]
3334	[5738, 843]	6796	[1713, 9631]	10258	[7786, 12188]	13720	[7871, 13496]
3335	[5739, 5740]	6797	[9632, 9633]	10259	[2082, 638]	13721	[6568, 5911]
3336	[5741, 5742]	6798	[9634, 9635]	10260	[6265, 6663]	13722	[11857, 7199]
3337	[2987, 5743]	6799	[9636, 9637]	10261	[12189, 6542]	13723	[11423, 7913]
3338	[5744, 5745]	6800	[9638, 9639]	10262	[12190, 12191]	13724	[13821, 2914]
3339	[5746, 686]	6801	[9640, 9592]	10263	[2249, 632]	13725	[7139, 8015]
3340	[5747, 5748]	6802	[9641, 8766]	10264	[8126, 7109]	13726	[11985, 12450]
3341	[5749, 5750]	6803	[4641, 9642]	10265	[7051, 7111]	13727	[11816, 6813]
3342	[5751, 5752]	6804	[9643, 9644]	10266	[12192, 12193]	13728	[12186, 11787]
3343	[5753, 2666]	6805	[8902, 9645]	10267	[2119, 12194]	13729	[6052, 5841]
3344	[2221, 5754]	6806	[4742, 9646]	10268	[12195, 5945]	13730	[7321, 11127]
3345	[5755, 2976]	6807	[9090, 9647]	10269	[11427, 3100]	13731	[12442, 11851]
3346	[5756, 5757]	6808	[4833, 9648]	10270	[12146, 2973]	13732	[12290, 13630]
3347	[573, 5758]	6809	[9649, 9650]	10271	[11306, 2234]	13733	[12424, 7203]
3348	[5759, 2287]	6810	[1818, 4789]	10272	[12196, 12197]	13734	[12327, 13822]
3349	[5760, 2289]	6811	[9651, 8710]	10273	[11484, 2204]	13735	[11431, 12028]
3350	[5761, 5762]	6812	[1395, 365]	10274	[12177, 12198]	13736	[13823, 11670]
3351	[2098, 2088]	6813	[9652, 483]	10275	[8134, 11520]	13737	[13522, 6111]
3352	[145, 5763]	6814	[9653, 9654]	10276	[2080, 7850]	13738	[11709, 12072]
3353	[656, 5764]	6815	[4048, 9655]	10277	[2318, 7430]	13739	[12233, 533]
3354	[2298, 5765]	6816	[9656, 9657]	10278	[12199, 830]	13740	[174, 11951]
3355	[5766, 5767]	6817	[9658, 8972]	10279	[11848, 7132]	13741	[13824, 11807]
3356	[5768, 5769]	6818	[9659, 9660]	10280	[12200, 12201]	13742	[12360, 12145]
3357	[3025, 5770]	6819	[9661, 9662]	10281	[6863, 11973]	13743	[6280, 11645]
3358	[5771, 5772]	6820	[9663, 9664]	10282	[5946, 5821]	13744	[13825, 6783]
3359	[3179, 5773]	6821	[4812, 9665]	10283	[2698, 2359]	13745	[3284, 11987]
3360	[3057, 5774]	6822	[9666, 1510]	10284	[11524, 7953]	13746	[13826, 6524]
3361	[3225, 5775]	6823	[9667, 9668]	10285	[7183, 12202]	13747	[725, 6233]
3362	[5776, 5777]	6824	[9669, 4618]	10286	[11446, 3048]	13748	[13471, 11610]
3363	[2552, 3065]	6825	[30, 9670]	10287	[12203, 2812]	13749	[12225, 6842]
3364	[5778, 5779]	6826	[9671, 4448]	10288	[11433, 946]	13750	[7921, 6015]
3365	[5780, 5781]	6827	[9672, 9673]	10289	[12128, 12081]	13751	[2491, 7856]
3366	[5782, 2429]	6828	[9674, 9675]	10290	[12204, 6454]	13752	[12221, 5836]
3367	[5783, 2289]	6829	[1507, 9676]	10291	[12205, 7437]	13753	[8073, 6553]
3368	[5784, 5785]	6830	[9677, 9678]	10292	[2722, 12171]	13754	[11800, 11949]
3369	[5786, 5787]	6831	[9679, 4106]	10293	[11268, 6547]	13755	[11139, 11438]

3370	[5788, 5789]	6832	[9680, 9681]	10294	[943, 11898]	13756	[13827, 12090]
3371	[5790, 5791]	6833	[9682, 8967]	10295	[12206, 742]	13757	[12040, 1935]
3372	[5792, 869]	6834	[1452, 9683]	10296	[536, 2845]	13758	[6419, 6957]
3373	[5793, 5794]	6835	[986, 4913]	10297	[2891, 528]	13759	[11515, 2552]
3374	[5795, 5796]	6836	[9684, 8546]	10298	[1872, 7711]	13760	[13828, 8056]
3375	[3290, 5797]	6837	[5280, 9541]	10299	[7300, 12207]	13761	[7116, 7682]
3376	[5798, 5799]	6838	[8848, 4022]	10300	[8096, 2827]	13762	[2513, 7171]
3377	[5800, 505]	6839	[8780, 1231]	10301	[6747, 2354]	13763	[3095, 6204]
3378	[5801, 5802]	6840	[9685, 4190]	10302	[11385, 11319]	13764	[12249, 13544]
3379	[5803, 2956]	6841	[9686, 9687]	10303	[6245, 599]	13765	[11527, 12451]
3380	[137, 5804]	6842	[9688, 8267]	10304	[11910, 2893]	13766	[11851, 11977]
3381	[2048, 3235]	6843	[9689, 8714]	10305	[7352, 12208]	13767	[13630, 2653]
3382	[5805, 529]	6844	[9690, 9691]	10306	[5967, 2022]	13768	[5818, 859]
3383	[5806, 5807]	6845	[8586, 9692]	10307	[7302, 11144]	13769	[11130, 9]
3384	[5808, 611]	6846	[9693, 9694]	10308	[3288, 770]	13770	[6359, 3155]
3385	[5809, 60]	6847	[9695, 9696]	10309	[2665, 2598]	13771	[13501, 12188]
3386	[5810, 5811]	6848	[9697, 8271]	10310	[7655, 12209]	13772	[13829, 7809]
3387	[5812, 5731]	6849	[9698, 5114]	10311	[6459, 5914]	13773	[12226, 12236]
3388	[5813, 5814]	6850	[9699, 9299]	10312	[6451, 3107]	13774	[7728, 2509]
3389	[5815, 5816]	6851	[9700, 9701]	10313	[12210, 167]	13775	[13494, 11715]
3390	[5817, 691]	6852	[9702, 5581]	10314	[6984, 3141]	13776	[11776, 3044]
3391	[2737, 5818]	6853	[8844, 9703]	10315	[192, 5966]	13777	[13830, 6305]
3392	[36, 554]	6854	[9704, 9705]	10316	[6489, 2385]	13778	[7393, 11141]
3393	[5819, 5820]	6855	[9706, 4250]	10317	[569, 12211]	13779	[11661, 2915]
3394	[5821, 5822]	6856	[9707, 3573]	10318	[12212, 7109]	13780	[2648, 6883]
3395	[5823, 5824]	6857	[9708, 9709]	10319	[12213, 11369]	13781	[11637, 13621]
3396	[5825, 1936]	6858	[5516, 9710]	10320	[11334, 2551]	13782	[5784, 5875]
3397	[5826, 5827]	6859	[5048, 4811]	10321	[11615, 11552]	13783	[12343, 13823]
3398	[5828, 5829]	6860	[9711, 9712]	10322	[12214, 7329]	13784	[2610, 1986]
3399	[5830, 5831]	6861	[1546, 9713]	10323	[5804, 12117]	13785	[11728, 698]
3400	[5832, 2955]	6862	[9714, 9715]	10324	[7994, 7646]	13786	[13556, 8049]
3401	[5833, 5834]	6863	[9716, 9717]	10325	[3049, 2472]	13787	[12183, 13505]
3402	[5835, 5836]	6864	[8622, 9718]	10326	[11359, 11638]	13788	[13473, 817]
3403	[5837, 5838]	6865	[9719, 9720]	10327	[12215, 12216]	13789	[13524, 6859]
3404	[775, 5839]	6866	[9721, 9722]	10328	[12086, 11686]	13790	[11215, 5782]
3405	[5840, 947]	6867	[8333, 9526]	10329	[12217, 2371]	13791	[12373, 2868]
3406	[681, 5841]	6868	[9723, 9724]	10330	[2755, 11358]	13792	[2128, 6844]
3407	[5842, 5843]	6869	[9725, 9579]	10331	[2977, 6780]	13793	[7061, 11710]
3408	[2463, 5844]	6870	[9031, 9630]	10332	[511, 11798]	13794	[7514, 12355]
3409	[872, 5845]	6871	[9726, 3461]	10333	[7405, 3126]	13795	[2815, 2060]
3410	[2021, 5846]	6872	[9727, 9728]	10334	[7589, 12130]	13796	[7569, 2399]
3411	[5847, 1920]	6873	[9729, 9730]	10335	[7080, 12218]	13797	[11, 6499]
3412	[5848, 5849]	6874	[8284, 9731]	10336	[657, 11274]	13798	[11811, 11399]
3413	[5850, 2839]	6875	[9732, 9733]	10337	[12196, 12219]	13799	[11862, 11931]

3414	[181, 2140]	6876	[9451, 4082]	10338	[2798, 12220]	13800	[11935, 7231]
3415	[5851, 5852]	6877	[4194, 9734]	10339	[12221, 7255]	13801	[13831, 11534]
3416	[5853, 2829]	6878	[278, 9735]	10340	[12222, 12223]	13802	[5941, 7494]
3417	[2144, 5854]	6879	[9736, 9737]	10341	[12142, 193]	13803	[2810, 790]
3418	[5855, 5856]	6880	[5134, 9462]	10342	[5796, 11770]	13804	[2371, 6626]
3419	[2052, 5857]	6881	[8395, 73]	10343	[6541, 7899]	13805	[6276, 6706]
3420	[5858, 5859]	6882	[280, 5055]	10344	[687, 6665]	13806	[11330, 7844]
3421	[5860, 5861]	6883	[5687, 9738]	10345	[8138, 2975]	13807	[2786, 6445]
3422	[5862, 5863]	6884	[9739, 9740]	10346	[6756, 12046]	13808	[13832, 5905]
3423	[5864, 5865]	6885	[9648, 9741]	10347	[11788, 2023]	13809	[6780, 12086]
3424	[2515, 5866]	6886	[9742, 5522]	10348	[5815, 11763]	13810	[13833, 12161]
3425	[5867, 5868]	6887	[9743, 9744]	10349	[11209, 7624]	13811	[12213, 2668]
3426	[5869, 5870]	6888	[9745, 9746]	10350	[12224, 11965]	13812	[13834, 13597]
3427	[201, 5871]	6889	[9715, 1053]	10351	[5798, 2393]	13813	[13519, 3240]
3428	[5872, 2201]	6890	[9747, 9748]	10352	[6953, 884]	13814	[13835, 5611]
3429	[5836, 5873]	6891	[5344, 1641]	10353	[11153, 6744]	13815	[13836, 10987]
3430	[933, 2430]	6892	[9749, 9750]	10354	[540, 6030]	13816	[13743, 10458]
3431	[5874, 5875]	6893	[9751, 1144]	10355	[7542, 2436]	13817	[4722, 13837]
3432	[3219, 5876]	6894	[9752, 9753]	10356	[12225, 6996]	13818	[10881, 13754]
3433	[2933, 143]	6895	[4604, 9754]	10357	[12226, 6689]	13819	[10115, 13838]
3434	[5877, 5878]	6896	[4947, 5641]	10358	[2536, 7531]	13820	[13839, 13357]
3435	[5879, 579]	6897	[9755, 9756]	10359	[12227, 11523]	13821	[10870, 13431]
3436	[5880, 5881]	6898	[9757, 9758]	10360	[12228, 11999]	13822	[4692, 13840]
3437	[5882, 3297]	6899	[8884, 9759]	10361	[11226, 2522]	13823	[9145, 4619]
3438	[5883, 5884]	6900	[9760, 9761]	10362	[2717, 168]	13824	[10670, 13841]
3439	[177, 5885]	6901	[9762, 9763]	10363	[2928, 12090]	13825	[13393, 9611]
3440	[2481, 5886]	6902	[9764, 4518]	10364	[12032, 7280]	13826	[12486, 9671]
3441	[5887, 2237]	6903	[9765, 9766]	10365	[3075, 11122]	13827	[13842, 1209]
3442	[2199, 5888]	6904	[9767, 9768]	10366	[12229, 11494]	13828	[13420, 1822]
3443	[589, 682]	6905	[9769, 9699]	10367	[6212, 12230]	13829	[12872, 13843]
3444	[5871, 5889]	6906	[5483, 1019]	10368	[11809, 6649]	13830	[13383, 13836]
3445	[3146, 5890]	6907	[9770, 261]	10369	[7698, 11791]	13831	[9558, 13844]
3446	[5891, 5892]	6908	[9771, 9772]	10370	[11967, 6871]	13832	[10290, 12858]
3447	[3172, 3166]	6909	[9773, 9000]	10371	[7505, 7454]	13833	[10655, 79]
3448	[3174, 5893]	6910	[9774, 9775]	10372	[11692, 2790]	13834	[5532, 1387]
3449	[3218, 5894]	6911	[9776, 1523]	10373	[7200, 674]	13835	[31, 2643]
3450	[5895, 5896]	6912	[9777, 9778]	10374	[12231, 2162]	13836	[11732, 2910]
3451	[2687, 5897]	6913	[9779, 9780]	10375	[191, 6593]	13837	[11915, 7493]
3452	[5898, 5899]	6914	[4851, 9781]	10376	[1873, 12232]	13838	[13815, 6548]
3453	[5900, 5901]	6915	[3521, 9782]	10377	[6738, 7150]	13839	[2743, 7709]
3454	[5902, 5903]	6916	[4625, 9783]	10378	[7420, 12233]	13840	[13599, 5754]
3455	[5904, 5905]	6917	[9784, 9785]	10379	[610, 11214]	13841	[12361, 8116]
3456	[5906, 1942]	6918	[8562, 9786]	10380	[11604, 12234]	13842	[7158, 2281]
3457	[5737, 5907]	6919	[9787, 3384]	10381	[7342, 7868]	13843	[736, 13550]

3458	[5908, 5909]	6920	[9788, 9789]	10382	[7024, 12235]	13844	[13609, 11146]
3459	[5910, 5911]	6921	[9790, 9791]	10383	[2592, 7662]		
3460	[2550, 5912]	6922	[5505, 9792]	10384	[6571, 3105]		
3461	[5913, 5914]	6923	[9793, 9794]	10385	[12140, 11526]		

Output function $n \mapsto \tau(n)$:

n	$\tau(n)$	n	$\tau(n)$	n	$\tau(n)$	n	$\tau(n)$	n	$\tau(n)$	n	$\tau(n)$
0	0	2308	0	4616	1	6924	0	9232	1	11540	0
1	0	2309	0	4617	1	6925	1	9233	1	11541	0
2	0	2310	1	4618	1	6926	0	9234	1	11542	0
3	0	2311	1	4619	1	6927	1	9235	1	11543	1
4	1	2312	1	4620	0	6928	0	9236	0	11544	1
5	0	2313	1	4621	0	6929	1	9237	1	11545	1
6	1	2314	0	4622	0	6930	1	9238	1	11546	1
7	0	2315	0	4623	1	6931	0	9239	1	11547	1
8	0	2316	0	4624	0	6932	1	9240	0	11548	1
9	1	2317	1	4625	0	6933	0	9241	0	11549	0
10	0	2318	1	4626	0	6934	1	9242	1	11550	1
11	0	2319	0	4627	1	6935	0	9243	1	11551	0
12	1	2320	0	4628	1	6936	1	9244	0	11552	0
13	1	2321	0	4629	1	6937	0	9245	0	11553	0
14	1	2322	1	4630	0	6938	1	9246	0	11554	0
15	0	2323	1	4631	0	6939	1	9247	0	11555	0
16	0	2324	1	4632	0	6940	0	9248	0	11556	0
17	0	2325	1	4633	1	6941	1	9249	0	11557	0
18	1	2326	1	4634	1	6942	1	9250	0	11558	1
19	1	2327	1	4635	1	6943	1	9251	0	11559	1
20	1	2328	1	4636	0	6944	1	9252	1	11560	0
21	0	2329	1	4637	1	6945	0	9253	0	11561	1
22	0	2330	0	4638	1	6946	1	9254	1	11562	1
23	0	2331	0	4639	0	6947	0	9255	1	11563	0
24	1	2332	1	4640	0	6948	0	9256	1	11564	1
25	1	2333	1	4641	1	6949	0	9257	0	11565	1
26	1	2334	0	4642	1	6950	0	9258	0	11566	0
27	1	2335	0	4643	1	6951	1	9259	0	11567	1
28	0	2336	0	4644	1	6952	1	9260	1	11568	1
29	1	2337	0	4645	0	6953	1	9261	1	11569	1
30	1	2338	1	4646	0	6954	1	9262	1	11570	0
31	0	2339	1	4647	0	6955	1	9263	0	11571	0
32	0	2340	1	4648	1	6956	0	9264	0	11572	1
33	0	2341	1	4649	1	6957	0	9265	0	11573	0
34	0	2342	0	4650	0	6958	0	9266	0	11574	0
35	0	2343	0	4651	0	6959	1	9267	1	11575	1
36	1	2344	1	4652	1	6960	1	9268	0	11576	0

37	1	2345	1	4653	1	6961	0	9269	0	11577	1
38	0	2346	0	4654	1	6962	1	9270	1	11578	0
39	1	2347	0	4655	0	6963	0	9271	0	11579	0
40	0	2348	1	4656	1	6964	0	9272	1	11580	1
41	1	2349	1	4657	0	6965	1	9273	0	11581	0
42	0	2350	0	4658	1	6966	0	9274	1	11582	1
43	0	2351	1	4659	1	6967	1	9275	0	11583	1
44	0	2352	1	4660	1	6968	0	9276	1	11584	1
45	0	2353	1	4661	1	6969	1	9277	0	11585	0
46	0	2354	1	4662	0	6970	1	9278	0	11586	0
47	0	2355	1	4663	0	6971	1	9279	0	11587	1
48	1	2356	1	4664	1	6972	0	9280	0	11588	0
49	1	2357	0	4665	0	6973	0	9281	1	11589	0
50	1	2358	1	4666	0	6974	0	9282	1	11590	1
51	1	2359	0	4667	1	6975	1	9283	1	11591	0
52	1	2360	1	4668	0	6976	0	9284	0	11592	1
53	1	2361	0	4669	0	6977	1	9285	0	11593	1
54	1	2362	1	4670	1	6978	1	9286	0	11594	0
55	1	2363	1	4671	0	6979	0	9287	0	11595	0
56	0	2364	0	4672	0	6980	0	9288	1	11596	1
57	0	2365	0	4673	1	6981	0	9289	1	11597	0
58	0	2366	0	4674	0	6982	0	9290	0	11598	1
59	1	2367	1	4675	0	6983	1	9291	0	11599	1
60	0	2368	1	4676	0	6984	0	9292	1	11600	1
61	1	2369	0	4677	1	6985	1	9293	0	11601	0
62	0	2370	0	4678	1	6986	1	9294	1	11602	1
63	0	2371	0	4679	1	6987	1	9295	1	11603	1
64	1	2372	1	4680	0	6988	1	9296	0	11604	0
65	0	2373	0	4681	0	6989	0	9297	0	11605	1
66	1	2374	0	4682	0	6990	1	9298	0	11606	1
67	0	2375	1	4683	0	6991	1	9299	1	11607	1
68	1	2376	1	4684	0	6992	1	9300	1	11608	0
69	0	2377	0	4685	0	6993	1	9301	1	11609	0
70	0	2378	1	4686	1	6994	1	9302	0	11610	0
71	0	2379	0	4687	1	6995	0	9303	0	11611	0
72	1	2380	0	4688	1	6996	1	9304	1	11612	1
73	1	2381	1	4689	0	6997	0	9305	0	11613	1
74	0	2382	1	4690	1	6998	1	9306	0	11614	0
75	1	2383	0	4691	0	6999	1	9307	1	11615	1
76	1	2384	1	4692	0	7000	1	9308	1	11616	1
77	0	2385	1	4693	1	7001	0	9309	1	11617	0
78	0	2386	1	4694	0	7002	1	9310	0	11618	1
79	1	2387	0	4695	0	7003	1	9311	1	11619	0
80	0	2388	1	4696	0	7004	1	9312	0	11620	1

81	0	2389	1	4697	1	7005	0	9313	0	11621	0
82	1	2390	0	4698	1	7006	1	9314	1	11622	1
83	1	2391	0	4699	0	7007	1	9315	1	11623	0
84	0	2392	1	4700	1	7008	0	9316	0	11624	0
85	0	2393	0	4701	0	7009	1	9317	0	11625	0
86	0	2394	1	4702	0	7010	0	9318	0	11626	0
87	0	2395	1	4703	1	7011	1	9319	0	11627	1
88	0	2396	1	4704	0	7012	1	9320	1	11628	0
89	0	2397	1	4705	1	7013	0	9321	1	11629	1
90	1	2398	0	4706	0	7014	1	9322	1	11630	1
91	0	2399	0	4707	1	7015	0	9323	1	11631	0
92	1	2400	0	4708	0	7016	1	9324	1	11632	0
93	0	2401	1	4709	0	7017	1	9325	0	11633	0
94	0	2402	0	4710	1	7018	1	9326	1	11634	0
95	0	2403	0	4711	0	7019	0	9327	1	11635	1
96	0	2404	0	4712	1	7020	1	9328	1	11636	0
97	1	2405	0	4713	0	7021	1	9329	1	11637	0
98	1	2406	0	4714	0	7022	0	9330	1	11638	0
99	1	2407	1	4715	1	7023	1	9331	1	11639	1
100	1	2408	0	4716	0	7024	1	9332	0	11640	1
101	1	2409	1	4717	0	7025	0	9333	1	11641	1
102	0	2410	1	4718	1	7026	0	9334	0	11642	0
103	1	2411	0	4719	0	7027	0	9335	0	11643	0
104	1	2412	0	4720	0	7028	1	9336	0	11644	1
105	1	2413	1	4721	0	7029	0	9337	1	11645	0
106	0	2414	1	4722	0	7030	1	9338	0	11646	0
107	1	2415	1	4723	0	7031	1	9339	0	11647	0
108	1	2416	1	4724	0	7032	1	9340	1	11648	1
109	1	2417	0	4725	1	7033	0	9341	1	11649	1
110	1	2418	0	4726	1	7034	1	9342	0	11650	0
111	1	2419	0	4727	0	7035	1	9343	0	11651	0
112	1	2420	1	4728	0	7036	1	9344	1	11652	1
113	0	2421	0	4729	1	7037	1	9345	1	11653	0
114	1	2422	0	4730	0	7038	1	9346	0	11654	0
115	0	2423	0	4731	0	7039	0	9347	1	11655	0
116	0	2424	0	4732	1	7040	0	9348	0	11656	1
117	0	2425	1	4733	1	7041	1	9349	0	11657	1
118	0	2426	0	4734	0	7042	1	9350	1	11658	1
119	1	2427	0	4735	1	7043	0	9351	0	11659	1
120	1	2428	1	4736	0	7044	0	9352	0	11660	0
121	0	2429	0	4737	0	7045	0	9353	1	11661	0
122	1	2430	0	4738	1	7046	0	9354	1	11662	0
123	1	2431	1	4739	0	7047	0	9355	0	11663	0
124	1	2432	0	4740	0	7048	0	9356	1	11664	0

125	0	2433	1	4741	1	7049	0	9357	1	11665	1
126	0	2434	0	4742	0	7050	0	9358	0	11666	1
127	0	2435	0	4743	1	7051	0	9359	1	11667	1
128	0	2436	0	4744	0	7052	1	9360	0	11668	1
129	1	2437	0	4745	1	7053	0	9361	1	11669	0
130	0	2438	1	4746	0	7054	1	9362	0	11670	0
131	0	2439	1	4747	1	7055	1	9363	1	11671	0
132	1	2440	1	4748	0	7056	1	9364	1	11672	1
133	1	2441	0	4749	0	7057	1	9365	0	11673	0
134	1	2442	0	4750	1	7058	1	9366	1	11674	0
135	0	2443	0	4751	0	7059	0	9367	0	11675	1
136	0	2444	1	4752	1	7060	1	9368	1	11676	0
137	1	2445	1	4753	0	7061	1	9369	1	11677	0
138	0	2446	1	4754	0	7062	1	9370	0	11678	1
139	0	2447	0	4755	0	7063	1	9371	1	11679	1
140	0	2448	1	4756	1	7064	1	9372	1	11680	1
141	0	2449	0	4757	0	7065	0	9373	1	11681	1
142	1	2450	0	4758	0	7066	1	9374	0	11682	0
143	0	2451	0	4759	0	7067	0	9375	0	11683	0
144	0	2452	1	4760	0	7068	1	9376	0	11684	0
145	1	2453	1	4761	1	7069	0	9377	0	11685	1
146	0	2454	0	4762	1	7070	0	9378	1	11686	1
147	1	2455	1	4763	0	7071	0	9379	1	11687	0
148	0	2456	1	4764	0	7072	1	9380	1	11688	1
149	0	2457	1	4765	0	7073	0	9381	1	11689	1
150	0	2458	1	4766	0	7074	1	9382	1	11690	1
151	1	2459	1	4767	1	7075	0	9383	0	11691	1
152	0	2460	0	4768	1	7076	1	9384	1	11692	1
153	1	2461	0	4769	1	7077	0	9385	0	11693	0
154	0	2462	1	4770	1	7078	0	9386	1	11694	0
155	0	2463	0	4771	0	7079	1	9387	0	11695	1
156	1	2464	1	4772	1	7080	0	9388	1	11696	1
157	0	2465	0	4773	0	7081	1	9389	1	11697	0
158	1	2466	0	4774	1	7082	0	9390	1	11698	1
159	1	2467	1	4775	1	7083	0	9391	1	11699	0
160	0	2468	1	4776	1	7084	0	9392	1	11700	0
161	0	2469	0	4777	0	7085	0	9393	1	11701	0
162	0	2470	0	4778	1	7086	0	9394	0	11702	0
163	0	2471	1	4779	1	7087	1	9395	1	11703	0
164	1	2472	0	4780	0	7088	0	9396	0	11704	0
165	1	2473	0	4781	1	7089	1	9397	1	11705	0
166	0	2474	1	4782	0	7090	1	9398	0	11706	1
167	1	2475	1	4783	0	7091	0	9399	0	11707	0
168	1	2476	1	4784	0	7092	0	9400	0	11708	1

169	0	2477	1	4785	1	7093	1	9401	1	11709	0
170	0	2478	1	4786	1	7094	0	9402	0	11710	1
171	0	2479	1	4787	1	7095	1	9403	1	11711	0
172	1	2480	0	4788	0	7096	1	9404	0	11712	0
173	0	2481	1	4789	1	7097	0	9405	0	11713	0
174	0	2482	1	4790	1	7098	1	9406	0	11714	1
175	0	2483	0	4791	1	7099	0	9407	0	11715	1
176	0	2484	1	4792	0	7100	1	9408	0	11716	1
177	0	2485	1	4793	1	7101	1	9409	1	11717	0
178	0	2486	1	4794	0	7102	0	9410	0	11718	0
179	0	2487	0	4795	0	7103	0	9411	0	11719	1
180	1	2488	1	4796	1	7104	0	9412	1	11720	1
181	1	2489	0	4797	1	7105	1	9413	0	11721	0
182	1	2490	1	4798	1	7106	0	9414	0	11722	0
183	0	2491	0	4799	1	7107	1	9415	1	11723	1
184	0	2492	0	4800	1	7108	1	9416	0	11724	0
185	1	2493	0	4801	1	7109	1	9417	1	11725	1
186	1	2494	0	4802	0	7110	0	9418	1	11726	1
187	0	2495	0	4803	1	7111	0	9419	1	11727	0
188	0	2496	0	4804	0	7112	1	9420	0	11728	1
189	0	2497	1	4805	1	7113	1	9421	1	11729	1
190	1	2498	1	4806	1	7114	1	9422	0	11730	0
191	0	2499	1	4807	0	7115	1	9423	1	11731	1
192	0	2500	0	4808	0	7116	1	9424	0	11732	0
193	0	2501	1	4809	1	7117	0	9425	1	11733	0
194	0	2502	1	4810	1	7118	0	9426	1	11734	0
195	1	2503	0	4811	1	7119	0	9427	1	11735	1
196	0	2504	0	4812	0	7120	0	9428	1	11736	0
197	1	2505	0	4813	0	7121	0	9429	1	11737	1
198	1	2506	0	4814	0	7122	0	9430	0	11738	0
199	1	2507	1	4815	1	7123	0	9431	1	11739	1
200	1	2508	1	4816	0	7124	1	9432	0	11740	1
201	0	2509	0	4817	1	7125	1	9433	0	11741	1
202	1	2510	0	4818	0	7126	0	9434	0	11742	1
203	1	2511	1	4819	0	7127	0	9435	0	11743	1
204	0	2512	0	4820	0	7128	1	9436	1	11744	1
205	0	2513	0	4821	1	7129	1	9437	1	11745	1
206	1	2514	1	4822	1	7130	1	9438	1	11746	0
207	1	2515	1	4823	1	7131	1	9439	0	11747	1
208	1	2516	1	4824	0	7132	0	9440	0	11748	0
209	1	2517	0	4825	1	7133	1	9441	0	11749	0
210	1	2518	0	4826	0	7134	0	9442	0	11750	0
211	0	2519	0	4827	0	7135	0	9443	1	11751	1
212	0	2520	1	4828	1	7136	0	9444	1	11752	0

213	1	2521	0	4829	0	7137	1	9445	0	11753	0
214	1	2522	0	4830	0	7138	1	9446	1	11754	0
215	0	2523	1	4831	0	7139	1	9447	1	11755	1
216	1	2524	0	4832	1	7140	1	9448	1	11756	1
217	1	2525	1	4833	0	7141	0	9449	1	11757	0
218	1	2526	1	4834	0	7142	1	9450	1	11758	1
219	1	2527	0	4835	0	7143	1	9451	0	11759	1
220	1	2528	0	4836	0	7144	0	9452	1	11760	1
221	0	2529	1	4837	1	7145	1	9453	0	11761	1
222	1	2530	1	4838	0	7146	1	9454	0	11762	0
223	0	2531	1	4839	1	7147	1	9455	0	11763	0
224	1	2532	0	4840	1	7148	1	9456	1	11764	1
225	0	2533	0	4841	1	7149	1	9457	1	11765	1
226	0	2534	1	4842	0	7150	0	9458	1	11766	0
227	1	2535	0	4843	1	7151	0	9459	0	11767	1
228	1	2536	0	4844	1	7152	0	9460	0	11768	0
229	1	2537	0	4845	0	7153	1	9461	0	11769	1
230	0	2538	1	4846	1	7154	0	9462	0	11770	1
231	0	2539	1	4847	0	7155	1	9463	1	11771	0
232	0	2540	1	4848	1	7156	1	9464	1	11772	0
233	0	2541	1	4849	0	7157	0	9465	0	11773	0
234	0	2542	1	4850	1	7158	0	9466	1	11774	1
235	0	2543	0	4851	1	7159	0	9467	1	11775	0
236	0	2544	0	4852	0	7160	0	9468	1	11776	1
237	0	2545	0	4853	0	7161	1	9469	1	11777	0
238	1	2546	1	4854	0	7162	0	9470	1	11778	1
239	0	2547	1	4855	0	7163	0	9471	0	11779	1
240	1	2548	0	4856	0	7164	0	9472	1	11780	1
241	0	2549	0	4857	0	7165	1	9473	0	11781	0
242	0	2550	0	4858	1	7166	0	9474	0	11782	0
243	1	2551	0	4859	0	7167	1	9475	1	11783	1
244	0	2552	1	4860	1	7168	0	9476	1	11784	1
245	1	2553	1	4861	0	7169	0	9477	1	11785	0
246	0	2554	0	4862	0	7170	1	9478	0	11786	0
247	1	2555	1	4863	1	7171	1	9479	1	11787	0
248	0	2556	1	4864	1	7172	0	9480	1	11788	0
249	0	2557	1	4865	1	7173	0	9481	1	11789	1
250	0	2558	1	4866	0	7174	0	9482	0	11790	1
251	0	2559	0	4867	1	7175	1	9483	1	11791	1
252	0	2560	1	4868	1	7176	1	9484	1	11792	1
253	0	2561	1	4869	1	7177	1	9485	0	11793	1
254	0	2562	0	4870	0	7178	1	9486	0	11794	1
255	0	2563	1	4871	1	7179	0	9487	1	11795	0
256	1	2564	0	4872	1	7180	0	9488	0	11796	0

257	1	2565	1	4873	1	7181	1	9489	1	11797	0
258	1	2566	0	4874	1	7182	1	9490	1	11798	0
259	0	2567	1	4875	0	7183	1	9491	1	11799	0
260	0	2568	1	4876	0	7184	1	9492	0	11800	1
261	0	2569	1	4877	1	7185	0	9493	1	11801	0
262	1	2570	1	4878	1	7186	0	9494	0	11802	0
263	1	2571	1	4879	0	7187	0	9495	1	11803	0
264	1	2572	0	4880	1	7188	0	9496	1	11804	0
265	1	2573	1	4881	1	7189	1	9497	0	11805	1
266	0	2574	0	4882	0	7190	0	9498	0	11806	0
267	1	2575	0	4883	1	7191	1	9499	0	11807	0
268	1	2576	0	4884	1	7192	1	9500	1	11808	1
269	0	2577	0	4885	0	7193	1	9501	1	11809	0
270	1	2578	1	4886	0	7194	0	9502	0	11810	1
271	0	2579	0	4887	1	7195	1	9503	1	11811	1
272	0	2580	0	4888	1	7196	0	9504	0	11812	0
273	1	2581	1	4889	1	7197	0	9505	1	11813	0
274	0	2582	0	4890	0	7198	1	9506	1	11814	0
275	0	2583	1	4891	1	7199	0	9507	0	11815	0
276	0	2584	1	4892	1	7200	0	9508	1	11816	0
277	0	2585	1	4893	0	7201	0	9509	1	11817	0
278	0	2586	1	4894	1	7202	1	9510	1	11818	1
279	0	2587	1	4895	0	7203	1	9511	1	11819	1
280	1	2588	1	4896	0	7204	1	9512	0	11820	1
281	0	2589	0	4897	1	7205	1	9513	0	11821	1
282	1	2590	1	4898	1	7206	1	9514	1	11822	1
283	1	2591	0	4899	0	7207	1	9515	1	11823	0
284	0	2592	1	4900	1	7208	1	9516	1	11824	1
285	0	2593	0	4901	0	7209	0	9517	1	11825	1
286	0	2594	1	4902	1	7210	0	9518	1	11826	1
287	0	2595	1	4903	0	7211	1	9519	0	11827	0
288	1	2596	0	4904	1	7212	1	9520	0	11828	0
289	1	2597	0	4905	1	7213	0	9521	1	11829	1
290	0	2598	1	4906	0	7214	1	9522	0	11830	1
291	0	2599	0	4907	0	7215	0	9523	0	11831	0
292	1	2600	0	4908	0	7216	1	9524	1	11832	1
293	1	2601	0	4909	1	7217	0	9525	0	11833	1
294	0	2602	0	4910	0	7218	1	9526	1	11834	0
295	0	2603	0	4911	0	7219	0	9527	1	11835	0
296	0	2604	0	4912	0	7220	1	9528	1	11836	0
297	0	2605	0	4913	1	7221	0	9529	1	11837	1
298	0	2606	1	4914	1	7222	1	9530	0	11838	0
299	0	2607	1	4915	0	7223	0	9531	0	11839	0
300	1	2608	0	4916	0	7224	1	9532	1	11840	1

301	1	2609	0	4917	0	7225	0	9533	0	11841	0
302	0	2610	0	4918	1	7226	1	9534	1	11842	0
303	0	2611	0	4919	1	7227	0	9535	0	11843	0
304	0	2612	0	4920	0	7228	0	9536	1	11844	1
305	1	2613	1	4921	1	7229	0	9537	1	11845	0
306	1	2614	1	4922	1	7230	0	9538	1	11846	0
307	0	2615	0	4923	0	7231	0	9539	0	11847	0
308	0	2616	1	4924	0	7232	1	9540	0	11848	0
309	0	2617	0	4925	1	7233	1	9541	1	11849	0
310	1	2618	0	4926	1	7234	0	9542	0	11850	1
311	1	2619	1	4927	0	7235	1	9543	1	11851	1
312	1	2620	1	4928	1	7236	1	9544	1	11852	1
313	0	2621	1	4929	0	7237	0	9545	0	11853	1
314	1	2622	0	4930	0	7238	0	9546	0	11854	0
315	1	2623	0	4931	0	7239	1	9547	0	11855	0
316	1	2624	1	4932	0	7240	0	9548	0	11856	0
317	1	2625	1	4933	0	7241	0	9549	1	11857	1
318	0	2626	1	4934	0	7242	0	9550	0	11858	0
319	0	2627	0	4935	1	7243	1	9551	0	11859	0
320	1	2628	0	4936	0	7244	0	9552	0	11860	1
321	0	2629	1	4937	1	7245	1	9553	1	11861	1
322	1	2630	0	4938	0	7246	0	9554	0	11862	0
323	0	2631	0	4939	1	7247	1	9555	0	11863	1
324	1	2632	0	4940	1	7248	1	9556	0	11864	0
325	0	2633	1	4941	0	7249	0	9557	0	11865	1
326	0	2634	0	4942	0	7250	0	9558	1	11866	0
327	1	2635	1	4943	0	7251	1	9559	1	11867	1
328	0	2636	0	4944	0	7252	1	9560	1	11868	1
329	1	2637	1	4945	0	7253	0	9561	1	11869	0
330	0	2638	1	4946	0	7254	1	9562	0	11870	0
331	0	2639	1	4947	0	7255	1	9563	0	11871	1
332	1	2640	1	4948	1	7256	1	9564	1	11872	1
333	1	2641	0	4949	1	7257	1	9565	1	11873	1
334	1	2642	0	4950	0	7258	0	9566	0	11874	1
335	1	2643	1	4951	0	7259	1	9567	1	11875	1
336	0	2644	0	4952	1	7260	0	9568	1	11876	1
337	0	2645	0	4953	1	7261	0	9569	1	11877	0
338	0	2646	1	4954	1	7262	1	9570	0	11878	1
339	0	2647	0	4955	0	7263	1	9571	0	11879	0
340	1	2648	1	4956	1	7264	1	9572	1	11880	0
341	0	2649	1	4957	0	7265	0	9573	0	11881	0
342	0	2650	0	4958	1	7266	0	9574	1	11882	1
343	1	2651	0	4959	0	7267	1	9575	0	11883	0
344	1	2652	0	4960	0	7268	1	9576	1	11884	0

345	0	2653	1	4961	0	7269	1	9577	1	11885	0
346	0	2654	1	4962	1	7270	1	9578	1	11886	1
347	0	2655	0	4963	1	7271	0	9579	0	11887	1
348	0	2656	0	4964	0	7272	1	9580	0	11888	1
349	0	2657	0	4965	1	7273	1	9581	1	11889	0
350	1	2658	0	4966	0	7274	1	9582	0	11890	0
351	0	2659	0	4967	1	7275	1	9583	0	11891	0
352	0	2660	0	4968	1	7276	0	9584	0	11892	0
353	0	2661	1	4969	0	7277	1	9585	1	11893	1
354	1	2662	0	4970	1	7278	1	9586	0	11894	1
355	0	2663	1	4971	0	7279	0	9587	0	11895	0
356	1	2664	0	4972	1	7280	1	9588	1	11896	1
357	0	2665	0	4973	0	7281	1	9589	1	11897	1
358	0	2666	0	4974	1	7282	1	9590	1	11898	0
359	1	2667	0	4975	0	7283	0	9591	1	11899	0
360	0	2668	1	4976	1	7284	0	9592	0	11900	1
361	1	2669	1	4977	0	7285	0	9593	1	11901	1
362	0	2670	0	4978	0	7286	0	9594	1	11902	1
363	1	2671	0	4979	1	7287	1	9595	0	11903	1
364	0	2672	0	4980	0	7288	0	9596	0	11904	1
365	0	2673	1	4981	0	7289	1	9597	1	11905	1
366	0	2674	0	4982	0	7290	0	9598	1	11906	1
367	0	2675	0	4983	1	7291	1	9599	0	11907	0
368	0	2676	0	4984	1	7292	0	9600	1	11908	0
369	1	2677	0	4985	0	7293	1	9601	1	11909	0
370	1	2678	1	4986	0	7294	0	9602	0	11910	1
371	1	2679	1	4987	1	7295	1	9603	1	11911	0
372	0	2680	1	4988	0	7296	0	9604	1	11912	1
373	0	2681	0	4989	1	7297	1	9605	0	11913	1
374	0	2682	1	4990	0	7298	1	9606	1	11914	0
375	0	2683	0	4991	0	7299	1	9607	1	11915	0
376	0	2684	1	4992	1	7300	0	9608	0	11916	0
377	0	2685	0	4993	0	7301	0	9609	0	11917	0
378	1	2686	0	4994	1	7302	0	9610	1	11918	1
379	0	2687	1	4995	0	7303	1	9611	1	11919	0
380	0	2688	0	4996	0	7304	0	9612	0	11920	0
381	0	2689	1	4997	1	7305	1	9613	1	11921	1
382	0	2690	1	4998	0	7306	1	9614	1	11922	1
383	0	2691	1	4999	1	7307	1	9615	1	11923	1
384	0	2692	0	5000	1	7308	1	9616	0	11924	0
385	0	2693	0	5001	1	7309	0	9617	1	11925	1
386	0	2694	1	5002	0	7310	1	9618	0	11926	1
387	0	2695	0	5003	0	7311	1	9619	0	11927	0
388	1	2696	0	5004	1	7312	0	9620	0	11928	1

389	1	2697	0	5005	1	7313	1	9621	1	11929	1
390	0	2698	0	5006	0	7314	0	9622	1	11930	1
391	1	2699	0	5007	0	7315	0	9623	1	11931	0
392	1	2700	0	5008	1	7316	1	9624	0	11932	0
393	1	2701	1	5009	0	7317	1	9625	0	11933	0
394	1	2702	0	5010	1	7318	1	9626	1	11934	0
395	0	2703	0	5011	1	7319	0	9627	0	11935	1
396	1	2704	1	5012	0	7320	0	9628	1	11936	0
397	1	2705	0	5013	1	7321	0	9629	1	11937	0
398	1	2706	0	5014	1	7322	0	9630	1	11938	0
399	1	2707	0	5015	0	7323	1	9631	1	11939	0
400	0	2708	1	5016	0	7324	1	9632	0	11940	0
401	0	2709	1	5017	1	7325	1	9633	1	11941	0
402	1	2710	1	5018	1	7326	0	9634	0	11942	0
403	1	2711	1	5019	1	7327	1	9635	1	11943	1
404	1	2712	1	5020	0	7328	0	9636	0	11944	1
405	0	2713	0	5021	1	7329	0	9637	0	11945	0
406	0	2714	1	5022	0	7330	0	9638	0	11946	0
407	0	2715	0	5023	1	7331	1	9639	0	11947	0
408	0	2716	1	5024	1	7332	0	9640	0	11948	0
409	1	2717	0	5025	1	7333	0	9641	1	11949	1
410	1	2718	1	5026	0	7334	1	9642	1	11950	0
411	0	2719	0	5027	1	7335	0	9643	0	11951	1
412	1	2720	1	5028	1	7336	0	9644	0	11952	1
413	0	2721	1	5029	1	7337	0	9645	1	11953	0
414	1	2722	1	5030	0	7338	1	9646	0	11954	1
415	0	2723	1	5031	1	7339	0	9647	0	11955	0
416	1	2724	0	5032	0	7340	0	9648	1	11956	1
417	0	2725	1	5033	0	7341	1	9649	0	11957	1
418	1	2726	0	5034	1	7342	0	9650	1	11958	1
419	1	2727	1	5035	1	7343	0	9651	0	11959	1
420	0	2728	1	5036	1	7344	0	9652	1	11960	1
421	0	2729	1	5037	1	7345	0	9653	0	11961	1
422	0	2730	1	5038	0	7346	0	9654	0	11962	0
423	1	2731	1	5039	1	7347	0	9655	0	11963	0
424	1	2732	0	5040	1	7348	1	9656	0	11964	0
425	1	2733	0	5041	0	7349	1	9657	0	11965	1
426	1	2734	1	5042	0	7350	0	9658	1	11966	1
427	1	2735	1	5043	0	7351	0	9659	1	11967	0
428	0	2736	0	5044	0	7352	0	9660	0	11968	1
429	0	2737	1	5045	1	7353	0	9661	0	11969	1
430	1	2738	1	5046	1	7354	0	9662	0	11970	1
431	0	2739	0	5047	0	7355	1	9663	1	11971	0
432	1	2740	1	5048	0	7356	1	9664	0	11972	0

433	1	2741	1	5049	1	7357	0	9665	1	11973	0
434	1	2742	0	5050	1	7358	0	9666	0	11974	0
435	0	2743	0	5051	0	7359	0	9667	1	11975	1
436	1	2744	1	5052	0	7360	1	9668	1	11976	1
437	1	2745	0	5053	0	7361	1	9669	0	11977	0
438	1	2746	1	5054	1	7362	0	9670	0	11978	0
439	1	2747	1	5055	1	7363	0	9671	0	11979	1
440	0	2748	0	5056	1	7364	1	9672	1	11980	1
441	0	2749	0	5057	1	7365	1	9673	0	11981	1
442	1	2750	0	5058	0	7366	1	9674	1	11982	0
443	1	2751	1	5059	0	7367	1	9675	1	11983	1
444	0	2752	0	5060	0	7368	0	9676	1	11984	0
445	1	2753	1	5061	0	7369	1	9677	1	11985	0
446	1	2754	1	5062	0	7370	0	9678	0	11986	1
447	1	2755	1	5063	0	7371	0	9679	0	11987	0
448	0	2756	1	5064	0	7372	1	9680	1	11988	1
449	1	2757	0	5065	0	7373	0	9681	1	11989	1
450	0	2758	0	5066	0	7374	0	9682	0	11990	1
451	0	2759	0	5067	0	7375	1	9683	0	11991	0
452	1	2760	0	5068	0	7376	1	9684	1	11992	1
453	1	2761	0	5069	0	7377	1	9685	0	11993	0
454	1	2762	1	5070	1	7378	0	9686	0	11994	0
455	1	2763	0	5071	0	7379	0	9687	1	11995	0
456	1	2764	1	5072	1	7380	0	9688	0	11996	1
457	1	2765	1	5073	0	7381	0	9689	1	11997	1
458	0	2766	1	5074	1	7382	1	9690	1	11998	0
459	0	2767	1	5075	1	7383	1	9691	0	11999	1
460	0	2768	1	5076	1	7384	0	9692	0	12000	1
461	0	2769	1	5077	0	7385	0	9693	0	12001	0
462	0	2770	0	5078	0	7386	0	9694	0	12002	0
463	0	2771	1	5079	0	7387	0	9695	1	12003	0
464	1	2772	0	5080	0	7388	0	9696	0	12004	0
465	0	2773	1	5081	1	7389	1	9697	1	12005	1
466	0	2774	1	5082	1	7390	1	9698	0	12006	1
467	0	2775	1	5083	1	7391	1	9699	1	12007	0
468	0	2776	0	5084	0	7392	1	9700	0	12008	1
469	0	2777	1	5085	0	7393	0	9701	1	12009	0
470	0	2778	1	5086	0	7394	0	9702	0	12010	0
471	0	2779	0	5087	0	7395	1	9703	0	12011	1
472	1	2780	1	5088	0	7396	1	9704	1	12012	0
473	1	2781	1	5089	1	7397	1	9705	1	12013	0
474	0	2782	0	5090	1	7398	0	9706	0	12014	0
475	0	2783	1	5091	0	7399	1	9707	1	12015	1
476	0	2784	1	5092	1	7400	1	9708	1	12016	0

477	1	2785	0	5093	0	7401	1	9709	1	12017	0
478	0	2786	1	5094	1	7402	0	9710	1	12018	0
479	0	2787	1	5095	0	7403	1	9711	1	12019	0
480	1	2788	1	5096	0	7404	0	9712	0	12020	1
481	0	2789	0	5097	1	7405	0	9713	0	12021	1
482	0	2790	1	5098	0	7406	1	9714	0	12022	0
483	1	2791	1	5099	1	7407	0	9715	0	12023	0
484	0	2792	0	5100	1	7408	1	9716	0	12024	1
485	0	2793	1	5101	0	7409	1	9717	1	12025	0
486	1	2794	0	5102	0	7410	0	9718	0	12026	0
487	1	2795	0	5103	0	7411	1	9719	1	12027	0
488	0	2796	0	5104	1	7412	0	9720	1	12028	1
489	0	2797	1	5105	1	7413	0	9721	0	12029	0
490	1	2798	1	5106	0	7414	0	9722	0	12030	0
491	1	2799	1	5107	1	7415	0	9723	1	12031	0
492	0	2800	0	5108	0	7416	1	9724	1	12032	0
493	0	2801	1	5109	0	7417	1	9725	1	12033	1
494	1	2802	0	5110	1	7418	1	9726	1	12034	0
495	0	2803	1	5111	0	7419	1	9727	1	12035	0
496	0	2804	0	5112	1	7420	1	9728	0	12036	0
497	0	2805	0	5113	0	7421	1	9729	0	12037	0
498	1	2806	0	5114	0	7422	0	9730	1	12038	0
499	0	2807	1	5115	0	7423	0	9731	1	12039	1
500	1	2808	1	5116	1	7424	0	9732	0	12040	1
501	0	2809	1	5117	1	7425	1	9733	0	12041	0
502	1	2810	1	5118	0	7426	0	9734	1	12042	0
503	0	2811	0	5119	1	7427	1	9735	1	12043	1
504	0	2812	0	5120	1	7428	0	9736	1	12044	0
505	0	2813	0	5121	0	7429	1	9737	0	12045	0
506	0	2814	0	5122	1	7430	1	9738	0	12046	1
507	0	2815	0	5123	0	7431	1	9739	0	12047	1
508	0	2816	1	5124	1	7432	1	9740	0	12048	1
509	1	2817	1	5125	1	7433	0	9741	1	12049	1
510	1	2818	0	5126	0	7434	0	9742	0	12050	0
511	1	2819	1	5127	0	7435	1	9743	0	12051	1
512	1	2820	1	5128	1	7436	0	9744	1	12052	1
513	1	2821	0	5129	1	7437	0	9745	0	12053	0
514	1	2822	1	5130	1	7438	1	9746	1	12054	1
515	0	2823	1	5131	0	7439	1	9747	1	12055	1
516	0	2824	0	5132	1	7440	0	9748	1	12056	1
517	0	2825	1	5133	0	7441	1	9749	1	12057	0
518	0	2826	0	5134	1	7442	1	9750	0	12058	0
519	0	2827	0	5135	1	7443	1	9751	0	12059	0
520	0	2828	1	5136	1	7444	0	9752	0	12060	1

521	1	2829	0	5137	1	7445	1	9753	1	12061	0
522	0	2830	1	5138	1	7446	0	9754	0	12062	0
523	1	2831	1	5139	1	7447	0	9755	1	12063	1
524	1	2832	1	5140	1	7448	0	9756	1	12064	1
525	1	2833	0	5141	0	7449	1	9757	0	12065	0
526	1	2834	0	5142	1	7450	1	9758	1	12066	0
527	1	2835	1	5143	1	7451	0	9759	1	12067	1
528	1	2836	0	5144	1	7452	1	9760	1	12068	0
529	0	2837	0	5145	0	7453	1	9761	1	12069	1
530	0	2838	0	5146	1	7454	0	9762	0	12070	0
531	1	2839	0	5147	1	7455	0	9763	0	12071	1
532	1	2840	1	5148	0	7456	1	9764	0	12072	0
533	1	2841	0	5149	1	7457	0	9765	0	12073	1
534	1	2842	0	5150	1	7458	1	9766	0	12074	1
535	0	2843	0	5151	1	7459	0	9767	1	12075	1
536	1	2844	0	5152	1	7460	1	9768	0	12076	0
537	1	2845	1	5153	0	7461	1	9769	1	12077	0
538	0	2846	1	5154	0	7462	0	9770	1	12078	0
539	0	2847	1	5155	0	7463	1	9771	1	12079	0
540	1	2848	0	5156	1	7464	0	9772	1	12080	0
541	0	2849	0	5157	0	7465	1	9773	0	12081	0
542	0	2850	1	5158	1	7466	1	9774	0	12082	1
543	1	2851	0	5159	1	7467	0	9775	1	12083	0
544	0	2852	0	5160	0	7468	0	9776	1	12084	1
545	0	2853	1	5161	1	7469	1	9777	0	12085	1
546	0	2854	1	5162	1	7470	0	9778	1	12086	0
547	0	2855	0	5163	0	7471	1	9779	0	12087	1
548	1	2856	0	5164	0	7472	1	9780	0	12088	0
549	0	2857	0	5165	0	7473	1	9781	0	12089	0
550	0	2858	1	5166	0	7474	1	9782	1	12090	0
551	0	2859	1	5167	0	7475	1	9783	1	12091	0
552	1	2860	1	5168	0	7476	0	9784	1	12092	1
553	0	2861	0	5169	1	7477	1	9785	0	12093	0
554	1	2862	1	5170	1	7478	0	9786	0	12094	0
555	0	2863	1	5171	0	7479	0	9787	1	12095	0
556	1	2864	0	5172	0	7480	0	9788	1	12096	0
557	1	2865	1	5173	0	7481	1	9789	0	12097	1
558	1	2866	0	5174	0	7482	0	9790	0	12098	0
559	0	2867	1	5175	1	7483	1	9791	1	12099	1
560	1	2868	1	5176	1	7484	1	9792	0	12100	1
561	0	2869	0	5177	1	7485	0	9793	1	12101	1
562	1	2870	1	5178	1	7486	0	9794	0	12102	0
563	1	2871	1	5179	1	7487	1	9795	0	12103	1
564	0	2872	0	5180	0	7488	0	9796	1	12104	1

565	0	2873	0	5181	0	7489	0	9797	1	12105	1
566	1	2874	1	5182	1	7490	0	9798	0	12106	1
567	0	2875	1	5183	0	7491	1	9799	1	12107	1
568	0	2876	1	5184	1	7492	1	9800	0	12108	1
569	0	2877	0	5185	1	7493	0	9801	1	12109	1
570	1	2878	1	5186	1	7494	1	9802	1	12110	0
571	1	2879	0	5187	0	7495	0	9803	1	12111	0
572	1	2880	0	5188	0	7496	0	9804	1	12112	0
573	1	2881	1	5189	1	7497	0	9805	0	12113	0
574	0	2882	0	5190	1	7498	1	9806	1	12114	0
575	0	2883	0	5191	0	7499	0	9807	0	12115	0
576	0	2884	1	5192	0	7500	0	9808	1	12116	1
577	0	2885	0	5193	0	7501	0	9809	1	12117	1
578	0	2886	0	5194	1	7502	1	9810	1	12118	1
579	1	2887	1	5195	1	7503	0	9811	1	12119	1
580	1	2888	1	5196	1	7504	0	9812	1	12120	0
581	0	2889	0	5197	0	7505	0	9813	1	12121	0
582	0	2890	0	5198	1	7506	1	9814	1	12122	0
583	1	2891	0	5199	1	7507	0	9815	0	12123	1
584	0	2892	0	5200	1	7508	1	9816	0	12124	0
585	0	2893	0	5201	1	7509	1	9817	0	12125	1
586	0	2894	0	5202	1	7510	0	9818	0	12126	1
587	1	2895	0	5203	0	7511	1	9819	1	12127	1
588	0	2896	1	5204	1	7512	1	9820	1	12128	0
589	0	2897	1	5205	1	7513	0	9821	1	12129	0
590	0	2898	0	5206	1	7514	1	9822	1	12130	0
591	1	2899	1	5207	0	7515	0	9823	0	12131	0
592	0	2900	0	5208	1	7516	1	9824	1	12132	1
593	1	2901	0	5209	1	7517	1	9825	0	12133	1
594	1	2902	1	5210	0	7518	1	9826	0	12134	0
595	1	2903	1	5211	0	7519	0	9827	0	12135	1
596	0	2904	1	5212	1	7520	1	9828	1	12136	0
597	0	2905	0	5213	0	7521	1	9829	0	12137	1
598	1	2906	0	5214	1	7522	0	9830	1	12138	1
599	0	2907	0	5215	1	7523	1	9831	1	12139	1
600	0	2908	0	5216	1	7524	0	9832	0	12140	0
601	1	2909	1	5217	1	7525	0	9833	0	12141	1
602	1	2910	0	5218	0	7526	0	9834	0	12142	1
603	0	2911	1	5219	1	7527	0	9835	0	12143	1
604	1	2912	1	5220	0	7528	1	9836	0	12144	1
605	0	2913	0	5221	1	7529	0	9837	1	12145	1
606	0	2914	0	5222	0	7530	0	9838	1	12146	0
607	0	2915	1	5223	0	7531	0	9839	1	12147	1
608	0	2916	0	5224	1	7532	0	9840	0	12148	1

609	0	2917	1	5225	0	7533	1	9841	1	12149	0
610	0	2918	0	5226	0	7534	1	9842	1	12150	0
611	0	2919	0	5227	1	7535	1	9843	0	12151	0
612	0	2920	1	5228	1	7536	1	9844	0	12152	0
613	0	2921	1	5229	0	7537	0	9845	1	12153	1
614	1	2922	0	5230	0	7538	0	9846	1	12154	1
615	0	2923	1	5231	0	7539	0	9847	0	12155	0
616	0	2924	0	5232	0	7540	0	9848	1	12156	0
617	0	2925	1	5233	0	7541	0	9849	0	12157	0
618	1	2926	1	5234	0	7542	1	9850	1	12158	0
619	0	2927	1	5235	1	7543	0	9851	0	12159	0
620	1	2928	1	5236	1	7544	0	9852	1	12160	1
621	1	2929	0	5237	1	7545	0	9853	1	12161	1
622	1	2930	1	5238	1	7546	1	9854	0	12162	0
623	1	2931	1	5239	1	7547	0	9855	1	12163	1
624	1	2932	1	5240	0	7548	0	9856	1	12164	1
625	1	2933	0	5241	0	7549	1	9857	0	12165	1
626	0	2934	1	5242	0	7550	0	9858	1	12166	1
627	1	2935	1	5243	0	7551	0	9859	1	12167	0
628	0	2936	1	5244	0	7552	0	9860	1	12168	1
629	1	2937	1	5245	0	7553	1	9861	0	12169	1
630	1	2938	1	5246	1	7554	0	9862	1	12170	0
631	0	2939	1	5247	1	7555	1	9863	1	12171	0
632	0	2940	0	5248	0	7556	1	9864	0	12172	1
633	0	2941	1	5249	0	7557	0	9865	1	12173	0
634	1	2942	0	5250	0	7558	0	9866	1	12174	0
635	0	2943	1	5251	1	7559	1	9867	0	12175	1
636	0	2944	1	5252	1	7560	0	9868	1	12176	0
637	0	2945	1	5253	0	7561	0	9869	1	12177	0
638	1	2946	0	5254	1	7562	1	9870	1	12178	1
639	1	2947	0	5255	1	7563	0	9871	1	12179	1
640	0	2948	1	5256	1	7564	1	9872	0	12180	0
641	0	2949	1	5257	0	7565	0	9873	0	12181	0
642	0	2950	0	5258	1	7566	1	9874	1	12182	0
643	1	2951	1	5259	0	7567	1	9875	1	12183	1
644	0	2952	0	5260	1	7568	1	9876	0	12184	0
645	0	2953	0	5261	0	7569	0	9877	1	12185	1
646	1	2954	0	5262	0	7570	1	9878	1	12186	1
647	1	2955	0	5263	0	7571	0	9879	1	12187	0
648	0	2956	1	5264	1	7572	1	9880	0	12188	0
649	0	2957	0	5265	0	7573	0	9881	1	12189	1
650	0	2958	0	5266	0	7574	0	9882	0	12190	0
651	0	2959	0	5267	1	7575	0	9883	1	12191	1
652	1	2960	1	5268	0	7576	1	9884	0	12192	0

653	1	2961	1	5269	0	7577	0	9885	1	12193	1
654	0	2962	1	5270	0	7578	0	9886	0	12194	1
655	1	2963	0	5271	1	7579	0	9887	1	12195	0
656	1	2964	0	5272	1	7580	1	9888	0	12196	0
657	1	2965	1	5273	1	7581	0	9889	1	12197	1
658	0	2966	0	5274	1	7582	1	9890	0	12198	0
659	1	2967	0	5275	1	7583	0	9891	1	12199	0
660	0	2968	1	5276	1	7584	1	9892	0	12200	0
661	0	2969	0	5277	1	7585	1	9893	0	12201	0
662	1	2970	0	5278	0	7586	0	9894	0	12202	0
663	0	2971	1	5279	1	7587	1	9895	1	12203	0
664	0	2972	1	5280	0	7588	0	9896	1	12204	0
665	0	2973	1	5281	0	7589	1	9897	1	12205	1
666	0	2974	1	5282	0	7590	1	9898	0	12206	1
667	0	2975	1	5283	1	7591	1	9899	0	12207	0
668	1	2976	0	5284	0	7592	0	9900	1	12208	1
669	1	2977	1	5285	0	7593	0	9901	1	12209	0
670	1	2978	1	5286	1	7594	1	9902	1	12210	0
671	0	2979	1	5287	1	7595	1	9903	1	12211	0
672	0	2980	0	5288	0	7596	1	9904	0	12212	1
673	0	2981	1	5289	0	7597	1	9905	1	12213	1
674	1	2982	1	5290	0	7598	1	9906	1	12214	1
675	0	2983	1	5291	1	7599	1	9907	0	12215	0
676	1	2984	1	5292	0	7600	1	9908	0	12216	0
677	1	2985	1	5293	1	7601	0	9909	0	12217	1
678	0	2986	0	5294	0	7602	0	9910	0	12218	0
679	0	2987	1	5295	1	7603	0	9911	1	12219	0
680	0	2988	0	5296	1	7604	1	9912	1	12220	0
681	0	2989	1	5297	1	7605	0	9913	0	12221	0
682	0	2990	0	5298	1	7606	0	9914	1	12222	1
683	1	2991	1	5299	0	7607	1	9915	1	12223	1
684	0	2992	0	5300	1	7608	1	9916	0	12224	1
685	1	2993	0	5301	0	7609	0	9917	1	12225	1
686	0	2994	1	5302	0	7610	0	9918	0	12226	0
687	0	2995	0	5303	1	7611	1	9919	1	12227	0
688	1	2996	1	5304	0	7612	0	9920	0	12228	1
689	0	2997	1	5305	1	7613	1	9921	1	12229	0
690	0	2998	1	5306	0	7614	1	9922	1	12230	0
691	0	2999	0	5307	1	7615	0	9923	0	12231	1
692	1	3000	0	5308	0	7616	0	9924	0	12232	0
693	0	3001	0	5309	1	7617	1	9925	0	12233	0
694	0	3002	1	5310	0	7618	1	9926	0	12234	1
695	1	3003	1	5311	0	7619	0	9927	1	12235	1
696	1	3004	0	5312	0	7620	1	9928	0	12236	0

697	0	3005	1	5313	1	7621	0	9929	0	12237	1
698	1	3006	0	5314	1	7622	1	9930	0	12238	1
699	1	3007	1	5315	0	7623	0	9931	0	12239	0
700	0	3008	1	5316	0	7624	1	9932	0	12240	0
701	0	3009	1	5317	1	7625	0	9933	0	12241	1
702	0	3010	0	5318	1	7626	1	9934	0	12242	0
703	0	3011	0	5319	0	7627	1	9935	1	12243	1
704	0	3012	0	5320	1	7628	0	9936	0	12244	0
705	1	3013	0	5321	0	7629	1	9937	0	12245	1
706	0	3014	0	5322	1	7630	1	9938	0	12246	1
707	0	3015	1	5323	0	7631	1	9939	1	12247	0
708	1	3016	0	5324	1	7632	0	9940	1	12248	0
709	1	3017	1	5325	0	7633	0	9941	1	12249	1
710	0	3018	1	5326	1	7634	0	9942	1	12250	1
711	0	3019	1	5327	0	7635	1	9943	1	12251	0
712	1	3020	1	5328	0	7636	0	9944	0	12252	1
713	1	3021	1	5329	1	7637	0	9945	1	12253	1
714	1	3022	0	5330	1	7638	0	9946	0	12254	1
715	0	3023	1	5331	0	7639	0	9947	1	12255	0
716	1	3024	0	5332	0	7640	1	9948	0	12256	0
717	0	3025	1	5333	0	7641	0	9949	0	12257	1
718	1	3026	0	5334	1	7642	0	9950	1	12258	0
719	0	3027	1	5335	0	7643	1	9951	1	12259	1
720	1	3028	1	5336	0	7644	1	9952	0	12260	0
721	0	3029	1	5337	0	7645	1	9953	1	12261	1
722	1	3030	1	5338	1	7646	0	9954	0	12262	0
723	0	3031	0	5339	0	7647	1	9955	1	12263	0
724	1	3032	1	5340	0	7648	0	9956	1	12264	0
725	1	3033	0	5341	0	7649	0	9957	0	12265	1
726	0	3034	1	5342	1	7650	1	9958	1	12266	0
727	1	3035	0	5343	0	7651	1	9959	1	12267	0
728	1	3036	0	5344	0	7652	0	9960	0	12268	0
729	1	3037	0	5345	0	7653	1	9961	0	12269	1
730	0	3038	0	5346	0	7654	1	9962	0	12270	0
731	0	3039	0	5347	0	7655	0	9963	1	12271	1
732	1	3040	1	5348	1	7656	0	9964	1	12272	0
733	0	3041	0	5349	0	7657	0	9965	1	12273	1
734	0	3042	1	5350	0	7658	1	9966	0	12274	1
735	0	3043	0	5351	0	7659	1	9967	0	12275	0
736	1	3044	1	5352	1	7660	0	9968	1	12276	0
737	0	3045	1	5353	0	7661	0	9969	0	12277	1
738	1	3046	0	5354	1	7662	1	9970	0	12278	0
739	0	3047	1	5355	0	7663	1	9971	0	12279	1
740	0	3048	1	5356	0	7664	0	9972	0	12280	1

741	0	3049	0	5357	1	7665	1	9973	0	12281	0
742	0	3050	1	5358	1	7666	0	9974	0	12282	0
743	1	3051	0	5359	1	7667	0	9975	1	12283	1
744	0	3052	1	5360	0	7668	0	9976	0	12284	0
745	0	3053	1	5361	0	7669	0	9977	0	12285	1
746	1	3054	1	5362	1	7670	0	9978	0	12286	0
747	0	3055	0	5363	1	7671	0	9979	0	12287	1
748	0	3056	0	5364	0	7672	1	9980	0	12288	0
749	1	3057	0	5365	0	7673	1	9981	0	12289	1
750	0	3058	1	5366	1	7674	1	9982	0	12290	0
751	0	3059	0	5367	1	7675	1	9983	0	12291	1
752	0	3060	1	5368	1	7676	1	9984	1	12292	1
753	0	3061	0	5369	1	7677	1	9985	0	12293	1
754	0	3062	0	5370	0	7678	0	9986	0	12294	1
755	0	3063	0	5371	0	7679	1	9987	1	12295	0
756	0	3064	0	5372	0	7680	1	9988	1	12296	1
757	0	3065	0	5373	1	7681	1	9989	1	12297	0
758	0	3066	0	5374	1	7682	0	9990	0	12298	1
759	1	3067	1	5375	0	7683	1	9991	1	12299	1
760	0	3068	0	5376	0	7684	0	9992	1	12300	0
761	1	3069	1	5377	0	7685	0	9993	1	12301	1
762	1	3070	1	5378	0	7686	1	9994	0	12302	0
763	1	3071	1	5379	1	7687	1	9995	0	12303	1
764	1	3072	0	5380	1	7688	1	9996	0	12304	0
765	0	3073	0	5381	0	7689	1	9997	1	12305	1
766	1	3074	1	5382	1	7690	1	9998	1	12306	0
767	1	3075	0	5383	1	7691	0	9999	1	12307	1
768	1	3076	1	5384	0	7692	0	10000	1	12308	1
769	1	3077	1	5385	1	7693	1	10001	0	12309	0
770	0	3078	1	5386	1	7694	0	10002	0	12310	0
771	1	3079	0	5387	1	7695	0	10003	1	12311	1
772	0	3080	1	5388	0	7696	0	10004	0	12312	0
773	1	3081	0	5389	0	7697	1	10005	1	12313	0
774	1	3082	1	5390	0	7698	1	10006	0	12314	1
775	0	3083	1	5391	1	7699	1	10007	0	12315	0
776	0	3084	1	5392	1	7700	0	10008	1	12316	1
777	1	3085	0	5393	1	7701	1	10009	1	12317	0
778	1	3086	1	5394	0	7702	0	10010	1	12318	1
779	0	3087	0	5395	0	7703	0	10011	1	12319	1
780	1	3088	1	5396	1	7704	1	10012	1	12320	0
781	1	3089	0	5397	1	7705	1	10013	0	12321	0
782	1	3090	1	5398	0	7706	0	10014	0	12322	1
783	0	3091	0	5399	0	7707	1	10015	1	12323	0
784	0	3092	0	5400	0	7708	1	10016	0	12324	0

785	0	3093	1	5401	0	7709	0	10017	1	12325	1
786	0	3094	1	5402	0	7710	0	10018	1	12326	0
787	0	3095	1	5403	1	7711	1	10019	1	12327	0
788	1	3096	0	5404	0	7712	1	10020	0	12328	0
789	1	3097	1	5405	1	7713	1	10021	0	12329	0
790	1	3098	1	5406	1	7714	1	10022	0	12330	0
791	0	3099	1	5407	1	7715	1	10023	0	12331	0
792	1	3100	1	5408	1	7716	1	10024	1	12332	1
793	0	3101	0	5409	0	7717	1	10025	0	12333	1
794	0	3102	1	5410	1	7718	0	10026	0	12334	0
795	1	3103	1	5411	1	7719	0	10027	1	12335	0
796	0	3104	1	5412	1	7720	0	10028	0	12336	1
797	1	3105	1	5413	1	7721	1	10029	1	12337	1
798	0	3106	0	5414	0	7722	0	10030	1	12338	1
799	0	3107	1	5415	0	7723	1	10031	0	12339	0
800	0	3108	1	5416	1	7724	1	10032	0	12340	1
801	0	3109	0	5417	0	7725	1	10033	0	12341	1
802	1	3110	0	5418	0	7726	0	10034	1	12342	1
803	0	3111	0	5419	1	7727	1	10035	1	12343	1
804	1	3112	1	5420	1	7728	1	10036	0	12344	1
805	0	3113	1	5421	1	7729	0	10037	0	12345	1
806	0	3114	0	5422	1	7730	1	10038	1	12346	1
807	1	3115	1	5423	0	7731	0	10039	0	12347	1
808	1	3116	1	5424	0	7732	1	10040	0	12348	1
809	1	3117	0	5425	0	7733	0	10041	0	12349	1
810	0	3118	1	5426	1	7734	1	10042	0	12350	1
811	1	3119	0	5427	0	7735	0	10043	1	12351	1
812	1	3120	1	5428	0	7736	0	10044	0	12352	0
813	1	3121	1	5429	1	7737	1	10045	1	12353	0
814	0	3122	0	5430	0	7738	1	10046	1	12354	0
815	0	3123	0	5431	0	7739	0	10047	1	12355	1
816	1	3124	0	5432	1	7740	0	10048	0	12356	1
817	0	3125	1	5433	0	7741	0	10049	1	12357	1
818	0	3126	0	5434	1	7742	1	10050	0	12358	1
819	0	3127	1	5435	0	7743	1	10051	1	12359	0
820	1	3128	1	5436	0	7744	0	10052	0	12360	1
821	1	3129	1	5437	0	7745	0	10053	1	12361	0
822	1	3130	1	5438	1	7746	1	10054	1	12362	0
823	1	3131	0	5439	0	7747	0	10055	1	12363	1
824	0	3132	0	5440	1	7748	0	10056	1	12364	1
825	1	3133	1	5441	1	7749	0	10057	0	12365	0
826	0	3134	0	5442	0	7750	1	10058	1	12366	1
827	1	3135	1	5443	0	7751	0	10059	1	12367	0
828	0	3136	0	5444	0	7752	1	10060	0	12368	1

829	1	3137	1	5445	1	7753	0	10061	0	12369	0
830	0	3138	0	5446	1	7754	1	10062	1	12370	0
831	1	3139	1	5447	1	7755	0	10063	1	12371	1
832	1	3140	1	5448	1	7756	1	10064	0	12372	1
833	1	3141	1	5449	1	7757	1	10065	0	12373	0
834	1	3142	1	5450	1	7758	1	10066	1	12374	0
835	1	3143	0	5451	1	7759	1	10067	0	12375	1
836	1	3144	1	5452	1	7760	0	10068	0	12376	0
837	1	3145	1	5453	0	7761	0	10069	0	12377	0
838	0	3146	1	5454	1	7762	0	10070	1	12378	0
839	0	3147	1	5455	1	7763	1	10071	1	12379	0
840	0	3148	1	5456	0	7764	1	10072	0	12380	1
841	0	3149	0	5457	1	7765	1	10073	1	12381	1
842	0	3150	1	5458	0	7766	1	10074	0	12382	1
843	1	3151	0	5459	1	7767	1	10075	0	12383	0
844	0	3152	1	5460	1	7768	0	10076	1	12384	1
845	0	3153	0	5461	1	7769	0	10077	1	12385	1
846	1	3154	1	5462	0	7770	1	10078	0	12386	0
847	1	3155	1	5463	1	7771	1	10079	1	12387	1
848	1	3156	1	5464	1	7772	1	10080	1	12388	1
849	1	3157	1	5465	1	7773	1	10081	0	12389	0
850	1	3158	1	5466	1	7774	1	10082	1	12390	1
851	1	3159	0	5467	0	7775	0	10083	0	12391	0
852	1	3160	1	5468	0	7776	1	10084	1	12392	0
853	0	3161	0	5469	0	7777	1	10085	0	12393	0
854	1	3162	0	5470	1	7778	0	10086	1	12394	0
855	0	3163	0	5471	1	7779	1	10087	1	12395	0
856	1	3164	1	5472	1	7780	1	10088	0	12396	1
857	0	3165	1	5473	1	7781	0	10089	1	12397	1
858	1	3166	1	5474	1	7782	1	10090	0	12398	1
859	0	3167	1	5475	0	7783	1	10091	1	12399	1
860	1	3168	0	5476	1	7784	0	10092	0	12400	1
861	0	3169	1	5477	0	7785	0	10093	0	12401	1
862	1	3170	0	5478	0	7786	0	10094	1	12402	1
863	0	3171	0	5479	0	7787	1	10095	0	12403	0
864	1	3172	1	5480	0	7788	0	10096	1	12404	0
865	1	3173	0	5481	1	7789	1	10097	1	12405	1
866	1	3174	0	5482	1	7790	1	10098	1	12406	1
867	1	3175	0	5483	1	7791	1	10099	0	12407	1
868	0	3176	1	5484	1	7792	0	10100	1	12408	0
869	0	3177	0	5485	0	7793	1	10101	0	12409	1
870	0	3178	0	5486	1	7794	0	10102	0	12410	1
871	1	3179	0	5487	1	7795	0	10103	0	12411	0
872	0	3180	0	5488	1	7796	1	10104	1	12412	1

873	1	3181	1	5489	0	7797	1	10105	1	12413	0
874	1	3182	1	5490	1	7798	0	10106	0	12414	1
875	1	3183	0	5491	1	7799	1	10107	1	12415	1
876	1	3184	1	5492	0	7800	0	10108	1	12416	0
877	0	3185	1	5493	1	7801	0	10109	0	12417	0
878	1	3186	0	5494	1	7802	1	10110	1	12418	0
879	1	3187	0	5495	0	7803	0	10111	1	12419	1
880	0	3188	0	5496	0	7804	1	10112	1	12420	0
881	1	3189	1	5497	0	7805	0	10113	0	12421	1
882	0	3190	1	5498	1	7806	0	10114	1	12422	1
883	0	3191	0	5499	0	7807	1	10115	0	12423	0
884	1	3192	1	5500	1	7808	0	10116	0	12424	1
885	0	3193	1	5501	0	7809	1	10117	0	12425	0
886	1	3194	1	5502	0	7810	1	10118	1	12426	1
887	1	3195	0	5503	1	7811	1	10119	1	12427	0
888	1	3196	0	5504	1	7812	0	10120	1	12428	0
889	1	3197	1	5505	0	7813	0	10121	1	12429	1
890	1	3198	0	5506	0	7814	1	10122	1	12430	1
891	1	3199	0	5507	0	7815	1	10123	1	12431	0
892	1	3200	0	5508	0	7816	0	10124	0	12432	1
893	1	3201	1	5509	1	7817	0	10125	1	12433	0
894	0	3202	1	5510	1	7818	1	10126	1	12434	1
895	0	3203	1	5511	0	7819	0	10127	0	12435	0
896	1	3204	0	5512	0	7820	0	10128	1	12436	0
897	0	3205	1	5513	0	7821	1	10129	0	12437	0
898	0	3206	0	5514	0	7822	1	10130	0	12438	0
899	0	3207	1	5515	0	7823	0	10131	0	12439	1
900	1	3208	1	5516	0	7824	1	10132	1	12440	0
901	1	3209	0	5517	1	7825	0	10133	0	12441	1
902	0	3210	1	5518	1	7826	1	10134	1	12442	0
903	1	3211	0	5519	0	7827	1	10135	0	12443	1
904	0	3212	1	5520	0	7828	0	10136	0	12444	0
905	1	3213	1	5521	0	7829	0	10137	1	12445	0
906	1	3214	1	5522	1	7830	0	10138	1	12446	0
907	1	3215	0	5523	1	7831	0	10139	1	12447	0
908	0	3216	0	5524	1	7832	0	10140	0	12448	0
909	0	3217	1	5525	0	7833	1	10141	0	12449	0
910	1	3218	1	5526	0	7834	1	10142	1	12450	1
911	0	3219	1	5527	0	7835	0	10143	0	12451	1
912	0	3220	0	5528	0	7836	1	10144	0	12452	1
913	0	3221	0	5529	0	7837	1	10145	0	12453	1
914	0	3222	1	5530	0	7838	0	10146	0	12454	0
915	0	3223	0	5531	1	7839	0	10147	0	12455	1
916	0	3224	0	5532	0	7840	0	10148	1	12456	1

917	0	3225	0	5533	1	7841	0	10149	1	12457	1
918	0	3226	1	5534	1	7842	0	10150	0	12458	0
919	0	3227	1	5535	1	7843	0	10151	0	12459	0
920	1	3228	0	5536	1	7844	0	10152	1	12460	1
921	1	3229	0	5537	0	7845	0	10153	0	12461	0
922	0	3230	1	5538	1	7846	0	10154	0	12462	1
923	0	3231	0	5539	0	7847	1	10155	1	12463	0
924	1	3232	0	5540	1	7848	0	10156	1	12464	0
925	0	3233	0	5541	0	7849	0	10157	0	12465	1
926	0	3234	0	5542	1	7850	0	10158	1	12466	0
927	1	3235	0	5543	0	7851	0	10159	0	12467	1
928	1	3236	1	5544	0	7852	0	10160	1	12468	1
929	0	3237	1	5545	1	7853	0	10161	1	12469	0
930	1	3238	1	5546	0	7854	0	10162	0	12470	1
931	0	3239	1	5547	1	7855	0	10163	0	12471	0
932	1	3240	1	5548	0	7856	1	10164	0	12472	0
933	1	3241	0	5549	0	7857	1	10165	1	12473	1
934	0	3242	0	5550	1	7858	1	10166	1	12474	1
935	1	3243	0	5551	1	7859	0	10167	0	12475	1
936	0	3244	0	5552	0	7860	1	10168	1	12476	1
937	1	3245	1	5553	1	7861	0	10169	0	12477	1
938	1	3246	1	5554	0	7862	0	10170	0	12478	1
939	0	3247	1	5555	1	7863	0	10171	1	12479	0
940	1	3248	1	5556	1	7864	0	10172	0	12480	0
941	0	3249	1	5557	0	7865	1	10173	0	12481	0
942	0	3250	1	5558	0	7866	0	10174	0	12482	0
943	1	3251	1	5559	1	7867	1	10175	1	12483	0
944	1	3252	1	5560	1	7868	0	10176	1	12484	1
945	1	3253	0	5561	0	7869	1	10177	1	12485	1
946	0	3254	1	5562	0	7870	1	10178	0	12486	1
947	1	3255	0	5563	1	7871	0	10179	1	12487	1
948	0	3256	0	5564	1	7872	1	10180	1	12488	0
949	0	3257	0	5565	0	7873	1	10181	0	12489	0
950	1	3258	0	5566	0	7874	1	10182	0	12490	0
951	1	3259	0	5567	1	7875	1	10183	0	12491	0
952	1	3260	1	5568	1	7876	0	10184	0	12492	0
953	1	3261	1	5569	1	7877	0	10185	0	12493	1
954	0	3262	0	5570	1	7878	0	10186	1	12494	0
955	1	3263	1	5571	0	7879	0	10187	0	12495	0
956	0	3264	1	5572	0	7880	0	10188	1	12496	0
957	0	3265	1	5573	0	7881	1	10189	0	12497	0
958	1	3266	0	5574	0	7882	0	10190	1	12498	1
959	1	3267	1	5575	1	7883	0	10191	1	12499	1
960	0	3268	0	5576	1	7884	0	10192	1	12500	1

961	1	3269	0	5577	1	7885	1	10193	1	12501	0
962	0	3270	1	5578	0	7886	0	10194	1	12502	1
963	0	3271	1	5579	1	7887	1	10195	1	12503	1
964	0	3272	0	5580	1	7888	1	10196	0	12504	0
965	1	3273	0	5581	0	7889	1	10197	1	12505	1
966	1	3274	1	5582	0	7890	0	10198	1	12506	1
967	1	3275	1	5583	1	7891	1	10199	1	12507	0
968	0	3276	1	5584	0	7892	1	10200	0	12508	0
969	0	3277	1	5585	1	7893	0	10201	1	12509	1
970	1	3278	0	5586	0	7894	1	10202	0	12510	1
971	0	3279	1	5587	0	7895	0	10203	1	12511	1
972	0	3280	0	5588	0	7896	0	10204	0	12512	1
973	1	3281	0	5589	1	7897	0	10205	0	12513	1
974	0	3282	0	5590	1	7898	0	10206	1	12514	0
975	0	3283	0	5591	1	7899	1	10207	1	12515	0
976	1	3284	0	5592	1	7900	0	10208	1	12516	1
977	0	3285	1	5593	1	7901	1	10209	1	12517	1
978	0	3286	0	5594	0	7902	1	10210	0	12518	0
979	0	3287	1	5595	1	7903	0	10211	1	12519	0
980	0	3288	0	5596	0	7904	1	10212	1	12520	0
981	0	3289	1	5597	0	7905	1	10213	0	12521	0
982	0	3290	1	5598	1	7906	1	10214	0	12522	0
983	0	3291	0	5599	0	7907	1	10215	0	12523	0
984	0	3292	1	5600	1	7908	1	10216	0	12524	0
985	0	3293	0	5601	1	7909	1	10217	1	12525	1
986	0	3294	1	5602	0	7910	0	10218	1	12526	1
987	1	3295	0	5603	1	7911	0	10219	0	12527	1
988	1	3296	0	5604	0	7912	1	10220	1	12528	0
989	1	3297	1	5605	1	7913	1	10221	1	12529	0
990	1	3298	1	5606	1	7914	0	10222	1	12530	0
991	1	3299	0	5607	0	7915	0	10223	0	12531	1
992	1	3300	0	5608	1	7916	1	10224	1	12532	0
993	1	3301	0	5609	0	7917	0	10225	1	12533	1
994	1	3302	0	5610	1	7918	1	10226	1	12534	1
995	1	3303	1	5611	1	7919	1	10227	0	12535	1
996	0	3304	0	5612	0	7920	1	10228	0	12536	1
997	1	3305	0	5613	0	7921	0	10229	0	12537	0
998	0	3306	0	5614	1	7922	1	10230	1	12538	1
999	0	3307	1	5615	0	7923	1	10231	0	12539	1
1000	1	3308	1	5616	1	7924	1	10232	0	12540	1
1001	0	3309	1	5617	1	7925	1	10233	1	12541	1
1002	1	3310	1	5618	0	7926	0	10234	1	12542	1
1003	0	3311	0	5619	1	7927	1	10235	0	12543	0
1004	0	3312	0	5620	1	7928	0	10236	1	12544	1

1005	0	3313	1	5621	1	7929	0	10237	1	12545	1
1006	0	3314	0	5622	1	7930	0	10238	1	12546	0
1007	0	3315	0	5623	0	7931	1	10239	0	12547	1
1008	1	3316	0	5624	1	7932	0	10240	0	12548	0
1009	0	3317	0	5625	1	7933	1	10241	0	12549	1
1010	1	3318	1	5626	1	7934	0	10242	0	12550	0
1011	1	3319	0	5627	0	7935	0	10243	1	12551	0
1012	1	3320	1	5628	0	7936	1	10244	0	12552	1
1013	0	3321	1	5629	1	7937	1	10245	1	12553	0
1014	0	3322	1	5630	1	7938	1	10246	1	12554	0
1015	1	3323	0	5631	1	7939	0	10247	0	12555	1
1016	0	3324	1	5632	0	7940	1	10248	1	12556	1
1017	1	3325	1	5633	0	7941	1	10249	0	12557	1
1018	0	3326	1	5634	0	7942	0	10250	1	12558	0
1019	1	3327	0	5635	0	7943	1	10251	0	12559	0
1020	0	3328	1	5636	1	7944	1	10252	1	12560	1
1021	1	3329	0	5637	0	7945	0	10253	0	12561	1
1022	1	3330	1	5638	0	7946	1	10254	0	12562	0
1023	1	3331	0	5639	0	7947	1	10255	1	12563	1
1024	1	3332	0	5640	1	7948	1	10256	1	12564	1
1025	1	3333	1	5641	1	7949	0	10257	1	12565	0
1026	0	3334	0	5642	0	7950	1	10258	0	12566	1
1027	0	3335	0	5643	1	7951	1	10259	0	12567	0
1028	0	3336	1	5644	1	7952	0	10260	0	12568	1
1029	0	3337	1	5645	0	7953	0	10261	1	12569	1
1030	1	3338	0	5646	0	7954	1	10262	0	12570	0
1031	1	3339	0	5647	1	7955	1	10263	1	12571	1
1032	1	3340	1	5648	1	7956	0	10264	0	12572	0
1033	1	3341	1	5649	1	7957	0	10265	0	12573	0
1034	0	3342	0	5650	0	7958	0	10266	0	12574	1
1035	1	3343	1	5651	0	7959	0	10267	0	12575	1
1036	1	3344	0	5652	0	7960	0	10268	0	12576	0
1037	1	3345	0	5653	1	7961	0	10269	1	12577	1
1038	0	3346	0	5654	0	7962	0	10270	0	12578	1
1039	0	3347	1	5655	0	7963	1	10271	1	12579	0
1040	1	3348	0	5656	1	7964	0	10272	0	12580	1
1041	1	3349	0	5657	1	7965	1	10273	0	12581	1
1042	1	3350	0	5658	1	7966	1	10274	0	12582	1
1043	1	3351	1	5659	0	7967	0	10275	0	12583	0
1044	0	3352	1	5660	0	7968	1	10276	0	12584	1
1045	0	3353	1	5661	1	7969	1	10277	1	12585	0
1046	0	3354	0	5662	0	7970	1	10278	0	12586	0
1047	0	3355	1	5663	1	7971	1	10279	0	12587	1
1048	0	3356	1	5664	1	7972	1	10280	0	12588	0

1049	1	3357	1	5665	1	7973	1	10281	0	12589	1
1050	0	3358	0	5666	0	7974	0	10282	1	12590	1
1051	0	3359	0	5667	0	7975	0	10283	0	12591	1
1052	1	3360	0	5668	0	7976	1	10284	0	12592	0
1053	0	3361	0	5669	1	7977	0	10285	1	12593	0
1054	0	3362	1	5670	0	7978	1	10286	0	12594	0
1055	1	3363	1	5671	1	7979	0	10287	0	12595	1
1056	1	3364	1	5672	0	7980	0	10288	0	12596	0
1057	0	3365	1	5673	1	7981	1	10289	0	12597	1
1058	0	3366	0	5674	0	7982	0	10290	0	12598	1
1059	0	3367	1	5675	1	7983	0	10291	1	12599	0
1060	1	3368	1	5676	1	7984	0	10292	1	12600	1
1061	0	3369	1	5677	0	7985	1	10293	0	12601	0
1062	1	3370	1	5678	0	7986	1	10294	1	12602	1
1063	0	3371	1	5679	1	7987	0	10295	1	12603	1
1064	1	3372	1	5680	0	7988	1	10296	1	12604	1
1065	1	3373	0	5681	0	7989	0	10297	0	12605	1
1066	0	3374	0	5682	1	7990	1	10298	1	12606	0
1067	0	3375	1	5683	0	7991	0	10299	0	12607	1
1068	0	3376	1	5684	0	7992	1	10300	1	12608	1
1069	0	3377	1	5685	1	7993	0	10301	0	12609	0
1070	0	3378	1	5686	0	7994	0	10302	0	12610	0
1071	0	3379	1	5687	0	7995	1	10303	0	12611	1
1072	0	3380	1	5688	1	7996	0	10304	1	12612	0
1073	1	3381	1	5689	0	7997	1	10305	0	12613	1
1074	0	3382	1	5690	0	7998	1	10306	1	12614	1
1075	0	3383	0	5691	1	7999	1	10307	0	12615	0
1076	1	3384	1	5692	1	8000	1	10308	0	12616	1
1077	0	3385	0	5693	1	8001	1	10309	0	12617	1
1078	0	3386	1	5694	0	8002	0	10310	0	12618	1
1079	1	3387	0	5695	0	8003	0	10311	1	12619	0
1080	1	3388	0	5696	1	8004	1	10312	1	12620	0
1081	0	3389	0	5697	0	8005	1	10313	0	12621	0
1082	1	3390	1	5698	0	8006	1	10314	0	12622	1
1083	1	3391	1	5699	0	8007	0	10315	0	12623	0
1084	1	3392	1	5700	0	8008	1	10316	0	12624	1
1085	1	3393	1	5701	0	8009	1	10317	0	12625	1
1086	0	3394	1	5702	1	8010	1	10318	1	12626	0
1087	1	3395	1	5703	0	8011	0	10319	1	12627	1
1088	1	3396	0	5704	0	8012	0	10320	0	12628	0
1089	0	3397	1	5705	0	8013	0	10321	1	12629	0
1090	1	3398	1	5706	1	8014	1	10322	1	12630	0
1091	1	3399	1	5707	1	8015	0	10323	1	12631	0
1092	1	3400	1	5708	0	8016	0	10324	0	12632	1

1093	1	3401	1	5709	0	8017	0	10325	0	12633	1
1094	0	3402	1	5710	0	8018	1	10326	0	12634	1
1095	0	3403	0	5711	1	8019	0	10327	0	12635	1
1096	0	3404	0	5712	0	8020	0	10328	0	12636	0
1097	0	3405	1	5713	1	8021	0	10329	1	12637	0
1098	1	3406	0	5714	0	8022	0	10330	1	12638	0
1099	1	3407	1	5715	1	8023	0	10331	1	12639	0
1100	0	3408	0	5716	1	8024	0	10332	1	12640	0
1101	0	3409	0	5717	1	8025	1	10333	0	12641	1
1102	0	3410	0	5718	0	8026	1	10334	1	12642	0
1103	0	3411	1	5719	1	8027	0	10335	0	12643	0
1104	1	3412	0	5720	1	8028	0	10336	1	12644	1
1105	1	3413	0	5721	1	8029	1	10337	0	12645	1
1106	1	3414	1	5722	1	8030	1	10338	1	12646	0
1107	1	3415	0	5723	1	8031	0	10339	0	12647	1
1108	1	3416	0	5724	1	8032	0	10340	1	12648	1
1109	0	3417	0	5725	0	8033	0	10341	1	12649	1
1110	1	3418	1	5726	1	8034	0	10342	0	12650	0
1111	0	3419	0	5727	1	8035	0	10343	0	12651	0
1112	1	3420	1	5728	1	8036	1	10344	0	12652	1
1113	0	3421	0	5729	0	8037	0	10345	0	12653	0
1114	0	3422	0	5730	0	8038	0	10346	1	12654	0
1115	0	3423	0	5731	0	8039	1	10347	0	12655	0
1116	0	3424	1	5732	0	8040	0	10348	0	12656	1
1117	0	3425	1	5733	0	8041	0	10349	1	12657	1
1118	0	3426	1	5734	0	8042	1	10350	1	12658	0
1119	1	3427	0	5735	1	8043	0	10351	1	12659	0
1120	0	3428	1	5736	0	8044	0	10352	1	12660	0
1121	1	3429	0	5737	0	8045	0	10353	1	12661	0
1122	0	3430	1	5738	0	8046	1	10354	1	12662	0
1123	0	3431	0	5739	0	8047	1	10355	1	12663	1
1124	1	3432	1	5740	1	8048	1	10356	1	12664	1
1125	0	3433	0	5741	1	8049	1	10357	0	12665	0
1126	1	3434	0	5742	1	8050	0	10358	0	12666	1
1127	0	3435	0	5743	1	8051	1	10359	0	12667	1
1128	0	3436	1	5744	0	8052	0	10360	1	12668	0
1129	1	3437	1	5745	1	8053	0	10361	1	12669	0
1130	0	3438	0	5746	0	8054	0	10362	0	12670	1
1131	1	3439	0	5747	1	8055	1	10363	1	12671	1
1132	1	3440	1	5748	0	8056	1	10364	0	12672	1
1133	0	3441	0	5749	1	8057	1	10365	0	12673	1
1134	0	3442	1	5750	1	8058	0	10366	0	12674	1
1135	0	3443	0	5751	0	8059	0	10367	1	12675	0
1136	0	3444	1	5752	1	8060	0	10368	0	12676	1

1137	1	3445	1	5753	1	8061	1	10369	1	12677	0
1138	0	3446	1	5754	1	8062	0	10370	0	12678	1
1139	1	3447	1	5755	0	8063	1	10371	0	12679	1
1140	1	3448	0	5756	0	8064	1	10372	1	12680	1
1141	1	3449	1	5757	1	8065	0	10373	0	12681	1
1142	0	3450	0	5758	1	8066	0	10374	1	12682	0
1143	0	3451	1	5759	0	8067	1	10375	0	12683	0
1144	0	3452	1	5760	0	8068	0	10376	0	12684	0
1145	0	3453	0	5761	0	8069	1	10377	1	12685	0
1146	0	3454	1	5762	0	8070	1	10378	1	12686	1
1147	0	3455	1	5763	1	8071	0	10379	0	12687	0
1148	1	3456	0	5764	1	8072	0	10380	0	12688	1
1149	1	3457	0	5765	1	8073	1	10381	0	12689	1
1150	0	3458	0	5766	1	8074	0	10382	1	12690	1
1151	0	3459	1	5767	0	8075	0	10383	1	12691	1
1152	1	3460	0	5768	1	8076	0	10384	0	12692	1
1153	1	3461	0	5769	1	8077	1	10385	0	12693	0
1154	1	3462	1	5770	1	8078	1	10386	1	12694	0
1155	1	3463	0	5771	0	8079	1	10387	0	12695	0
1156	1	3464	1	5772	0	8080	0	10388	0	12696	1
1157	0	3465	1	5773	1	8081	0	10389	1	12697	1
1158	0	3466	1	5774	1	8082	1	10390	0	12698	1
1159	1	3467	0	5775	0	8083	1	10391	0	12699	1
1160	0	3468	0	5776	1	8084	1	10392	0	12700	1
1161	1	3469	1	5777	1	8085	1	10393	1	12701	1
1162	1	3470	0	5778	1	8086	0	10394	0	12702	1
1163	0	3471	1	5779	0	8087	1	10395	1	12703	1
1164	0	3472	0	5780	1	8088	1	10396	0	12704	0
1165	0	3473	0	5781	1	8089	1	10397	1	12705	0
1166	0	3474	1	5782	0	8090	1	10398	0	12706	0
1167	1	3475	1	5783	1	8091	1	10399	1	12707	0
1168	0	3476	1	5784	1	8092	0	10400	0	12708	1
1169	1	3477	1	5785	1	8093	0	10401	1	12709	0
1170	0	3478	1	5786	1	8094	1	10402	0	12710	1
1171	0	3479	1	5787	1	8095	0	10403	1	12711	0
1172	1	3480	0	5788	1	8096	1	10404	1	12712	1
1173	0	3481	1	5789	0	8097	1	10405	1	12713	1
1174	0	3482	0	5790	1	8098	1	10406	1	12714	0
1175	0	3483	1	5791	1	8099	0	10407	1	12715	0
1176	0	3484	1	5792	1	8100	0	10408	0	12716	0
1177	0	3485	1	5793	0	8101	1	10409	1	12717	0
1178	0	3486	1	5794	0	8102	1	10410	0	12718	0
1179	1	3487	0	5795	0	8103	0	10411	0	12719	0
1180	1	3488	0	5796	0	8104	0	10412	1	12720	1

1181	0	3489	0	5797	1	8105	1	10413	0	12721	1
1182	1	3490	0	5798	1	8106	0	10414	1	12722	0
1183	0	3491	0	5799	1	8107	0	10415	1	12723	1
1184	1	3492	0	5800	1	8108	1	10416	0	12724	1
1185	0	3493	0	5801	1	8109	1	10417	0	12725	0
1186	0	3494	0	5802	0	8110	0	10418	0	12726	0
1187	0	3495	1	5803	1	8111	1	10419	0	12727	0
1188	1	3496	0	5804	1	8112	1	10420	0	12728	1
1189	0	3497	0	5805	1	8113	1	10421	0	12729	0
1190	1	3498	0	5806	0	8114	1	10422	0	12730	1
1191	0	3499	1	5807	1	8115	1	10423	1	12731	0
1192	0	3500	0	5808	1	8116	0	10424	1	12732	1
1193	0	3501	1	5809	0	8117	0	10425	1	12733	0
1194	0	3502	0	5810	1	8118	0	10426	1	12734	0
1195	1	3503	0	5811	1	8119	1	10427	0	12735	0
1196	0	3504	1	5812	0	8120	0	10428	1	12736	1
1197	1	3505	0	5813	0	8121	1	10429	1	12737	0
1198	1	3506	1	5814	0	8122	1	10430	0	12738	1
1199	1	3507	0	5815	0	8123	0	10431	0	12739	0
1200	0	3508	0	5816	1	8124	0	10432	0	12740	1
1201	1	3509	1	5817	1	8125	1	10433	1	12741	1
1202	1	3510	1	5818	0	8126	0	10434	0	12742	0
1203	0	3511	0	5819	1	8127	0	10435	0	12743	0
1204	1	3512	1	5820	1	8128	0	10436	1	12744	1
1205	0	3513	1	5821	1	8129	1	10437	0	12745	0
1206	1	3514	1	5822	0	8130	0	10438	1	12746	1
1207	0	3515	1	5823	1	8131	1	10439	0	12747	1
1208	1	3516	1	5824	1	8132	0	10440	0	12748	1
1209	1	3517	1	5825	0	8133	1	10441	0	12749	0
1210	1	3518	0	5826	1	8134	0	10442	0	12750	1
1211	1	3519	1	5827	0	8135	1	10443	1	12751	0
1212	1	3520	0	5828	1	8136	1	10444	1	12752	0
1213	0	3521	0	5829	1	8137	0	10445	1	12753	1
1214	1	3522	1	5830	1	8138	0	10446	0	12754	1
1215	1	3523	0	5831	1	8139	1	10447	1	12755	1
1216	1	3524	1	5832	1	8140	0	10448	0	12756	0
1217	0	3525	1	5833	1	8141	1	10449	1	12757	0
1218	1	3526	0	5834	0	8142	1	10450	1	12758	1
1219	1	3527	1	5835	1	8143	0	10451	1	12759	0
1220	0	3528	1	5836	0	8144	1	10452	1	12760	1
1221	1	3529	1	5837	0	8145	1	10453	0	12761	0
1222	1	3530	0	5838	0	8146	0	10454	1	12762	1
1223	0	3531	0	5839	1	8147	1	10455	1	12763	0
1224	0	3532	1	5840	1	8148	0	10456	0	12764	1

1225	0	3533	1	5841	0	8149	0	10457	0	12765	1
1226	0	3534	0	5842	1	8150	1	10458	0	12766	0
1227	0	3535	1	5843	1	8151	1	10459	0	12767	1
1228	1	3536	0	5844	0	8152	0	10460	0	12768	0
1229	1	3537	1	5845	1	8153	0	10461	0	12769	1
1230	0	3538	1	5846	1	8154	0	10462	1	12770	0
1231	0	3539	1	5847	1	8155	1	10463	1	12771	0
1232	1	3540	0	5848	0	8156	0	10464	0	12772	1
1233	0	3541	1	5849	1	8157	0	10465	0	12773	1
1234	1	3542	0	5850	0	8158	1	10466	1	12774	1
1235	0	3543	1	5851	0	8159	0	10467	0	12775	0
1236	1	3544	0	5852	1	8160	1	10468	0	12776	0
1237	1	3545	1	5853	0	8161	1	10469	1	12777	0
1238	1	3546	0	5854	1	8162	0	10470	1	12778	0
1239	1	3547	1	5855	1	8163	0	10471	1	12779	0
1240	1	3548	1	5856	0	8164	0	10472	0	12780	1
1241	0	3549	1	5857	1	8165	0	10473	1	12781	0
1242	1	3550	0	5858	1	8166	1	10474	0	12782	1
1243	0	3551	0	5859	0	8167	1	10475	1	12783	1
1244	0	3552	0	5860	0	8168	1	10476	1	12784	1
1245	0	3553	0	5861	1	8169	1	10477	0	12785	1
1246	1	3554	1	5862	0	8170	1	10478	1	12786	1
1247	1	3555	0	5863	0	8171	1	10479	0	12787	1
1248	0	3556	0	5864	0	8172	0	10480	0	12788	0
1249	0	3557	0	5865	0	8173	1	10481	0	12789	0
1250	1	3558	0	5866	0	8174	1	10482	0	12790	0
1251	0	3559	0	5867	1	8175	1	10483	0	12791	1
1252	1	3560	1	5868	1	8176	0	10484	1	12792	0
1253	1	3561	1	5869	1	8177	1	10485	0	12793	0
1254	1	3562	1	5870	1	8178	0	10486	1	12794	0
1255	1	3563	0	5871	1	8179	0	10487	0	12795	0
1256	0	3564	1	5872	1	8180	0	10488	1	12796	1
1257	0	3565	0	5873	1	8181	1	10489	0	12797	0
1258	0	3566	1	5874	0	8182	0	10490	1	12798	0
1259	1	3567	1	5875	0	8183	1	10491	0	12799	1
1260	0	3568	1	5876	1	8184	0	10492	0	12800	0
1261	1	3569	0	5877	0	8185	1	10493	1	12801	0
1262	0	3570	1	5878	0	8186	1	10494	0	12802	1
1263	0	3571	1	5879	0	8187	1	10495	1	12803	1
1264	1	3572	0	5880	1	8188	0	10496	0	12804	1
1265	0	3573	0	5881	1	8189	0	10497	0	12805	0
1266	1	3574	0	5882	1	8190	0	10498	1	12806	1
1267	0	3575	1	5883	0	8191	1	10499	0	12807	0
1268	0	3576	1	5884	1	8192	0	10500	0	12808	0

1269	0	3577	1	5885	1	8193	0	10501	1	12809	1
1270	1	3578	1	5886	0	8194	1	10502	1	12810	1
1271	1	3579	0	5887	0	8195	1	10503	1	12811	0
1272	1	3580	1	5888	1	8196	1	10504	1	12812	0
1273	0	3581	1	5889	0	8197	1	10505	0	12813	0
1274	1	3582	1	5890	1	8198	0	10506	1	12814	0
1275	1	3583	0	5891	1	8199	1	10507	0	12815	1
1276	0	3584	1	5892	0	8200	0	10508	1	12816	1
1277	0	3585	0	5893	1	8201	0	10509	0	12817	0
1278	1	3586	0	5894	0	8202	1	10510	0	12818	1
1279	1	3587	1	5895	0	8203	1	10511	0	12819	0
1280	0	3588	0	5896	1	8204	1	10512	0	12820	0
1281	1	3589	1	5897	1	8205	1	10513	1	12821	0
1282	0	3590	0	5898	1	8206	0	10514	0	12822	1
1283	0	3591	0	5899	1	8207	1	10515	0	12823	1
1284	1	3592	0	5900	0	8208	1	10516	0	12824	1
1285	1	3593	0	5901	1	8209	1	10517	1	12825	0
1286	0	3594	1	5902	1	8210	0	10518	1	12826	0
1287	0	3595	1	5903	0	8211	1	10519	1	12827	1
1288	0	3596	0	5904	1	8212	1	10520	0	12828	1
1289	0	3597	0	5905	0	8213	1	10521	1	12829	0
1290	1	3598	1	5906	0	8214	0	10522	0	12830	1
1291	0	3599	1	5907	1	8215	1	10523	1	12831	1
1292	0	3600	1	5908	0	8216	0	10524	1	12832	0
1293	0	3601	0	5909	1	8217	0	10525	1	12833	0
1294	0	3602	0	5910	1	8218	0	10526	1	12834	1
1295	1	3603	0	5911	1	8219	1	10527	1	12835	1
1296	0	3604	0	5912	0	8220	0	10528	1	12836	0
1297	1	3605	1	5913	0	8221	1	10529	1	12837	0
1298	0	3606	0	5914	0	8222	0	10530	1	12838	0
1299	1	3607	1	5915	1	8223	0	10531	1	12839	1
1300	1	3608	0	5916	0	8224	0	10532	0	12840	1
1301	0	3609	0	5917	0	8225	1	10533	0	12841	1
1302	0	3610	0	5918	0	8226	1	10534	0	12842	1
1303	1	3611	1	5919	1	8227	1	10535	0	12843	1
1304	0	3612	0	5920	1	8228	1	10536	0	12844	0
1305	0	3613	1	5921	1	8229	0	10537	1	12845	0
1306	1	3614	1	5922	1	8230	0	10538	0	12846	0
1307	0	3615	1	5923	1	8231	1	10539	1	12847	0
1308	0	3616	0	5924	1	8232	1	10540	1	12848	1
1309	0	3617	0	5925	1	8233	1	10541	1	12849	0
1310	1	3618	0	5926	1	8234	1	10542	1	12850	1
1311	1	3619	0	5927	1	8235	1	10543	0	12851	0
1312	1	3620	1	5928	0	8236	1	10544	1	12852	0

1313	1	3621	0	5929	0	8237	0	10545	1	12853	1
1314	0	3622	1	5930	0	8238	1	10546	0	12854	1
1315	0	3623	0	5931	0	8239	1	10547	1	12855	0
1316	0	3624	1	5932	1	8240	0	10548	0	12856	0
1317	1	3625	0	5933	1	8241	0	10549	1	12857	1
1318	0	3626	1	5934	0	8242	1	10550	0	12858	0
1319	1	3627	0	5935	1	8243	1	10551	1	12859	1
1320	0	3628	1	5936	0	8244	1	10552	0	12860	0
1321	0	3629	0	5937	0	8245	0	10553	0	12861	0
1322	1	3630	1	5938	1	8246	1	10554	1	12862	1
1323	1	3631	0	5939	0	8247	1	10555	0	12863	1
1324	0	3632	0	5940	0	8248	1	10556	0	12864	1
1325	0	3633	0	5941	0	8249	0	10557	0	12865	1
1326	0	3634	1	5942	0	8250	0	10558	0	12866	1
1327	1	3635	0	5943	1	8251	1	10559	1	12867	1
1328	1	3636	1	5944	0	8252	1	10560	0	12868	1
1329	0	3637	0	5945	1	8253	1	10561	1	12869	1
1330	1	3638	1	5946	1	8254	1	10562	1	12870	0
1331	0	3639	1	5947	1	8255	1	10563	0	12871	1
1332	0	3640	1	5948	1	8256	1	10564	0	12872	1
1333	1	3641	1	5949	1	8257	1	10565	1	12873	1
1334	0	3642	0	5950	0	8258	0	10566	1	12874	0
1335	0	3643	1	5951	0	8259	0	10567	1	12875	1
1336	0	3644	0	5952	0	8260	1	10568	0	12876	1
1337	0	3645	0	5953	0	8261	1	10569	0	12877	0
1338	1	3646	0	5954	0	8262	1	10570	0	12878	1
1339	0	3647	1	5955	0	8263	1	10571	1	12879	0
1340	1	3648	1	5956	0	8264	0	10572	1	12880	0
1341	1	3649	0	5957	0	8265	0	10573	1	12881	1
1342	0	3650	1	5958	1	8266	0	10574	0	12882	1
1343	0	3651	0	5959	0	8267	0	10575	0	12883	0
1344	1	3652	0	5960	1	8268	1	10576	1	12884	0
1345	0	3653	0	5961	0	8269	0	10577	1	12885	1
1346	0	3654	0	5962	0	8270	0	10578	1	12886	1
1347	1	3655	0	5963	1	8271	1	10579	0	12887	1
1348	0	3656	1	5964	0	8272	1	10580	1	12888	0
1349	1	3657	1	5965	0	8273	1	10581	1	12889	1
1350	1	3658	1	5966	0	8274	0	10582	1	12890	0
1351	0	3659	1	5967	1	8275	0	10583	1	12891	0
1352	1	3660	0	5968	0	8276	1	10584	0	12892	1
1353	0	3661	1	5969	0	8277	1	10585	1	12893	1
1354	1	3662	1	5970	1	8278	1	10586	0	12894	0
1355	0	3663	1	5971	0	8279	0	10587	0	12895	1
1356	0	3664	1	5972	0	8280	1	10588	1	12896	0

1357	1	3665	0	5973	1	8281	0	10589	0	12897	0
1358	0	3666	0	5974	0	8282	1	10590	0	12898	0
1359	1	3667	0	5975	0	8283	1	10591	0	12899	0
1360	0	3668	0	5976	0	8284	1	10592	0	12900	1
1361	0	3669	0	5977	0	8285	1	10593	1	12901	1
1362	0	3670	1	5978	0	8286	1	10594	0	12902	0
1363	0	3671	1	5979	1	8287	0	10595	1	12903	0
1364	1	3672	1	5980	1	8288	1	10596	0	12904	1
1365	1	3673	0	5981	1	8289	1	10597	0	12905	1
1366	0	3674	0	5982	0	8290	1	10598	0	12906	0
1367	0	3675	1	5983	0	8291	1	10599	0	12907	0
1368	1	3676	1	5984	1	8292	0	10600	1	12908	1
1369	0	3677	1	5985	1	8293	1	10601	1	12909	0
1370	1	3678	1	5986	1	8294	0	10602	1	12910	1
1371	1	3679	1	5987	0	8295	1	10603	0	12911	1
1372	0	3680	0	5988	1	8296	0	10604	1	12912	1
1373	1	3681	1	5989	1	8297	1	10605	0	12913	0
1374	1	3682	0	5990	0	8298	0	10606	0	12914	1
1375	0	3683	0	5991	0	8299	1	10607	0	12915	0
1376	1	3684	1	5992	0	8300	0	10608	1	12916	0
1377	0	3685	0	5993	1	8301	0	10609	1	12917	1
1378	0	3686	1	5994	1	8302	1	10610	1	12918	1
1379	1	3687	1	5995	1	8303	0	10611	0	12919	0
1380	1	3688	1	5996	1	8304	1	10612	1	12920	1
1381	1	3689	0	5997	0	8305	1	10613	1	12921	0
1382	1	3690	1	5998	0	8306	0	10614	0	12922	1
1383	1	3691	0	5999	1	8307	0	10615	1	12923	1
1384	0	3692	0	6000	1	8308	1	10616	1	12924	1
1385	0	3693	0	6001	0	8309	1	10617	0	12925	0
1386	0	3694	1	6002	1	8310	1	10618	0	12926	1
1387	1	3695	0	6003	0	8311	0	10619	1	12927	0
1388	0	3696	0	6004	1	8312	1	10620	0	12928	1
1389	0	3697	1	6005	1	8313	1	10621	0	12929	1
1390	1	3698	0	6006	1	8314	1	10622	1	12930	1
1391	1	3699	0	6007	0	8315	0	10623	0	12931	0
1392	1	3700	0	6008	0	8316	0	10624	0	12932	0
1393	0	3701	1	6009	0	8317	1	10625	0	12933	0
1394	1	3702	0	6010	1	8318	0	10626	0	12934	1
1395	1	3703	1	6011	0	8319	1	10627	1	12935	0
1396	0	3704	1	6012	0	8320	0	10628	1	12936	0
1397	0	3705	1	6013	1	8321	1	10629	0	12937	0
1398	1	3706	1	6014	1	8322	0	10630	1	12938	1
1399	0	3707	1	6015	1	8323	1	10631	0	12939	1
1400	1	3708	0	6016	1	8324	1	10632	1	12940	0

1401	1	3709	1	6017	0	8325	1	10633	1	12941	1
1402	1	3710	0	6018	0	8326	1	10634	1	12942	1
1403	0	3711	1	6019	1	8327	1	10635	1	12943	0
1404	0	3712	0	6020	1	8328	1	10636	1	12944	1
1405	0	3713	0	6021	1	8329	1	10637	0	12945	1
1406	1	3714	0	6022	0	8330	1	10638	0	12946	0
1407	0	3715	1	6023	1	8331	0	10639	0	12947	1
1408	1	3716	0	6024	0	8332	0	10640	0	12948	0
1409	0	3717	1	6025	0	8333	0	10641	1	12949	1
1410	1	3718	0	6026	0	8334	0	10642	0	12950	0
1411	0	3719	1	6027	1	8335	0	10643	1	12951	1
1412	0	3720	0	6028	1	8336	1	10644	0	12952	0
1413	1	3721	0	6029	1	8337	0	10645	0	12953	0
1414	0	3722	1	6030	0	8338	1	10646	1	12954	0
1415	0	3723	1	6031	0	8339	1	10647	1	12955	1
1416	1	3724	1	6032	0	8340	0	10648	1	12956	0
1417	1	3725	1	6033	0	8341	1	10649	0	12957	0
1418	0	3726	1	6034	1	8342	1	10650	0	12958	0
1419	0	3727	1	6035	0	8343	1	10651	0	12959	1
1420	0	3728	1	6036	1	8344	1	10652	1	12960	1
1421	1	3729	1	6037	0	8345	0	10653	1	12961	0
1422	0	3730	0	6038	0	8346	0	10654	1	12962	1
1423	0	3731	1	6039	0	8347	1	10655	0	12963	0
1424	1	3732	1	6040	0	8348	1	10656	1	12964	0
1425	1	3733	1	6041	0	8349	1	10657	1	12965	0
1426	0	3734	1	6042	0	8350	1	10658	1	12966	0
1427	0	3735	1	6043	1	8351	0	10659	0	12967	0
1428	1	3736	0	6044	0	8352	0	10660	1	12968	0
1429	1	3737	0	6045	1	8353	1	10661	0	12969	1
1430	0	3738	0	6046	1	8354	0	10662	0	12970	0
1431	1	3739	1	6047	1	8355	0	10663	1	12971	0
1432	0	3740	1	6048	1	8356	0	10664	0	12972	1
1433	1	3741	0	6049	1	8357	1	10665	0	12973	0
1434	0	3742	1	6050	0	8358	1	10666	1	12974	1
1435	0	3743	0	6051	1	8359	0	10667	0	12975	1
1436	0	3744	1	6052	1	8360	0	10668	0	12976	0
1437	0	3745	1	6053	1	8361	0	10669	1	12977	0
1438	1	3746	1	6054	1	8362	1	10670	1	12978	0
1439	0	3747	1	6055	0	8363	1	10671	1	12979	1
1440	0	3748	1	6056	0	8364	1	10672	0	12980	0
1441	1	3749	1	6057	1	8365	0	10673	1	12981	1
1442	0	3750	0	6058	0	8366	0	10674	0	12982	0
1443	1	3751	1	6059	1	8367	1	10675	1	12983	1
1444	1	3752	0	6060	0	8368	1	10676	1	12984	0

1445	0	3753	0	6061	0	8369	1	10677	0	12985	1
1446	0	3754	1	6062	0	8370	0	10678	0	12986	0
1447	1	3755	0	6063	1	8371	0	10679	0	12987	1
1448	0	3756	1	6064	0	8372	1	10680	0	12988	1
1449	0	3757	0	6065	1	8373	1	10681	1	12989	1
1450	1	3758	1	6066	1	8374	0	10682	0	12990	0
1451	0	3759	0	6067	1	8375	1	10683	0	12991	0
1452	0	3760	0	6068	0	8376	1	10684	0	12992	1
1453	0	3761	0	6069	1	8377	0	10685	1	12993	1
1454	1	3762	1	6070	0	8378	0	10686	0	12994	1
1455	0	3763	0	6071	1	8379	1	10687	1	12995	1
1456	1	3764	0	6072	1	8380	0	10688	1	12996	1
1457	0	3765	0	6073	0	8381	1	10689	1	12997	0
1458	0	3766	1	6074	0	8382	1	10690	0	12998	1
1459	0	3767	0	6075	1	8383	1	10691	1	12999	0
1460	0	3768	0	6076	1	8384	0	10692	0	13000	1
1461	0	3769	1	6077	1	8385	1	10693	0	13001	0
1462	1	3770	0	6078	1	8386	1	10694	1	13002	0
1463	0	3771	0	6079	1	8387	0	10695	0	13003	1
1464	1	3772	0	6080	0	8388	1	10696	1	13004	1
1465	0	3773	0	6081	0	8389	0	10697	1	13005	1
1466	0	3774	0	6082	1	8390	1	10698	0	13006	1
1467	0	3775	0	6083	1	8391	1	10699	0	13007	0
1468	1	3776	1	6084	0	8392	0	10700	0	13008	0
1469	1	3777	1	6085	1	8393	0	10701	0	13009	0
1470	0	3778	0	6086	0	8394	1	10702	1	13010	0
1471	0	3779	0	6087	1	8395	1	10703	1	13011	1
1472	0	3780	0	6088	1	8396	0	10704	0	13012	0
1473	1	3781	0	6089	1	8397	1	10705	1	13013	0
1474	1	3782	1	6090	0	8398	0	10706	0	13014	0
1475	1	3783	0	6091	0	8399	0	10707	1	13015	0
1476	1	3784	1	6092	1	8400	1	10708	1	13016	1
1477	1	3785	0	6093	0	8401	0	10709	0	13017	1
1478	1	3786	1	6094	0	8402	1	10710	1	13018	1
1479	1	3787	0	6095	1	8403	0	10711	0	13019	1
1480	1	3788	0	6096	0	8404	1	10712	1	13020	0
1481	1	3789	0	6097	1	8405	1	10713	1	13021	0
1482	1	3790	1	6098	0	8406	0	10714	1	13022	0
1483	1	3791	1	6099	0	8407	1	10715	0	13023	0
1484	0	3792	1	6100	1	8408	0	10716	1	13024	0
1485	1	3793	0	6101	0	8409	0	10717	1	13025	1
1486	0	3794	0	6102	0	8410	0	10718	1	13026	1
1487	1	3795	1	6103	0	8411	0	10719	0	13027	1
1488	1	3796	1	6104	1	8412	1	10720	0	13028	1

1489	0	3797	1	6105	0	8413	1	10721	1	13029	0
1490	1	3798	1	6106	1	8414	0	10722	1	13030	1
1491	1	3799	0	6107	0	8415	1	10723	0	13031	0
1492	1	3800	0	6108	0	8416	1	10724	0	13032	1
1493	0	3801	0	6109	0	8417	1	10725	1	13033	1
1494	1	3802	1	6110	1	8418	0	10726	1	13034	1
1495	1	3803	0	6111	0	8419	0	10727	1	13035	0
1496	1	3804	1	6112	1	8420	1	10728	1	13036	1
1497	1	3805	1	6113	1	8421	0	10729	1	13037	1
1498	0	3806	1	6114	0	8422	0	10730	1	13038	0
1499	0	3807	1	6115	1	8423	0	10731	0	13039	1
1500	0	3808	0	6116	0	8424	0	10732	1	13040	1
1501	0	3809	0	6117	1	8425	0	10733	0	13041	1
1502	1	3810	1	6118	0	8426	1	10734	1	13042	1
1503	1	3811	0	6119	1	8427	1	10735	0	13043	0
1504	1	3812	0	6120	0	8428	0	10736	0	13044	1
1505	1	3813	0	6121	0	8429	1	10737	1	13045	0
1506	0	3814	1	6122	0	8430	0	10738	0	13046	1
1507	0	3815	1	6123	0	8431	1	10739	1	13047	0
1508	1	3816	0	6124	0	8432	0	10740	0	13048	0
1509	0	3817	0	6125	1	8433	0	10741	0	13049	1
1510	1	3818	0	6126	1	8434	1	10742	0	13050	0
1511	1	3819	1	6127	0	8435	1	10743	0	13051	0
1512	1	3820	0	6128	1	8436	1	10744	1	13052	0
1513	1	3821	1	6129	1	8437	0	10745	0	13053	1
1514	0	3822	1	6130	1	8438	1	10746	0	13054	0
1515	1	3823	1	6131	1	8439	1	10747	1	13055	1
1516	0	3824	1	6132	0	8440	0	10748	1	13056	1
1517	1	3825	0	6133	1	8441	1	10749	1	13057	0
1518	0	3826	1	6134	0	8442	0	10750	0	13058	0
1519	0	3827	1	6135	0	8443	1	10751	1	13059	1
1520	0	3828	0	6136	0	8444	0	10752	0	13060	1
1521	1	3829	1	6137	0	8445	0	10753	0	13061	0
1522	0	3830	1	6138	0	8446	1	10754	0	13062	0
1523	1	3831	0	6139	0	8447	1	10755	1	13063	1
1524	1	3832	0	6140	0	8448	0	10756	1	13064	1
1525	1	3833	1	6141	0	8449	0	10757	1	13065	0
1526	0	3834	0	6142	0	8450	0	10758	1	13066	1
1527	1	3835	0	6143	1	8451	0	10759	1	13067	0
1528	1	3836	1	6144	1	8452	0	10760	1	13068	0
1529	0	3837	1	6145	1	8453	0	10761	1	13069	1
1530	0	3838	0	6146	1	8454	1	10762	1	13070	1
1531	1	3839	0	6147	0	8455	0	10763	1	13071	0
1532	1	3840	0	6148	1	8456	0	10764	0	13072	1

1533	0	3841	0	6149	1	8457	0	10765	1	13073	1
1534	1	3842	1	6150	0	8458	0	10766	0	13074	0
1535	0	3843	1	6151	0	8459	1	10767	1	13075	0
1536	0	3844	1	6152	0	8460	1	10768	0	13076	1
1537	1	3845	0	6153	0	8461	1	10769	0	13077	1
1538	0	3846	1	6154	0	8462	1	10770	0	13078	0
1539	0	3847	1	6155	1	8463	1	10771	1	13079	0
1540	1	3848	0	6156	0	8464	1	10772	1	13080	0
1541	1	3849	0	6157	0	8465	1	10773	0	13081	0
1542	1	3850	0	6158	1	8466	1	10774	1	13082	0
1543	0	3851	1	6159	1	8467	1	10775	0	13083	1
1544	1	3852	0	6160	0	8468	1	10776	1	13084	0
1545	0	3853	0	6161	0	8469	1	10777	0	13085	0
1546	0	3854	1	6162	0	8470	1	10778	0	13086	1
1547	0	3855	1	6163	1	8471	0	10779	0	13087	0
1548	0	3856	0	6164	0	8472	0	10780	0	13088	1
1549	0	3857	1	6165	1	8473	0	10781	0	13089	1
1550	1	3858	0	6166	0	8474	0	10782	0	13090	0
1551	1	3859	0	6167	1	8475	0	10783	0	13091	0
1552	0	3860	0	6168	1	8476	0	10784	1	13092	0
1553	0	3861	0	6169	0	8477	0	10785	0	13093	1
1554	0	3862	0	6170	0	8478	0	10786	0	13094	1
1555	1	3863	1	6171	1	8479	1	10787	0	13095	0
1556	1	3864	1	6172	1	8480	1	10788	0	13096	1
1557	0	3865	1	6173	0	8481	1	10789	0	13097	1
1558	1	3866	1	6174	1	8482	0	10790	0	13098	1
1559	0	3867	0	6175	0	8483	1	10791	0	13099	0
1560	0	3868	0	6176	1	8484	1	10792	0	13100	1
1561	1	3869	0	6177	1	8485	0	10793	1	13101	1
1562	0	3870	0	6178	1	8486	0	10794	0	13102	1
1563	1	3871	0	6179	0	8487	0	10795	1	13103	0
1564	1	3872	0	6180	0	8488	0	10796	0	13104	1
1565	0	3873	0	6181	1	8489	0	10797	0	13105	1
1566	0	3874	1	6182	0	8490	1	10798	1	13106	0
1567	1	3875	1	6183	0	8491	0	10799	0	13107	1
1568	1	3876	0	6184	0	8492	0	10800	0	13108	1
1569	1	3877	1	6185	0	8493	1	10801	1	13109	0
1570	0	3878	1	6186	0	8494	0	10802	0	13110	1
1571	1	3879	1	6187	1	8495	0	10803	1	13111	0
1572	0	3880	1	6188	1	8496	0	10804	1	13112	0
1573	0	3881	1	6189	1	8497	0	10805	1	13113	0
1574	1	3882	1	6190	1	8498	1	10806	0	13114	0
1575	0	3883	1	6191	0	8499	1	10807	0	13115	0
1576	1	3884	1	6192	0	8500	0	10808	1	13116	0

1577	1	3885	0	6193	1	8501	0	10809	1	13117	0
1578	1	3886	0	6194	1	8502	1	10810	0	13118	0
1579	0	3887	0	6195	1	8503	1	10811	1	13119	1
1580	0	3888	1	6196	0	8504	0	10812	0	13120	0
1581	0	3889	0	6197	1	8505	1	10813	1	13121	1
1582	1	3890	1	6198	0	8506	1	10814	1	13122	1
1583	0	3891	1	6199	1	8507	1	10815	0	13123	1
1584	0	3892	1	6200	1	8508	0	10816	0	13124	0
1585	1	3893	1	6201	0	8509	1	10817	0	13125	0
1586	1	3894	1	6202	1	8510	1	10818	1	13126	1
1587	1	3895	0	6203	0	8511	1	10819	1	13127	1
1588	0	3896	0	6204	1	8512	0	10820	0	13128	1
1589	1	3897	0	6205	1	8513	1	10821	1	13129	0
1590	1	3898	0	6206	0	8514	0	10822	0	13130	1
1591	1	3899	0	6207	1	8515	0	10823	0	13131	1
1592	0	3900	0	6208	1	8516	0	10824	1	13132	0
1593	0	3901	0	6209	0	8517	0	10825	1	13133	1
1594	0	3902	1	6210	0	8518	1	10826	0	13134	0
1595	1	3903	1	6211	1	8519	0	10827	1	13135	1
1596	1	3904	0	6212	1	8520	1	10828	0	13136	0
1597	0	3905	1	6213	1	8521	0	10829	0	13137	1
1598	0	3906	1	6214	0	8522	1	10830	0	13138	1
1599	1	3907	0	6215	0	8523	0	10831	0	13139	1
1600	1	3908	0	6216	1	8524	0	10832	1	13140	0
1601	0	3909	1	6217	1	8525	1	10833	1	13141	0
1602	1	3910	0	6218	0	8526	0	10834	1	13142	1
1603	1	3911	0	6219	0	8527	1	10835	0	13143	0
1604	1	3912	1	6220	0	8528	1	10836	0	13144	1
1605	0	3913	1	6221	1	8529	1	10837	1	13145	0
1606	1	3914	0	6222	0	8530	0	10838	0	13146	0
1607	1	3915	0	6223	0	8531	0	10839	0	13147	1
1608	1	3916	0	6224	0	8532	1	10840	1	13148	0
1609	0	3917	0	6225	0	8533	0	10841	1	13149	0
1610	1	3918	0	6226	0	8534	1	10842	0	13150	0
1611	0	3919	0	6227	1	8535	0	10843	0	13151	0
1612	1	3920	1	6228	1	8536	1	10844	0	13152	1
1613	1	3921	1	6229	0	8537	1	10845	0	13153	0
1614	1	3922	1	6230	1	8538	0	10846	0	13154	1
1615	1	3923	0	6231	1	8539	0	10847	0	13155	1
1616	1	3924	1	6232	0	8540	0	10848	0	13156	0
1617	1	3925	1	6233	1	8541	1	10849	1	13157	0
1618	1	3926	1	6234	0	8542	1	10850	1	13158	1
1619	0	3927	1	6235	1	8543	0	10851	0	13159	0
1620	1	3928	0	6236	0	8544	0	10852	1	13160	0

1621	0	3929	0	6237	1	8545	0	10853	0	13161	1
1622	1	3930	1	6238	0	8546	1	10854	1	13162	1
1623	0	3931	0	6239	1	8547	0	10855	1	13163	0
1624	0	3932	0	6240	1	8548	0	10856	0	13164	0
1625	0	3933	1	6241	0	8549	1	10857	1	13165	0
1626	1	3934	0	6242	1	8550	0	10858	1	13166	0
1627	0	3935	0	6243	1	8551	0	10859	0	13167	0
1628	1	3936	1	6244	0	8552	0	10860	1	13168	1
1629	1	3937	1	6245	0	8553	0	10861	1	13169	0
1630	0	3938	0	6246	0	8554	0	10862	1	13170	1
1631	0	3939	0	6247	0	8555	0	10863	1	13171	1
1632	0	3940	0	6248	0	8556	1	10864	0	13172	0
1633	0	3941	1	6249	1	8557	1	10865	1	13173	0
1634	0	3942	0	6250	1	8558	1	10866	0	13174	0
1635	1	3943	1	6251	0	8559	1	10867	1	13175	0
1636	1	3944	1	6252	1	8560	0	10868	0	13176	1
1637	1	3945	1	6253	1	8561	0	10869	0	13177	1
1638	0	3946	0	6254	1	8562	0	10870	1	13178	0
1639	1	3947	0	6255	1	8563	1	10871	0	13179	1
1640	0	3948	1	6256	1	8564	0	10872	0	13180	0
1641	1	3949	1	6257	0	8565	1	10873	1	13181	0
1642	1	3950	0	6258	0	8566	1	10874	1	13182	1
1643	1	3951	0	6259	1	8567	0	10875	0	13183	0
1644	0	3952	0	6260	1	8568	0	10876	1	13184	0
1645	1	3953	0	6261	1	8569	1	10877	0	13185	1
1646	1	3954	0	6262	1	8570	1	10878	0	13186	1
1647	0	3955	1	6263	1	8571	1	10879	1	13187	0
1648	1	3956	0	6264	1	8572	0	10880	1	13188	1
1649	0	3957	1	6265	0	8573	1	10881	0	13189	1
1650	0	3958	0	6266	0	8574	0	10882	0	13190	1
1651	1	3959	0	6267	0	8575	0	10883	1	13191	0
1652	1	3960	0	6268	0	8576	0	10884	1	13192	0
1653	0	3961	0	6269	1	8577	1	10885	0	13193	0
1654	0	3962	1	6270	0	8578	0	10886	1	13194	0
1655	1	3963	1	6271	1	8579	1	10887	1	13195	0
1656	1	3964	0	6272	1	8580	1	10888	0	13196	1
1657	0	3965	1	6273	0	8581	0	10889	0	13197	1
1658	0	3966	1	6274	1	8582	1	10890	0	13198	0
1659	1	3967	0	6275	1	8583	0	10891	1	13199	0
1660	1	3968	1	6276	0	8584	1	10892	1	13200	0
1661	0	3969	0	6277	1	8585	0	10893	0	13201	1
1662	0	3970	0	6278	1	8586	1	10894	0	13202	0
1663	1	3971	0	6279	1	8587	1	10895	1	13203	0
1664	1	3972	1	6280	0	8588	0	10896	1	13204	0

1665	1	3973	1	6281	1	8589	0	10897	0	13205	0
1666	1	3974	0	6282	1	8590	1	10898	0	13206	0
1667	0	3975	1	6283	0	8591	1	10899	0	13207	0
1668	1	3976	1	6284	0	8592	1	10900	1	13208	1
1669	1	3977	0	6285	0	8593	1	10901	1	13209	0
1670	1	3978	1	6286	0	8594	1	10902	1	13210	0
1671	0	3979	1	6287	1	8595	1	10903	0	13211	0
1672	1	3980	0	6288	1	8596	0	10904	0	13212	1
1673	1	3981	0	6289	0	8597	0	10905	0	13213	0
1674	0	3982	0	6290	1	8598	0	10906	0	13214	1
1675	1	3983	0	6291	0	8599	0	10907	0	13215	0
1676	0	3984	0	6292	0	8600	0	10908	0	13216	0
1677	0	3985	1	6293	1	8601	1	10909	0	13217	1
1678	0	3986	0	6294	0	8602	0	10910	0	13218	1
1679	0	3987	1	6295	1	8603	1	10911	1	13219	0
1680	1	3988	1	6296	1	8604	0	10912	0	13220	1
1681	1	3989	0	6297	0	8605	1	10913	0	13221	1
1682	0	3990	1	6298	0	8606	1	10914	0	13222	1
1683	1	3991	1	6299	0	8607	1	10915	0	13223	1
1684	0	3992	0	6300	1	8608	1	10916	0	13224	1
1685	1	3993	0	6301	0	8609	1	10917	0	13225	1
1686	1	3994	0	6302	1	8610	1	10918	1	13226	1
1687	1	3995	0	6303	1	8611	1	10919	1	13227	1
1688	1	3996	1	6304	0	8612	1	10920	1	13228	1
1689	1	3997	0	6305	0	8613	1	10921	1	13229	1
1690	0	3998	1	6306	0	8614	0	10922	1	13230	0
1691	1	3999	1	6307	1	8615	0	10923	0	13231	0
1692	1	4000	0	6308	1	8616	1	10924	0	13232	1
1693	1	4001	1	6309	0	8617	1	10925	1	13233	0
1694	1	4002	0	6310	1	8618	1	10926	1	13234	1
1695	0	4003	1	6311	0	8619	0	10927	1	13235	0
1696	0	4004	1	6312	0	8620	0	10928	1	13236	0
1697	0	4005	1	6313	0	8621	0	10929	1	13237	0
1698	1	4006	0	6314	0	8622	0	10930	0	13238	0
1699	0	4007	0	6315	0	8623	1	10931	0	13239	1
1700	1	4008	1	6316	0	8624	0	10932	0	13240	1
1701	0	4009	1	6317	0	8625	1	10933	1	13241	0
1702	1	4010	1	6318	1	8626	0	10934	1	13242	0
1703	1	4011	1	6319	1	8627	0	10935	0	13243	0
1704	0	4012	0	6320	0	8628	1	10936	1	13244	1
1705	0	4013	0	6321	0	8629	1	10937	0	13245	0
1706	1	4014	0	6322	1	8630	1	10938	0	13246	1
1707	1	4015	1	6323	0	8631	0	10939	1	13247	0
1708	1	4016	1	6324	1	8632	1	10940	1	13248	1

1709	1	4017	1	6325	0	8633	0	10941	0	13249	1
1710	1	4018	0	6326	1	8634	1	10942	1	13250	1
1711	1	4019	1	6327	1	8635	0	10943	0	13251	1
1712	1	4020	0	6328	0	8636	0	10944	0	13252	0
1713	0	4021	0	6329	1	8637	0	10945	1	13253	0
1714	1	4022	1	6330	0	8638	1	10946	0	13254	0
1715	1	4023	1	6331	1	8639	0	10947	1	13255	0
1716	1	4024	1	6332	1	8640	1	10948	1	13256	0
1717	1	4025	1	6333	1	8641	0	10949	1	13257	0
1718	1	4026	1	6334	0	8642	0	10950	1	13258	1
1719	0	4027	1	6335	0	8643	1	10951	0	13259	1
1720	1	4028	1	6336	0	8644	1	10952	0	13260	0
1721	1	4029	1	6337	1	8645	0	10953	1	13261	0
1722	0	4030	0	6338	1	8646	0	10954	0	13262	0
1723	1	4031	1	6339	0	8647	0	10955	1	13263	1
1724	0	4032	0	6340	1	8648	0	10956	0	13264	1
1725	0	4033	0	6341	1	8649	0	10957	1	13265	0
1726	1	4034	1	6342	0	8650	1	10958	1	13266	0
1727	1	4035	1	6343	1	8651	1	10959	1	13267	0
1728	0	4036	1	6344	0	8652	0	10960	0	13268	1
1729	0	4037	1	6345	1	8653	1	10961	0	13269	1
1730	0	4038	1	6346	1	8654	0	10962	1	13270	1
1731	1	4039	0	6347	1	8655	1	10963	0	13271	1
1732	0	4040	0	6348	1	8656	1	10964	0	13272	1
1733	0	4041	0	6349	0	8657	1	10965	0	13273	0
1734	1	4042	1	6350	1	8658	1	10966	0	13274	1
1735	1	4043	0	6351	0	8659	0	10967	0	13275	1
1736	1	4044	1	6352	0	8660	0	10968	1	13276	0
1737	0	4045	0	6353	0	8661	1	10969	0	13277	1
1738	0	4046	0	6354	0	8662	1	10970	0	13278	0
1739	0	4047	1	6355	0	8663	0	10971	1	13279	1
1740	1	4048	1	6356	0	8664	1	10972	0	13280	0
1741	0	4049	1	6357	0	8665	1	10973	0	13281	1
1742	0	4050	1	6358	0	8666	0	10974	1	13282	0
1743	1	4051	1	6359	1	8667	1	10975	1	13283	0
1744	1	4052	1	6360	0	8668	1	10976	0	13284	1
1745	1	4053	0	6361	1	8669	0	10977	0	13285	0
1746	1	4054	1	6362	1	8670	0	10978	0	13286	0
1747	1	4055	0	6363	1	8671	0	10979	1	13287	0
1748	0	4056	1	6364	0	8672	1	10980	0	13288	1
1749	0	4057	0	6365	0	8673	1	10981	1	13289	0
1750	0	4058	0	6366	0	8674	0	10982	1	13290	0
1751	1	4059	0	6367	1	8675	0	10983	0	13291	1
1752	1	4060	1	6368	1	8676	1	10984	1	13292	0

1753	1	4061	1	6369	1	8677	0	10985	0	13293	1
1754	0	4062	1	6370	0	8678	0	10986	0	13294	1
1755	1	4063	0	6371	0	8679	0	10987	0	13295	1
1756	0	4064	0	6372	0	8680	0	10988	0	13296	0
1757	1	4065	1	6373	0	8681	1	10989	1	13297	0
1758	0	4066	1	6374	1	8682	0	10990	1	13298	1
1759	1	4067	1	6375	0	8683	1	10991	1	13299	0
1760	0	4068	0	6376	1	8684	1	10992	0	13300	0
1761	1	4069	0	6377	0	8685	1	10993	1	13301	0
1762	0	4070	0	6378	0	8686	0	10994	0	13302	0
1763	1	4071	1	6379	0	8687	1	10995	1	13303	1
1764	0	4072	1	6380	0	8688	0	10996	1	13304	0
1765	0	4073	1	6381	0	8689	0	10997	0	13305	1
1766	0	4074	1	6382	1	8690	1	10998	1	13306	1
1767	1	4075	1	6383	0	8691	1	10999	1	13307	0
1768	0	4076	0	6384	1	8692	0	11000	1	13308	1
1769	1	4077	0	6385	0	8693	1	11001	0	13309	0
1770	0	4078	1	6386	0	8694	0	11002	1	13310	0
1771	0	4079	1	6387	1	8695	0	11003	0	13311	0
1772	0	4080	1	6388	1	8696	1	11004	0	13312	0
1773	1	4081	1	6389	1	8697	1	11005	0	13313	1
1774	0	4082	1	6390	1	8698	0	11006	1	13314	1
1775	0	4083	0	6391	0	8699	1	11007	0	13315	0
1776	1	4084	0	6392	1	8700	1	11008	0	13316	1
1777	0	4085	1	6393	1	8701	1	11009	0	13317	0
1778	1	4086	0	6394	1	8702	1	11010	0	13318	1
1779	1	4087	0	6395	1	8703	1	11011	0	13319	1
1780	0	4088	1	6396	0	8704	0	11012	1	13320	1
1781	0	4089	1	6397	1	8705	1	11013	1	13321	0
1782	1	4090	0	6398	0	8706	0	11014	0	13322	1
1783	1	4091	1	6399	1	8707	1	11015	1	13323	1
1784	1	4092	1	6400	1	8708	1	11016	1	13324	1
1785	1	4093	1	6401	1	8709	0	11017	1	13325	1
1786	1	4094	0	6402	0	8710	0	11018	0	13326	0
1787	0	4095	0	6403	0	8711	0	11019	1	13327	0
1788	0	4096	1	6404	1	8712	1	11020	1	13328	1
1789	1	4097	1	6405	0	8713	0	11021	1	13329	1
1790	0	4098	1	6406	0	8714	1	11022	1	13330	1
1791	0	4099	0	6407	1	8715	0	11023	1	13331	1
1792	1	4100	1	6408	0	8716	0	11024	1	13332	0
1793	1	4101	0	6409	0	8717	1	11025	0	13333	0
1794	1	4102	0	6410	0	8718	0	11026	1	13334	0
1795	1	4103	0	6411	0	8719	1	11027	1	13335	1
1796	0	4104	0	6412	1	8720	0	11028	0	13336	1

1797	0	4105	1	6413	1	8721	0	11029	1	13337	0
1798	1	4106	1	6414	1	8722	1	11030	0	13338	0
1799	1	4107	1	6415	0	8723	0	11031	1	13339	1
1800	0	4108	1	6416	1	8724	1	11032	1	13340	0
1801	0	4109	0	6417	1	8725	1	11033	1	13341	1
1802	1	4110	1	6418	0	8726	0	11034	0	13342	1
1803	1	4111	0	6419	0	8727	0	11035	1	13343	0
1804	1	4112	1	6420	0	8728	1	11036	1	13344	1
1805	0	4113	0	6421	1	8729	1	11037	0	13345	0
1806	0	4114	0	6422	1	8730	0	11038	0	13346	1
1807	0	4115	1	6423	1	8731	0	11039	0	13347	1
1808	1	4116	1	6424	0	8732	0	11040	0	13348	1
1809	0	4117	0	6425	1	8733	1	11041	0	13349	1
1810	0	4118	0	6426	1	8734	0	11042	0	13350	0
1811	0	4119	1	6427	0	8735	0	11043	1	13351	1
1812	0	4120	0	6428	0	8736	1	11044	1	13352	0
1813	0	4121	1	6429	0	8737	0	11045	1	13353	0
1814	1	4122	0	6430	0	8738	1	11046	1	13354	1
1815	1	4123	0	6431	1	8739	0	11047	1	13355	1
1816	1	4124	0	6432	1	8740	0	11048	1	13356	0
1817	1	4125	0	6433	1	8741	0	11049	1	13357	1
1818	0	4126	1	6434	0	8742	0	11050	1	13358	1
1819	1	4127	0	6435	0	8743	1	11051	1	13359	0
1820	0	4128	0	6436	1	8744	1	11052	0	13360	0
1821	0	4129	1	6437	0	8745	0	11053	0	13361	0
1822	0	4130	0	6438	0	8746	1	11054	1	13362	1
1823	0	4131	1	6439	0	8747	0	11055	1	13363	1
1824	1	4132	1	6440	0	8748	1	11056	1	13364	0
1825	1	4133	1	6441	1	8749	0	11057	0	13365	0
1826	1	4134	1	6442	1	8750	0	11058	0	13366	1
1827	1	4135	0	6443	1	8751	0	11059	1	13367	0
1828	1	4136	1	6444	1	8752	1	11060	0	13368	1
1829	1	4137	1	6445	1	8753	0	11061	0	13369	1
1830	0	4138	1	6446	1	8754	0	11062	1	13370	0
1831	0	4139	0	6447	1	8755	1	11063	0	13371	0
1832	0	4140	0	6448	1	8756	1	11064	1	13372	1
1833	1	4141	1	6449	0	8757	0	11065	1	13373	0
1834	1	4142	0	6450	1	8758	0	11066	1	13374	0
1835	0	4143	0	6451	1	8759	0	11067	0	13375	1
1836	0	4144	0	6452	1	8760	0	11068	0	13376	1
1837	0	4145	0	6453	0	8761	1	11069	1	13377	1
1838	1	4146	1	6454	1	8762	1	11070	0	13378	1
1839	1	4147	0	6455	0	8763	0	11071	0	13379	1
1840	1	4148	1	6456	0	8764	0	11072	1	13380	1

1841	0	4149	1	6457	0	8765	0	11073	0	13381	1
1842	0	4150	0	6458	1	8766	1	11074	1	13382	0
1843	1	4151	1	6459	1	8767	0	11075	1	13383	1
1844	1	4152	0	6460	0	8768	1	11076	1	13384	1
1845	0	4153	1	6461	1	8769	1	11077	1	13385	0
1846	0	4154	0	6462	1	8770	1	11078	0	13386	0
1847	0	4155	1	6463	0	8771	1	11079	1	13387	1
1848	0	4156	0	6464	1	8772	1	11080	0	13388	1
1849	0	4157	0	6465	0	8773	0	11081	0	13389	1
1850	0	4158	1	6466	1	8774	1	11082	0	13390	0
1851	1	4159	1	6467	0	8775	1	11083	1	13391	0
1852	1	4160	0	6468	1	8776	1	11084	1	13392	1
1853	1	4161	1	6469	0	8777	0	11085	0	13393	0
1854	0	4162	0	6470	1	8778	0	11086	0	13394	0
1855	1	4163	1	6471	1	8779	0	11087	0	13395	0
1856	0	4164	1	6472	0	8780	1	11088	0	13396	0
1857	0	4165	0	6473	0	8781	0	11089	1	13397	1
1858	0	4166	0	6474	0	8782	1	11090	0	13398	1
1859	0	4167	0	6475	1	8783	0	11091	1	13399	1
1860	0	4168	0	6476	0	8784	0	11092	1	13400	1
1861	1	4169	1	6477	1	8785	1	11093	0	13401	0
1862	1	4170	1	6478	1	8786	1	11094	0	13402	0
1863	0	4171	1	6479	0	8787	1	11095	0	13403	1
1864	1	4172	0	6480	1	8788	0	11096	0	13404	1
1865	0	4173	0	6481	1	8789	1	11097	1	13405	1
1866	0	4174	1	6482	0	8790	1	11098	1	13406	1
1867	1	4175	1	6483	1	8791	0	11099	1	13407	1
1868	1	4176	1	6484	0	8792	1	11100	1	13408	0
1869	0	4177	0	6485	0	8793	1	11101	1	13409	0
1870	1	4178	0	6486	0	8794	1	11102	0	13410	1
1871	0	4179	1	6487	1	8795	0	11103	1	13411	1
1872	1	4180	1	6488	0	8796	0	11104	0	13412	1
1873	0	4181	1	6489	0	8797	0	11105	1	13413	1
1874	0	4182	1	6490	0	8798	0	11106	1	13414	1
1875	1	4183	1	6491	0	8799	0	11107	0	13415	0
1876	0	4184	1	6492	0	8800	0	11108	0	13416	1
1877	1	4185	0	6493	0	8801	0	11109	1	13417	0
1878	0	4186	1	6494	1	8802	0	11110	1	13418	1
1879	1	4187	1	6495	0	8803	0	11111	1	13419	0
1880	0	4188	1	6496	1	8804	0	11112	1	13420	0
1881	1	4189	1	6497	1	8805	1	11113	0	13421	0
1882	0	4190	1	6498	1	8806	1	11114	1	13422	0
1883	0	4191	0	6499	0	8807	1	11115	0	13423	1
1884	0	4192	1	6500	0	8808	1	11116	0	13424	1

1885	0	4193	1	6501	1	8809	0	11117	1	13425	0
1886	0	4194	1	6502	1	8810	1	11118	0	13426	1
1887	1	4195	0	6503	0	8811	1	11119	0	13427	0
1888	0	4196	1	6504	0	8812	0	11120	0	13428	0
1889	1	4197	1	6505	0	8813	1	11121	1	13429	0
1890	0	4198	0	6506	0	8814	0	11122	1	13430	0
1891	1	4199	0	6507	1	8815	0	11123	0	13431	0
1892	0	4200	0	6508	0	8816	0	11124	0	13432	0
1893	1	4201	1	6509	1	8817	1	11125	1	13433	0
1894	1	4202	1	6510	0	8818	0	11126	1	13434	0
1895	1	4203	1	6511	1	8819	0	11127	1	13435	0
1896	1	4204	1	6512	0	8820	1	11128	0	13436	0
1897	0	4205	0	6513	0	8821	1	11129	0	13437	0
1898	1	4206	1	6514	0	8822	0	11130	0	13438	1
1899	0	4207	0	6515	0	8823	1	11131	0	13439	0
1900	1	4208	0	6516	0	8824	1	11132	1	13440	0
1901	1	4209	0	6517	1	8825	0	11133	0	13441	1
1902	1	4210	1	6518	1	8826	1	11134	0	13442	1
1903	1	4211	1	6519	0	8827	0	11135	1	13443	0
1904	1	4212	0	6520	0	8828	0	11136	0	13444	0
1905	1	4213	0	6521	1	8829	1	11137	0	13445	0
1906	1	4214	0	6522	0	8830	0	11138	1	13446	1
1907	0	4215	0	6523	0	8831	0	11139	1	13447	1
1908	1	4216	0	6524	0	8832	1	11140	1	13448	0
1909	1	4217	1	6525	1	8833	1	11141	1	13449	1
1910	1	4218	0	6526	1	8834	0	11142	1	13450	0
1911	1	4219	0	6527	1	8835	0	11143	1	13451	1
1912	0	4220	1	6528	0	8836	0	11144	0	13452	0
1913	1	4221	1	6529	0	8837	1	11145	1	13453	1
1914	1	4222	0	6530	1	8838	0	11146	1	13454	1
1915	1	4223	1	6531	1	8839	1	11147	0	13455	1
1916	0	4224	0	6532	0	8840	0	11148	1	13456	1
1917	1	4225	0	6533	0	8841	1	11149	0	13457	1
1918	0	4226	1	6534	0	8842	0	11150	1	13458	1
1919	0	4227	0	6535	0	8843	0	11151	1	13459	1
1920	1	4228	0	6536	0	8844	0	11152	1	13460	1
1921	1	4229	1	6537	0	8845	1	11153	1	13461	1
1922	0	4230	0	6538	1	8846	1	11154	1	13462	1
1923	1	4231	0	6539	1	8847	1	11155	1	13463	0
1924	1	4232	1	6540	0	8848	0	11156	0	13464	1
1925	0	4233	1	6541	0	8849	0	11157	0	13465	0
1926	0	4234	1	6542	0	8850	0	11158	1	13466	0
1927	0	4235	0	6543	0	8851	0	11159	1	13467	1
1928	0	4236	1	6544	1	8852	1	11160	0	13468	1

1929	1	4237	1	6545	0	8853	0	11161	1	13469	0
1930	0	4238	0	6546	0	8854	1	11162	0	13470	1
1931	0	4239	1	6547	1	8855	1	11163	0	13471	0
1932	0	4240	0	6548	1	8856	1	11164	0	13472	1
1933	0	4241	0	6549	1	8857	1	11165	0	13473	0
1934	0	4242	1	6550	1	8858	0	11166	0	13474	1
1935	1	4243	1	6551	1	8859	1	11167	0	13475	1
1936	0	4244	1	6552	1	8860	0	11168	0	13476	1
1937	0	4245	0	6553	0	8861	0	11169	0	13477	0
1938	0	4246	0	6554	1	8862	1	11170	1	13478	0
1939	1	4247	0	6555	1	8863	1	11171	0	13479	1
1940	1	4248	0	6556	0	8864	0	11172	0	13480	0
1941	1	4249	0	6557	1	8865	0	11173	1	13481	1
1942	0	4250	1	6558	1	8866	1	11174	1	13482	1
1943	1	4251	0	6559	0	8867	0	11175	0	13483	0
1944	1	4252	0	6560	0	8868	0	11176	0	13484	0
1945	0	4253	1	6561	1	8869	1	11177	1	13485	0
1946	1	4254	1	6562	0	8870	1	11178	1	13486	1
1947	0	4255	1	6563	1	8871	0	11179	1	13487	1
1948	1	4256	1	6564	0	8872	0	11180	1	13488	0
1949	1	4257	1	6565	1	8873	0	11181	1	13489	1
1950	0	4258	1	6566	1	8874	0	11182	1	13490	0
1951	0	4259	0	6567	0	8875	0	11183	1	13491	0
1952	1	4260	1	6568	0	8876	1	11184	1	13492	0
1953	0	4261	0	6569	0	8877	0	11185	1	13493	1
1954	0	4262	0	6570	0	8878	1	11186	0	13494	1
1955	0	4263	0	6571	0	8879	0	11187	1	13495	1
1956	1	4264	0	6572	1	8880	1	11188	0	13496	1
1957	0	4265	1	6573	1	8881	1	11189	0	13497	1
1958	1	4266	1	6574	1	8882	1	11190	1	13498	1
1959	1	4267	0	6575	1	8883	1	11191	1	13499	1
1960	1	4268	1	6576	1	8884	1	11192	0	13500	0
1961	1	4269	0	6577	1	8885	0	11193	0	13501	1
1962	1	4270	0	6578	0	8886	1	11194	0	13502	0
1963	1	4271	0	6579	0	8887	1	11195	0	13503	0
1964	0	4272	0	6580	1	8888	0	11196	0	13504	0
1965	1	4273	1	6581	1	8889	1	11197	0	13505	1
1966	0	4274	1	6582	1	8890	0	11198	1	13506	0
1967	0	4275	0	6583	1	8891	1	11199	0	13507	0
1968	0	4276	1	6584	0	8892	0	11200	1	13508	1
1969	0	4277	1	6585	1	8893	1	11201	1	13509	1
1970	0	4278	1	6586	0	8894	0	11202	0	13510	0
1971	0	4279	1	6587	0	8895	0	11203	0	13511	1
1972	0	4280	1	6588	1	8896	1	11204	0	13512	0

1973	1	4281	0	6589	1	8897	0	11205	0	13513	0
1974	1	4282	0	6590	0	8898	0	11206	0	13514	1
1975	0	4283	0	6591	0	8899	1	11207	1	13515	1
1976	1	4284	1	6592	0	8900	0	11208	0	13516	1
1977	1	4285	1	6593	1	8901	1	11209	1	13517	1
1978	1	4286	1	6594	1	8902	1	11210	0	13518	1
1979	1	4287	0	6595	1	8903	0	11211	0	13519	0
1980	0	4288	1	6596	0	8904	0	11212	0	13520	0
1981	0	4289	0	6597	1	8905	1	11213	1	13521	0
1982	1	4290	1	6598	0	8906	1	11214	1	13522	0
1983	1	4291	1	6599	0	8907	0	11215	1	13523	1
1984	0	4292	0	6600	0	8908	0	11216	1	13524	0
1985	1	4293	1	6601	1	8909	0	11217	1	13525	1
1986	0	4294	0	6602	1	8910	0	11218	1	13526	1
1987	0	4295	1	6603	1	8911	1	11219	1	13527	1
1988	1	4296	0	6604	1	8912	0	11220	0	13528	0
1989	0	4297	1	6605	1	8913	0	11221	0	13529	1
1990	0	4298	1	6606	0	8914	1	11222	1	13530	1
1991	1	4299	0	6607	1	8915	1	11223	1	13531	0
1992	0	4300	1	6608	1	8916	0	11224	1	13532	0
1993	1	4301	0	6609	1	8917	1	11225	0	13533	1
1994	1	4302	0	6610	0	8918	1	11226	1	13534	1
1995	1	4303	1	6611	1	8919	0	11227	1	13535	1
1996	1	4304	0	6612	1	8920	1	11228	0	13536	1
1997	1	4305	1	6613	0	8921	0	11229	0	13537	0
1998	0	4306	1	6614	0	8922	1	11230	1	13538	1
1999	0	4307	0	6615	1	8923	0	11231	1	13539	0
2000	0	4308	1	6616	0	8924	0	11232	0	13540	0
2001	0	4309	1	6617	1	8925	0	11233	0	13541	1
2002	0	4310	1	6618	1	8926	1	11234	0	13542	0
2003	1	4311	0	6619	0	8927	0	11235	1	13543	0
2004	0	4312	1	6620	1	8928	1	11236	0	13544	0
2005	0	4313	0	6621	1	8929	0	11237	1	13545	1
2006	1	4314	0	6622	1	8930	1	11238	0	13546	0
2007	0	4315	1	6623	1	8931	1	11239	1	13547	0
2008	1	4316	1	6624	1	8932	1	11240	1	13548	1
2009	0	4317	0	6625	0	8933	1	11241	0	13549	0
2010	1	4318	1	6626	0	8934	1	11242	0	13550	1
2011	1	4319	1	6627	0	8935	0	11243	0	13551	0
2012	1	4320	1	6628	1	8936	0	11244	1	13552	1
2013	0	4321	0	6629	0	8937	1	11245	0	13553	1
2014	1	4322	1	6630	0	8938	0	11246	0	13554	0
2015	0	4323	0	6631	0	8939	1	11247	1	13555	1
2016	1	4324	0	6632	1	8940	1	11248	0	13556	1

2017	0	4325	0	6633	1	8941	1	11249	1	13557	1
2018	0	4326	0	6634	1	8942	0	11250	0	13558	0
2019	0	4327	0	6635	1	8943	1	11251	1	13559	1
2020	0	4328	0	6636	1	8944	1	11252	0	13560	0
2021	0	4329	1	6637	0	8945	1	11253	0	13561	0
2022	0	4330	1	6638	1	8946	1	11254	1	13562	0
2023	1	4331	1	6639	0	8947	0	11255	0	13563	0
2024	0	4332	0	6640	1	8948	0	11256	0	13564	0
2025	1	4333	1	6641	0	8949	0	11257	1	13565	1
2026	1	4334	0	6642	0	8950	0	11258	0	13566	1
2027	0	4335	1	6643	0	8951	0	11259	1	13567	1
2028	0	4336	0	6644	1	8952	1	11260	1	13568	1
2029	1	4337	1	6645	0	8953	1	11261	1	13569	1
2030	1	4338	0	6646	1	8954	0	11262	1	13570	0
2031	0	4339	0	6647	1	8955	0	11263	0	13571	0
2032	1	4340	1	6648	1	8956	0	11264	1	13572	1
2033	1	4341	1	6649	1	8957	0	11265	1	13573	0
2034	1	4342	1	6650	1	8958	1	11266	0	13574	0
2035	0	4343	0	6651	1	8959	1	11267	1	13575	1
2036	0	4344	1	6652	0	8960	1	11268	0	13576	0
2037	0	4345	1	6653	0	8961	0	11269	0	13577	0
2038	0	4346	0	6654	1	8962	0	11270	1	13578	1
2039	0	4347	1	6655	1	8963	0	11271	0	13579	1
2040	0	4348	0	6656	1	8964	1	11272	1	13580	1
2041	1	4349	0	6657	0	8965	1	11273	1	13581	0
2042	1	4350	1	6658	0	8966	0	11274	1	13582	0
2043	0	4351	0	6659	0	8967	0	11275	1	13583	1
2044	1	4352	0	6660	1	8968	1	11276	0	13584	0
2045	1	4353	1	6661	1	8969	1	11277	0	13585	0
2046	0	4354	0	6662	1	8970	1	11278	0	13586	0
2047	0	4355	1	6663	1	8971	0	11279	1	13587	0
2048	1	4356	1	6664	1	8972	0	11280	1	13588	1
2049	1	4357	0	6665	0	8973	1	11281	0	13589	1
2050	0	4358	0	6666	0	8974	0	11282	1	13590	0
2051	0	4359	1	6667	0	8975	0	11283	0	13591	1
2052	0	4360	0	6668	0	8976	0	11284	0	13592	1
2053	1	4361	1	6669	1	8977	0	11285	1	13593	0
2054	0	4362	1	6670	1	8978	1	11286	0	13594	0
2055	1	4363	1	6671	1	8979	1	11287	0	13595	0
2056	0	4364	0	6672	1	8980	1	11288	0	13596	1
2057	0	4365	1	6673	1	8981	0	11289	1	13597	1
2058	0	4366	1	6674	1	8982	1	11290	1	13598	1
2059	1	4367	1	6675	0	8983	0	11291	1	13599	1
2060	1	4368	0	6676	1	8984	0	11292	1	13600	0

2061	1	4369	0	6677	0	8985	0	11293	1	13601	0
2062	1	4370	0	6678	1	8986	1	11294	0	13602	0
2063	1	4371	0	6679	1	8987	1	11295	0	13603	0
2064	0	4372	1	6680	1	8988	0	11296	1	13604	0
2065	0	4373	1	6681	0	8989	0	11297	0	13605	1
2066	0	4374	0	6682	1	8990	1	11298	0	13606	1
2067	1	4375	0	6683	1	8991	1	11299	0	13607	1
2068	0	4376	1	6684	0	8992	0	11300	0	13608	1
2069	1	4377	1	6685	1	8993	1	11301	1	13609	0
2070	1	4378	0	6686	0	8994	0	11302	1	13610	1
2071	1	4379	0	6687	0	8995	1	11303	1	13611	1
2072	1	4380	1	6688	1	8996	1	11304	1	13612	0
2073	0	4381	1	6689	1	8997	0	11305	0	13613	1
2074	1	4382	1	6690	0	8998	0	11306	1	13614	0
2075	1	4383	0	6691	1	8999	0	11307	1	13615	0
2076	1	4384	0	6692	0	9000	1	11308	1	13616	1
2077	0	4385	0	6693	1	9001	0	11309	0	13617	0
2078	0	4386	0	6694	1	9002	1	11310	1	13618	0
2079	0	4387	0	6695	0	9003	1	11311	1	13619	0
2080	0	4388	1	6696	1	9004	0	11312	1	13620	0
2081	1	4389	0	6697	0	9005	0	11313	0	13621	0
2082	0	4390	0	6698	0	9006	0	11314	0	13622	0
2083	0	4391	1	6699	1	9007	0	11315	0	13623	1
2084	1	4392	0	6700	1	9008	1	11316	1	13624	1
2085	1	4393	1	6701	0	9009	1	11317	1	13625	0
2086	1	4394	0	6702	0	9010	0	11318	1	13626	1
2087	1	4395	1	6703	0	9011	1	11319	1	13627	1
2088	0	4396	0	6704	1	9012	0	11320	1	13628	1
2089	0	4397	1	6705	1	9013	0	11321	0	13629	1
2090	0	4398	0	6706	1	9014	0	11322	0	13630	1
2091	0	4399	1	6707	0	9015	1	11323	1	13631	0
2092	0	4400	1	6708	1	9016	0	11324	0	13632	1
2093	0	4401	0	6709	1	9017	1	11325	1	13633	1
2094	1	4402	0	6710	0	9018	0	11326	1	13634	1
2095	0	4403	0	6711	1	9019	0	11327	0	13635	1
2096	1	4404	1	6712	0	9020	0	11328	0	13636	0
2097	1	4405	1	6713	0	9021	1	11329	0	13637	1
2098	1	4406	1	6714	0	9022	1	11330	1	13638	1
2099	1	4407	1	6715	1	9023	0	11331	1	13639	0
2100	1	4408	0	6716	0	9024	1	11332	0	13640	0
2101	1	4409	1	6717	0	9025	1	11333	0	13641	0
2102	1	4410	1	6718	0	9026	1	11334	0	13642	1
2103	0	4411	1	6719	1	9027	0	11335	0	13643	0
2104	0	4412	1	6720	1	9028	1	11336	0	13644	0

2105	1	4413	0	6721	1	9029	1	11337	0	13645	1
2106	1	4414	0	6722	0	9030	0	11338	1	13646	1
2107	1	4415	0	6723	0	9031	0	11339	1	13647	1
2108	1	4416	1	6724	1	9032	1	11340	1	13648	1
2109	1	4417	1	6725	0	9033	1	11341	1	13649	0
2110	0	4418	1	6726	0	9034	1	11342	0	13650	0
2111	0	4419	1	6727	1	9035	1	11343	0	13651	0
2112	0	4420	0	6728	0	9036	1	11344	1	13652	0
2113	0	4421	0	6729	0	9037	0	11345	0	13653	0
2114	0	4422	0	6730	0	9038	0	11346	0	13654	1
2115	1	4423	0	6731	1	9039	1	11347	1	13655	1
2116	0	4424	0	6732	0	9040	0	11348	1	13656	1
2117	0	4425	0	6733	1	9041	0	11349	0	13657	1
2118	0	4426	0	6734	0	9042	0	11350	1	13658	0
2119	0	4427	0	6735	1	9043	0	11351	0	13659	0
2120	0	4428	0	6736	1	9044	0	11352	1	13660	0
2121	1	4429	1	6737	0	9045	1	11353	1	13661	0
2122	0	4430	0	6738	1	9046	0	11354	1	13662	0
2123	0	4431	1	6739	0	9047	1	11355	1	13663	0
2124	0	4432	1	6740	0	9048	0	11356	1	13664	1
2125	1	4433	0	6741	1	9049	1	11357	0	13665	0
2126	0	4434	0	6742	1	9050	1	11358	0	13666	1
2127	0	4435	1	6743	0	9051	0	11359	0	13667	1
2128	1	4436	1	6744	1	9052	1	11360	0	13668	0
2129	1	4437	1	6745	0	9053	1	11361	1	13669	0
2130	1	4438	0	6746	0	9054	0	11362	0	13670	1
2131	0	4439	0	6747	0	9055	1	11363	1	13671	0
2132	0	4440	1	6748	1	9056	1	11364	1	13672	1
2133	1	4441	0	6749	0	9057	0	11365	1	13673	1
2134	0	4442	1	6750	1	9058	1	11366	0	13674	0
2135	0	4443	0	6751	0	9059	0	11367	0	13675	0
2136	1	4444	0	6752	1	9060	1	11368	0	13676	1
2137	1	4445	0	6753	1	9061	1	11369	0	13677	1
2138	0	4446	1	6754	0	9062	0	11370	1	13678	1
2139	0	4447	1	6755	0	9063	0	11371	1	13679	0
2140	0	4448	1	6756	1	9064	1	11372	1	13680	1
2141	1	4449	0	6757	0	9065	1	11373	0	13681	0
2142	1	4450	0	6758	0	9066	1	11374	1	13682	1
2143	0	4451	0	6759	0	9067	0	11375	0	13683	0
2144	0	4452	0	6760	1	9068	0	11376	1	13684	1
2145	0	4453	0	6761	1	9069	0	11377	0	13685	1
2146	0	4454	0	6762	0	9070	0	11378	1	13686	1
2147	1	4455	1	6763	0	9071	0	11379	0	13687	0
2148	0	4456	1	6764	0	9072	0	11380	0	13688	0

2149	0	4457	1	6765	1	9073	0	11381	0	13689	1
2150	0	4458	1	6766	1	9074	0	11382	0	13690	0
2151	1	4459	1	6767	1	9075	0	11383	0	13691	1
2152	1	4460	1	6768	0	9076	1	11384	0	13692	0
2153	1	4461	0	6769	0	9077	1	11385	0	13693	0
2154	0	4462	0	6770	1	9078	0	11386	1	13694	1
2155	1	4463	0	6771	1	9079	1	11387	0	13695	0
2156	0	4464	0	6772	1	9080	0	11388	0	13696	1
2157	1	4465	0	6773	0	9081	1	11389	0	13697	1
2158	0	4466	0	6774	1	9082	1	11390	0	13698	0
2159	1	4467	1	6775	1	9083	0	11391	0	13699	1
2160	0	4468	1	6776	0	9084	0	11392	0	13700	0
2161	0	4469	0	6777	1	9085	1	11393	1	13701	1
2162	1	4470	0	6778	0	9086	0	11394	1	13702	1
2163	0	4471	1	6779	1	9087	0	11395	1	13703	0
2164	1	4472	0	6780	1	9088	0	11396	1	13704	0
2165	0	4473	0	6781	1	9089	1	11397	1	13705	1
2166	1	4474	0	6782	0	9090	1	11398	0	13706	1
2167	0	4475	1	6783	1	9091	1	11399	0	13707	1
2168	1	4476	1	6784	1	9092	1	11400	0	13708	1
2169	0	4477	1	6785	1	9093	0	11401	1	13709	1
2170	1	4478	0	6786	1	9094	0	11402	1	13710	1
2171	0	4479	0	6787	1	9095	0	11403	1	13711	1
2172	1	4480	0	6788	0	9096	0	11404	0	13712	0
2173	0	4481	1	6789	0	9097	0	11405	0	13713	1
2174	1	4482	1	6790	0	9098	0	11406	1	13714	1
2175	1	4483	0	6791	1	9099	1	11407	0	13715	0
2176	0	4484	1	6792	0	9100	0	11408	1	13716	0
2177	0	4485	1	6793	0	9101	0	11409	0	13717	0
2178	0	4486	1	6794	1	9102	0	11410	0	13718	0
2179	0	4487	1	6795	1	9103	1	11411	1	13719	0
2180	1	4488	0	6796	0	9104	1	11412	0	13720	0
2181	0	4489	1	6797	0	9105	0	11413	1	13721	0
2182	1	4490	1	6798	0	9106	1	11414	1	13722	1
2183	1	4491	0	6799	0	9107	1	11415	1	13723	1
2184	1	4492	0	6800	0	9108	0	11416	1	13724	1
2185	1	4493	0	6801	0	9109	0	11417	0	13725	1
2186	0	4494	0	6802	1	9110	1	11418	1	13726	0
2187	1	4495	1	6803	1	9111	0	11419	1	13727	0
2188	1	4496	0	6804	0	9112	0	11420	0	13728	1
2189	0	4497	1	6805	1	9113	0	11421	0	13729	1
2190	1	4498	1	6806	0	9114	1	11422	1	13730	0
2191	1	4499	1	6807	1	9115	1	11423	1	13731	0
2192	0	4500	1	6808	0	9116	0	11424	0	13732	0

2193	0	4501	0	6809	0	9117	1	11425	0	13733	1
2194	1	4502	1	6810	0	9118	1	11426	0	13734	0
2195	0	4503	1	6811	0	9119	1	11427	1	13735	1
2196	1	4504	1	6812	1	9120	0	11428	0	13736	0
2197	1	4505	0	6813	1	9121	0	11429	0	13737	0
2198	0	4506	1	6814	0	9122	1	11430	1	13738	0
2199	1	4507	0	6815	1	9123	1	11431	1	13739	0
2200	0	4508	0	6816	0	9124	1	11432	1	13740	0
2201	1	4509	0	6817	1	9125	1	11433	0	13741	1
2202	0	4510	1	6818	1	9126	1	11434	1	13742	1
2203	0	4511	1	6819	0	9127	0	11435	0	13743	0
2204	0	4512	1	6820	1	9128	1	11436	0	13744	0
2205	1	4513	1	6821	0	9129	0	11437	0	13745	0
2206	1	4514	1	6822	0	9130	1	11438	0	13746	1
2207	1	4515	0	6823	1	9131	1	11439	0	13747	1
2208	0	4516	0	6824	0	9132	1	11440	0	13748	0
2209	1	4517	1	6825	1	9133	0	11441	1	13749	1
2210	0	4518	0	6826	0	9134	0	11442	1	13750	0
2211	0	4519	0	6827	1	9135	0	11443	1	13751	0
2212	0	4520	0	6828	1	9136	1	11444	0	13752	0
2213	0	4521	0	6829	0	9137	0	11445	1	13753	1
2214	1	4522	0	6830	1	9138	0	11446	0	13754	1
2215	1	4523	1	6831	0	9139	0	11447	0	13755	1
2216	0	4524	1	6832	1	9140	1	11448	1	13756	0
2217	0	4525	1	6833	0	9141	0	11449	0	13757	1
2218	0	4526	0	6834	0	9142	0	11450	1	13758	0
2219	0	4527	0	6835	0	9143	0	11451	0	13759	1
2220	1	4528	1	6836	1	9144	0	11452	1	13760	0
2221	0	4529	1	6837	0	9145	0	11453	0	13761	1
2222	0	4530	1	6838	0	9146	0	11454	0	13762	0
2223	0	4531	0	6839	1	9147	0	11455	1	13763	1
2224	0	4532	1	6840	0	9148	1	11456	1	13764	1
2225	0	4533	0	6841	0	9149	1	11457	0	13765	0
2226	1	4534	1	6842	0	9150	1	11458	0	13766	1
2227	1	4535	1	6843	1	9151	1	11459	1	13767	1
2228	1	4536	0	6844	1	9152	0	11460	0	13768	0
2229	0	4537	0	6845	1	9153	1	11461	0	13769	0
2230	0	4538	0	6846	0	9154	1	11462	1	13770	1
2231	1	4539	1	6847	1	9155	1	11463	0	13771	1
2232	1	4540	0	6848	1	9156	1	11464	1	13772	1
2233	0	4541	1	6849	0	9157	0	11465	0	13773	0
2234	0	4542	0	6850	1	9158	0	11466	1	13774	1
2235	0	4543	1	6851	0	9159	0	11467	1	13775	1
2236	1	4544	1	6852	0	9160	0	11468	1	13776	1

2237	1	4545	0	6853	0	9161	1	11469	1	13777	1
2238	0	4546	0	6854	1	9162	0	11470	0	13778	0
2239	1	4547	0	6855	0	9163	1	11471	0	13779	0
2240	0	4548	1	6856	1	9164	1	11472	1	13780	1
2241	0	4549	1	6857	1	9165	0	11473	0	13781	0
2242	0	4550	1	6858	0	9166	1	11474	1	13782	1
2243	0	4551	0	6859	0	9167	0	11475	0	13783	1
2244	1	4552	1	6860	1	9168	0	11476	0	13784	0
2245	1	4553	1	6861	0	9169	1	11477	0	13785	1
2246	0	4554	1	6862	0	9170	0	11478	0	13786	1
2247	1	4555	0	6863	0	9171	0	11479	0	13787	1
2248	0	4556	1	6864	0	9172	1	11480	1	13788	0
2249	1	4557	1	6865	1	9173	0	11481	0	13789	0
2250	0	4558	0	6866	0	9174	1	11482	0	13790	1
2251	0	4559	1	6867	0	9175	1	11483	0	13791	0
2252	0	4560	0	6868	1	9176	1	11484	0	13792	1
2253	1	4561	0	6869	1	9177	0	11485	1	13793	1
2254	1	4562	0	6870	0	9178	1	11486	1	13794	1
2255	1	4563	0	6871	1	9179	1	11487	1	13795	0
2256	1	4564	0	6872	1	9180	0	11488	0	13796	0
2257	0	4565	1	6873	0	9181	0	11489	0	13797	0
2258	1	4566	0	6874	1	9182	0	11490	1	13798	1
2259	1	4567	1	6875	0	9183	1	11491	0	13799	0
2260	0	4568	1	6876	0	9184	0	11492	0	13800	1
2261	0	4569	0	6877	1	9185	1	11493	1	13801	1
2262	1	4570	0	6878	0	9186	1	11494	1	13802	0
2263	0	4571	0	6879	1	9187	1	11495	1	13803	1
2264	0	4572	0	6880	1	9188	1	11496	1	13804	0
2265	1	4573	1	6881	1	9189	1	11497	1	13805	0
2266	1	4574	1	6882	1	9190	0	11498	0	13806	1
2267	1	4575	1	6883	0	9191	1	11499	1	13807	1
2268	1	4576	1	6884	0	9192	1	11500	1	13808	0
2269	0	4577	0	6885	1	9193	1	11501	1	13809	1
2270	0	4578	1	6886	0	9194	1	11502	1	13810	0
2271	1	4579	1	6887	0	9195	0	11503	1	13811	1
2272	1	4580	0	6888	0	9196	1	11504	1	13812	0
2273	1	4581	1	6889	0	9197	0	11505	0	13813	0
2274	0	4582	1	6890	1	9198	0	11506	0	13814	0
2275	1	4583	1	6891	0	9199	0	11507	0	13815	0
2276	1	4584	1	6892	1	9200	0	11508	0	13816	0
2277	0	4585	0	6893	0	9201	1	11509	1	13817	0
2278	1	4586	1	6894	0	9202	0	11510	0	13818	0
2279	1	4587	0	6895	0	9203	1	11511	1	13819	0
2280	1	4588	0	6896	0	9204	0	11512	0	13820	0

2281	1	4589	1	6897	1	9205	1	11513	0	13821	1
2282	1	4590	0	6898	0	9206	0	11514	0	13822	0
2283	1	4591	0	6899	1	9207	1	11515	1	13823	0
2284	0	4592	0	6900	1	9208	1	11516	1	13824	1
2285	1	4593	1	6901	0	9209	0	11517	1	13825	0
2286	1	4594	1	6902	0	9210	0	11518	1	13826	1
2287	0	4595	0	6903	0	9211	0	11519	0	13827	0
2288	1	4596	0	6904	1	9212	1	11520	0	13828	0
2289	1	4597	0	6905	1	9213	1	11521	0	13829	1
2290	0	4598	0	6906	1	9214	0	11522	1	13830	1
2291	1	4599	0	6907	1	9215	1	11523	1	13831	1
2292	1	4600	0	6908	1	9216	0	11524	0	13832	0
2293	1	4601	0	6909	0	9217	0	11525	1	13833	0
2294	0	4602	0	6910	0	9218	0	11526	0	13834	0
2295	1	4603	0	6911	1	9219	1	11527	0	13835	0
2296	1	4604	0	6912	0	9220	1	11528	0	13836	0
2297	1	4605	0	6913	0	9221	1	11529	0	13837	0
2298	0	4606	1	6914	1	9222	0	11530	1	13838	0
2299	0	4607	1	6915	0	9223	1	11531	1	13839	0
2300	1	4608	1	6916	0	9224	0	11532	1	13840	1
2301	1	4609	0	6917	1	9225	1	11533	0	13841	0
2302	1	4610	0	6918	0	9226	1	11534	0	13842	0
2303	1	4611	0	6919	1	9227	0	11535	0	13843	1
2304	0	4612	0	6920	1	9228	0	11536	0	13844	0
2305	1	4613	0	6921	0	9229	1	11537	1		
2306	1	4614	0	6922	0	9230	1	11538	0		
2307	1	4615	0	6923	1	9231	0	11539	0		

UNIVERSITÉ DE STRASBOURG, CNRS, IRMA UMR 7501, F-67000 STRASBOURG, FRANCE
Email address: guoniu.han@unistra.fr

SCHOOL OF MATHEMATICS AND STATISTICS, HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY, WUHAN, PR CHINA
Email address: huyining@hust.edu.cn