Index:334

Polynom: 11111111111111

Serie size:13

Prime factors: 13

**SIZE 35** 

Index:157

Polynom: 1110100111101

Serie size:35

Prime factors: 57

The values in the vector are:

1000000000011010000001101011010110

1100000000010111000001011110111101

0010000000011100100001110001100011

011000000001000110000100010001000

0001000000010100010001010011100111

0101000000011001010001100110001100

1011000000010010110001001001010010

11110000000111111110001111100111001

0000100000010000001001000010100101

01001000000011101001001110111001110

1010100000010110101001011000010000

10000010000010011000011001110010100 1100001000001111000001111101111111100100010000010101100011010100100001011000100000110001000111000010010100001001000001110101001111011010010110110010000011011110011101100010000 11110010000010110110011011001111011 000010100000110010010111001111001110100101000001010000101101001000110010101010000011111101011111110101001011101010000010010101011001000111001 100110100000101110110110111111010110 1101101000001101001101110101011110100111010000010001111011000101100011 01000110000010110000111011010101101 10100110000011101100111110101110011100101100000101010101111010111110111

00110101000011110010100111010100001 1000110100001110010110011000101011000101101000011010001100101011100011 00011101000010010111100001001100111010111010000111111111110011110000110010111101000010100011100010011010010 11111101000011001011100100110111001 11000011000011010100010101001011110010100110000101001100100100011011111011001100001111101001011111011000111110011000010010010010001011011010101010110000110110010101011111110011 111010110000101100010100110100110001001101100001001111101000110111011111011011000011110111010111000011100 0011101100001010101101001011100001010100111000011001000110100111010010

10111010100010011101011101100110011 111110101000111101010110110010110000001011010001011100011111111110100111111101101000111001001110100011110011001111010001110100111101011101010001010101100010111100100111100101111 01001101100010011111110010110110110111101101100010101011110011011101100011100011100011110010010011010111011 11001011100010010111010101001111101101110111000101111001010111111001001001100111100010110010110111011101001 0101011110001111010011001100110110110110010010010111111101100110101011100110100100110110100111111110010101 11011010010010110010011001011111111011010101010011001111100110100111100 option:1

there is zero window of size 2,6 in block Number 2 and his left-top corner is 0,0 the place of the corner in the original series is 0 there is the block: 0 \* \* \* \* \* 0 \* \* \* \* \* 0101110 1100101 1001011 there is zero window of size 2,6 in block Number 3 and his left-top corner is 3,0 the place of the corner in the original series is 28 there is the block: 000000 0101110 0101110 0 \* \* \* \* \* 0 \* \* \* \* \* there is zero window of size 2,6 in block Number 4 and his left-top corner is 0,0 the place of the corner in the original series is 0 there is the block: 0 \* \* \* \* \* 0 \* \* \* \* \* 1110010 0111001 1001011 there is zero window of size 2,6 in block Number 5 and his left-top corner is 4,0 the place of the corner in the original series is 14 there is the block: 0 \* \* \* \* \* 0101110

1110010

```
0 * * * * *
there is zero window of size 2,6 in block Number 8 and his left-top corner is 0,0
the place of the corner in the original series is 0
there is the block:
0 * * * * *
0 * * * * *
1110010
000000
1110010
there is zero window of size 2,6 in block Number 14 and his left-top corner is 0,0
the place of the corner in the original series is 0
there is the block:
0 * * * * *
0 * * * * *
0101110
1011100
1110010
there is zero window of size 2,6 in block Number 30 and his left-top corner is 3,0
the place of the corner in the original series is 28
there is the block:
0010111
1100101
1110010
0 * * * * *
0 * * * * *
there is zero window of size 2,6 in block Number 33 and his left-top corner is 4,0
the place of the corner in the original series is 14
there is the block:
0 * * * * *
1001011
0101110
```

```
1100101
0 * * * * *
The values in the vector are:
100000000001101000000110
option:2
there is zero window of size 3,4 in block Number 3 and his left-top corner is 3,0
the place of the corner in the original series is 28
there is the block:
000000
0101110
0101110
000***
000***
The values in the vector are:
100000000001101000000110
option:3
there is no zero window of the given size4,3
index: 274
the polyinom is: 1011110010111
series total size: 35
prime factors: 57
window total size (polynomial degree): 12
total size factors: 2 2 3
The values in the vector are:
1000000000010110101101011000000101\\
01000000000011101111011110100000111\\
001000000001100001000010001000110
```

11110100000010111011010110111010101 0000110000001100011110111100011011011001100000010011101011010100110100 0110110000001110101011010111011011100011100000010100110101101001110101 110111000000111111100011000101110111 10111100000011010001000010011110110 01111100000010001011110111111111010010000010000010010100111001100001100 0010001000001110001101011011011000111111100010000010111001100011010001101 10010010000011110101111011101001111 010100100000101011110011100010011011111001000001101100010000101100111000001010000010100100011000100101101 11001010000011111111010110100010111110101010000011010011110111110101110

110001001000111111111011010101010101 011101001000111010011101111110010101 10001100100010010101001110001110110 0100110010001100111111110111011101000101110010001010111011100110011011111111100100011011001010110110110100 101000101000101100011101111111001111 1000101010001111011011100110110110111101010100011011011100011011101100 1001101010001001011111110111001011101010011010001111001101001011101110101100110100010101001100111011011111 000101101000111001011111111110001110101001110100011101110101001001111101 100111101000110101010111110100111100 110010011000100111011101111111110001011100011100011111011101011001001001

```
10010011100010110111110011110001011
110010111000101111001001010111101011
10010111100011110101010110110011001\\
010101111000101011111100011010011011
11010010010011011100101011001101111\\
1001101001001011011011111111101001100
101101100100101100110101001111111100
01111100110010101010110011110010110
option:1
there is zero window of size 2,6 in block Number 2 and his left-top corner is 0,0
the place of the corner in the original series is 0
there is the block:
* * * * * * 0
* * * * * * 0
0010111
0010111
000000
there is zero window of size 2,6 in block Number 3 and his left-top corner is 3,0
the place of the corner in the original series is 28
there is the block:
1100101
1110010
0010111
* * * * * * 0
* * * * * * 0
```

there is zero window of size 2,6 in block Number 5 and his left-top corner is 4,0

the place of the corner in the original series is 14 there is the block: 000000 1110010 0101110 1011100 \* \* \* \* \* \* 0 there is zero window of size 2,6 in block Number 6 and his left-top corner is 0,0 the place of the corner in the original series is 0 there is the block: \* \* \* \* \* \* 0 \* \* \* \* \* \* 0 0010111 1011100 1001011 there is zero window of size 2,6 in block Number 8 and his left-top corner is 0,0 the place of the corner in the original series is 0 there is the block: \* \* \* \* \* \* 0 \* \* \* \* \* \* 0 0101110 000000 0101110 there is zero window of size 2,6 in block Number 12 and his left-top corner is 0,0 the place of the corner in the original series is 0 there is the block: \* \* \* \* \* \* 0 \* \* \* \* \* \* 0 0101110 1001011 1100101

there is zero window of size 2,6 in block Number 30 and his left-top corner is 3,0 the place of the corner in the original series is 28 there is the block: 1100101 1001011 0101110 \* \* \* \* \* \* 0 \* \* \* \* \* \* 0 there is zero window of size 2,6 in block Number 44 and his left-top corner is 3,0 the place of the corner in the original series is 28 there is the block: 0010111 0111001 0101110 \* \* \* \* \* \* 0 \* \* \* \* \* \* 0 option:2 there is zero window of size 3,4 in block Number 2 and his left-top corner is 4,0 the place of the corner in the original series is 14 there is the block: \* \* \* \* 000 \* \* \* \* 000 00101110010111 \* \* \* \* 000 The values in the vector are: 100000000001011010110101 option:3 there is no zero window of the given size4,3 **SIZE 39** 

Index:156

polyinom:1111000111101

series total size: 39

prime factors: 3 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001100110101011

option:1

there is no zero window of the given size2,6

Index:295

polyinom:1011110001111

series total size: 39

prime factors: 3 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001011010101100

option:1

there is no zero window of the given size2,6

**SIZE 45** 

Index:1

polyinom:100100000001

series total size: 45

prime factors: 3 3 5

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

## option:1 there is no zero window of the given size3,4 The values in the vector are: 100000000001001001001000 option:2 there is zero window of size 4,3 in block Number 0 and his left-top corner is 1,3 the place of the corner in the original series is 28 there is the block: 11110 \*00\*\* \*00\*\* \*11\*\* \*00\*\* 00000 10010 00000 00000 there is zero window of size 4,3 in block Number 5 and his left-top corner is 4,0 the place of the corner in the original series is 40 there is the block: 10100 00000 10111

10111

\* \* \* 00

\* \* \* 11

```
* * * 0 0
10100
Index:45
polyinom:100000001001
series total size: 45
prime factors: 3 3 5
window total size (polynomial degree): 12
total size factors: 2 2 3
The values in the vector are:
11000000000110000000110110000110000110110110\\
10100000000101000000101101000101000101101101
option:1
there is no zero window of the given size3,4
option:2
there is zero window of size 4,3 in block Number 0 and his left-top corner is 7,2
the place of the corner in the original series is 7
there is the block:
11***
00 * * *
00000
11101
00000
00000
00101
00***
```

\* \* \* 11

```
00***
there is zero window of size 4,3 in block Number 4 and his left-top corner is 8,3
the place of the corner in the original series is 8
there is the block:
*11**
*11**
*00**
11110
11110
00000
10010
10010
*00**
SIZE 65
Index:44
polyinom:1000111110001
series total size: 65
prime factors: 5 13
window total size (polynomial degree): 12
total size factors: 2 2 3
The values in the vector are:
```

0101000100001010110111111101101000010001001001001001100110011001001

option:1

there is no zero window of the given size2,6

option:2

there is zero window of size 3,4 in block Number 22 and his left-top corner is 0,7 the place of the corner in the original series is 20

there is the block:

1110011\*\*\*\*01

0000010\*\*\*\*01

0011110\*\*\*\*11

0100100100111

option:3

there is no zero window of the given size4,3

Index:107

polyinom:1010011100101

series total size: 65

prime factors: 5 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

110010000001101101010101011011000000010011001110001000100011100

option:1 there is no zero window of the given size2,6 option:2 there is zero window of size 3,4 in block Number 45 and his left-top corner is 1,8 the place of the corner in the original series is 21 there is the block: 0101011110011 00011100\*\*\*\*1 11101111\*\*\*\*1 01110001\*\*\*\*0 1101010110011 option:3 there is no zero window of the given size4,3 Index :151 polyinom:1011101011101 series total size: 65 prime factors: 5 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:  001010100000110100100100101100000101010011011100110110110110111011

```
option:1
there is no zero window of the given size2,6
option:2
there is zero window of size 3,4 in block Number 47 and his left-top corner is 1,8
the place of the corner in the original series is 21
there is the block:
1101010110011
01110001 * * * * 0
11101111****1
00011100 * * * * 1
0101011110011
option:3
there is no zero window of the given size4,3
Index:228
polyinom:1101011101011
series total size: 65
prime factors: 5 13
window total size (polynomial degree): 12
total size factors: 2 2 3
The values in the vector are:
```

1100110000001100111001001001011000101111
0010110000001111010110001101011111000000
0101110000001110100001101111100111001010
110000100000111101100011000100100100110001101111
00100010000011001101111101001110110111101101111
111000100000101110100111111111111111111
100100100000101001111001110110011111001111
0111001000001001110001011000010100101111
0000101000001110010100100101100100110010011010
00101010000010101001011011001110100111000111001111
1110101000001101111011100111011110110000
1001101000001100001100000101100111111011010
01011010000010110100100011100000110101110110110110000
010001100000110001000111110100100110110
101001100000111111111110001110111111111
00110110000011011001101111111100001000101

option:1

there is no zero window of the given size2,6

option:2

there is zero window of size 3,4 in block Number 15 and his left-top corner is 0,7 the place of the corner in the original series is 20

there is the block:

0011110\*\*\*\*11

0000010\*\*\*\*01

1110011\*\*\*\*01

0100100100111

1001011100100

option:3

there is no zero window of the given size4,3

## **SIZE 91**

Index:34

polyinom:1001111010001

series total size: 91

prime factors: 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

0110100000001111110010111000110000100011001000101
0101100000001100100000100011011011001100100100101
00111000000010100001000010100001100010000
011110000000111011110011000110100111100101
10000100000011010110100011001110001011000101
110001000000100110001010101010111101000101
101001000000111100011001111000101001100010001110011010
11100100000010111111101110111011111110001001101101111
1001010000001100010100000101100001110110001111
10110100000011100010000101110100110000101
1111010000001010110000110010110110101011010
0100110000001001001011011011110001101000110111011010
001011000000111110000101101010110110110
000111000000110011001100000100110101101
011111000000101001011111011001101000011001101111
00010010000010101010101010000110101111011010
0101001000001110010010000100001110011111
0111001000001100001110010110111110010101
110010100000111111110110010011111011010000

option:1 there is no zero window of the given size2,6 option:2 there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,1 the place of the corner in the original series is 14 there is the block:

1 \* \* 0 1 1 1 0 1 0 0 0 1

```
0 * * 1110000100
0 * * 1010100001
1 * * 1101110000
```

1 \* \* 0 0 1 1 1 1 0 1 0 0

1 \* \* 1001010101

0000100100101

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,10

the place of the corner in the original series is 49

there is the block:

1011011010 \* \* 0

0101010101\*\*1

100000010 \* \* 0

0011011000\*\*0

0110001101\*\*1

1110001111\*\*1

1101010111001

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,4

the place of the corner in the original series is 56

there is the block:

1110 \* \* 0011111

1000\*\*0000100

1011\*\*0110111

0101\*\*0101000

1101\*\*0101100

0110 \* \* 0011011

0011000110011

there is zero window of size 6,2 in block Number 10 and his left-top corner is 0,8

the place of the corner in the original series is 21

there is the block:

01000000 \* \* 111

```
01100100 * * 100
```

00100100 \* \* 011

00011101 \* \* 101

01111001 \* \* 001

0101110100010

there is zero window of size 6,2 in block Number 11 and his left-top corner is 0,5

the place of the corner in the original series is 70

there is the block:

01111\*\*000110

01110 \* \* 001011

11110 \* \* 110101

10001\*\*110011

11111\*\*111000

00001 \* \* 001101

1000000111110

there is zero window of size 6,2 in block Number 13 and his left-top corner is 0,7

the place of the corner in the original series is 7

there is the block:

0101110 \* \* 1100

0000111\*\*0001

0010101 \* \* 0100

0111011\*\*1000

0111100 \* \* 1001

0101001\*\*1101

0010010000101

there is zero window of size 6,2 in block Number 20 and his left-top corner is 0,8

the place of the corner in the original series is 21

there is the block:

11010010 \* \* 101

00010111\*\*000

11100011\*\*100

```
00110001 * * 001
00100110 * * 001
11000101**101
1111010000100
there is zero window of size 6,2 in block Number 41 and his left-top corner is 0,8
there is the block:
```

the place of the corner in the original series is 21

01011111\*\*000 10011000\*\*111 10110100 \* \* 011 111010111\*\*011 01110011 \* \* 100

11000111\*\*111 0010110000100

option:3

there is no zero window of the given size3,4

option:4

there is zero window of size 4,3 in block Number 6 and his left-top corner is 0,4

the place of the corner in the original series is 56

there is the block:

1110 \* \* \* 011111 1000\*\*\*000100 1011\*\*\*110111 0101\*\*\*101000 1101000101100 0110000011011

0011000110011

Index:81

polyinom:1000101111001

series total size: 91

prime factors: 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

1101010000001011110010101000010000110101
11110100000010011110011110100001110100101
100011000000101001010111110111111111111
110011000000111000001101000101000111000100111011100101
10101100000010000111101001111010010110001000101
00111100000010010110110011101000101010111001111
0111110000001101001101101010001101100101
010000100000101110101111111111111111111
001000100000110111011010101111001111111
1001001000001110111000010010101111101010
101010100000100100001011100111100100100
011110100000110001000111010001110111010011001111
110001100000110110011111001110000100001001001110000
0101011000001100100010011010101010101010
001101100000101011111111011000100100110000
011101100000111010100100100011110101011010
00101110000011110011100101010101011111001111
10111110000011100010111111100011000101111
11111110000010100111010110001101111000011001100011000111001111
00010001000011100101100111011001111000101

```
option:1
there is no zero window of the given size2,6
option:2
there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,0
the place of the corner in the original series is 0
there is the block:
**00010000111
* * 11000101110
**01010010010
* * 11010101001
* * 10010111100
* * 10000111011
0001000010101
there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,9
the place of the corner in the original series is 35
there is the block:
001001000 * * 00
111111110 * * 00
100110011**01
110110110 * * 00
011001101**01
010000101 * * 01
1011110110001
```

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,4 the place of the corner in the original series is 56

there is the block:

0101\*\*1010101

1010 \* \* 0101101

0111\*\*1110101

1111\*\*1111000

1101\*\*1011000

1000\*\*0001101

0010000100000

there is zero window of size 6,2 in block Number 8 and his left-top corner is 0,6 the place of the corner in the original series is 84

there is the block:

000101 \* \* 10111

100110 \* \* 00100

110001 \* \* 00100

100011 \* \* 10011

010111\*\*00000

010010 \* \* 10111

1101000010011

there is zero window of size 6,2 in block Number 10 and his left-top corner is 0,8 the place of the corner in the original series is 21

there is the block:

01000010 \* \* 101

00001000\*\*111

10100011 \* \* 011

01001010\*\*010

10101011\*\*100

11101001 \* \* 001

1110000100110

there is zero window of size 6,2 in block Number 14 and his left-top corner is 0,10

the place of the corner in the original series is 49

there is the block:

11111010111 \*\* 0

1110110100 \* \* 0

1110011000 \* \* 1

0001011111\*\*0

0000101100 \* \* 1

1111000111\*\*1

0001110011001

there is zero window of size 6,2 in block Number 15 and his left-top corner is 0,6

the place of the corner in the original series is 84

there is the block:

011101 \* \* 10100

100100 \* \* 01100

100100 \* \* 10001

111001\*\*11000

000000\*\*11101

011101 \* \* 01001

1110010000101

there is zero window of size 6,2 in block Number 39 and his left-top corner is 0,8

the place of the corner in the original series is 21

there is the block:

000111111\*\*111

01110001\*\*110

10111110 \* \* 110

01101110 \* \* 001

11001111\*\*000

11010000\*\*111

1010000100001

option:3

there is no zero window of the given size3,4

```
option:4
```

there is zero window of size 4,3 in block Number 5 and his left-top corner is 0,9 the place of the corner in the original series is 35

there is the block:

001001000\*\*\*0

111111110 \* \* \* 0

100110011\*\*\*1

110110110\*\*\*0

0110011010001

0100001010001

Index:122

polyinom :110000001101

series total size: 91

prime factors: 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

01101000000011110000011100100011110011011100111001110000
01011000000010101111101001001000000111001111
1011100000001110111111000001101101110011011010
11111000000010010000010001100010010101111
1000010000001101100001100101011011011111
11000100000101001111010000001111100001110110110010010010010001000100101
0110010000010011000010000101101100101011010
010101000000110001111001010001100100100
101101000000100001111011001110001011111010
0010110000001010100001011000110101010101
01101100000011010111100111011001111111010
0101110000001000100010010110010010101100101
10111100000011001000011011001100110100010001111
11111100000010110111101010011000011111010
0010001000001101001111001111111110000101
0110001000001011010010110101010101011100110010001110110010000
0101001000001111001110001100000101101000101
11110010000011001100011011101011101111101111
0110101000001110001110000101111011010110001000101
101110100000111111000111010010111111111

option:1 there is no zero window of the given size2,6 option:2 there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,6

the place of the corner in the original series is 84

there is the block:

000010 \* \* 10101

100011 \* \* 01110

```
100001**11011
```

001000 \* \* 11100

001010 \* \* 01001

1010010000111

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,4

the place of the corner in the original series is 56

there is the block:

0110 \* \* 0011011

0101\*\*0101000

1000\*\*0000100

0011\*\*0110011

1101 \* \* 0101100

1011\*\*0110111

1110000011111

there is zero window of size 6,2 in block Number 7 and his left-top corner is 0,6

the place of the corner in the original series is 84

there is the block:

111110 \* \* 11010

001111\*\*00011

100001 \* \* 00110

110001 \* \* 11001

101110 \* \* 00101

010000 \* \* 11111

0111110011100

there is zero window of size 6,2 in block Number 12 and his left-top corner is 0,9

the place of the corner in the original series is 35

there is the block:

110011000\*\*11

000101100\*\*10

001110011\*\*10

```
001011111**00
111000111**11
```

there is zero window of size 6,2 in block Number 13 and his left-top corner is 0,5 the place of the corner in the original series is 70

there is the block:

10010 \* \* 010100

11100\*\*100101

10101\*\*010000

01110 \* \* 110001

01001 \* \* 110101

11011\*\*100001

0011100000100

there is zero window of size 6,2 in block Number 15 and his left-top corner is 0,10 the place of the corner in the original series is 49

there is the block:

1101000000\*\*1

0101111001 \* \* 0

1100100100 \* \* 0

1000111001\*\*1

1001011101 \*\* 0

0100011101\*\*1

0001100100001

there is zero window of size 6,2 in block Number 17 and his left-top corner is 0,8 the place of the corner in the original series is 21

there is the block:

00000010 \* \* 010

11011010 \* \* 010

10001111\*\*111

11011000 \* \* 000

```
01010111**111
1000110100101
```

there is zero window of size 6,2 in block Number 21 and his left-top corner is 0,6

the place of the corner in the original series is 84

there is the block:

000101 \* \* 10111

110001 \* \* 00100

010111\*\*00000

110100 \* \* 10011

100110 \* \* 00100

100011\*\*10011

0100100010111

The values in the vector are:

1000000000011111111110001

option:3

there is no zero window of the given size3,4

option:4

there is zero window of size 4,3 in block Number 4 and his left-top corner is 0,4

the place of the corner in the original series is 56

there is the block:

0110 \* \* \* 011011

0101\*\*\*101000

1000\*\*\*000100

0011\*\*\*110011

1101000101100

1011000110111

 $1\,1\,1\,0\,0\,0\,0\,0\,1\,1\,1\,1\,1\,0\,1\,1\,1\,1\,0\,1\,1\,0\,0\,0\,1$ 

Index:166

polyinom:1011000000011

series total size: 91

prime factors: 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

10001100000010101111000110100100100110110110110010000
01001100000011110111001110001010110110011010
101011000000110110010110001001101100110000
011011000000100001011101011111110001100101
01000010000011100010111100000110010010110000
1010001000001100110010101010101010101010
1011001000001111010111011101100000111010
010010100000111111100100101110110110110
0110101000001000110010101010111111110101
01011010000011000111001111000001001010111010
0111101000001011010111010011010101010101
010001100000111011001010110110110110110
10100110000011000010111101110100100100010001111
011001100000100111100100001011000101101
100101100000100010010111111010011001010000
010101100000110101011101101000101001101111
011111100000101110111000111010111010111010
0101000100001101111100111111001001111001111
100010010000101001100100011110111110011000101
010010010000111110101111001000111000011101111
01010101000011010001011000111010011101111
01110011000010101010111111111111110010111001001101111

option:1

there is no zero window of the given size2,6

option:2

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,7

the place of the corner in the original series is 7

there is the block:

0010101\*\*0100

0111100 \* \* 1001

0010010 \* \* 0101

0000111\*\*0001

0111011\*\*1000

0101001\*\*1101

0101110001100

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,9

the place of the corner in the original series is 35

there is the block:

010000101\*\*01

110110110\*\*00

11111110 \* \* 00

101111011\*\*01

011001101\*\*01

100110011\*\*01

0010010000000

there is zero window of size 6,2 in block Number 8 and his left-top corner is 0,10

the place of the corner in the original series is 49

there is the block:

0101000010\*\*1

there is zero window of size 6,2 in block Number 10 and his left-top corner is 0,9

the place of the corner in the original series is 35

there is the block:

000101100\*\*10
110011000\*\*11
111101011\*\*01
111000111\*\*11
001011111\*\*00
110110100\*\*01

there is zero window of size 6,2 in block Number 12 and his left-top corner is 0,6 the place of the corner in the original series is 84

there is the block:

110001\*\*11001
100001\*\*00110
001111\*\*00011
111110\*\*11010
011111\*\*11100
010000\*\*11111

there is zero window of size 6,2 in block Number 15 and his left-top corner is 0,10 the place of the corner in the original series is 49

there is the block:

0101111001\*\*0 1101000000\*\*1

```
0001100100**1
0100011101**1
1001011101**0
1000111001**1
```

there is zero window of size 6,2 in block Number 17 and his left-top corner is 0,6 the place of the corner in the original series is 84

there is the block:

100011\*\*10011 100110\*\*00100 110100\*\*10011 010111\*\*0000 110001\*\*00101

0100100010111

there is zero window of size 6,2 in block Number 20 and his left-top corner is 0,8 the place of the corner in the original series is 21

there is the block:

11011000\*\*000 10001111\*\*111 11011010\*\*010 00000010\*\*010 10001101\*\*101 0101010100101

The values in the vector are:

100000000001011100101101

option:3

there is no zero window of the given size3,4

The values in the vector are:

```
option:4
```

there is zero window of size 4,3 in block Number 6 and his left-top corner is 0,9

the place of the corner in the original series is 35

there is the block:

010000101\*\*\*1

110110110\*\*\*0

111111110 \* \* \* 0

101111011\*\*\*1

0110011010001

1001100110001

0010010000000

Index:221

polyinom:1101111001011

series total size: 91

prime factors: 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

option:1 there is no zero window of the given size2,6 The values in the vector are: 100000000001110010000011 option:2

there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,2 the place of the corner in the original series is 28

there is the block:

11 \* \* 100001110 10 \* \* 010100100 01 \* \* 010000101 01 \* \* 110101010

```
11 * * 000100001
```

00 \* \* 100101111

1000110001011

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,7

the place of the corner in the original series is 7

there is the block:

0000101 \* \* 0101

0110011 \* \* 0110

1111011\*\*0110

0110110 \* \* 0011

1001000 \* \* 0000

1001101\*\*0101

1111110000011

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,8

the place of the corner in the original series is 21

there is the block:

11110100 \* \* 100

11100011\*\*100

11000101 \* \* 101

00010111\*\*000

00100110 \* \* 001

11010010 \* \* 101

0011000100001

there is zero window of size 6,2 in block Number 8 and his left-top corner is 0,1

the place of the corner in the original series is 14

there is the block:

1 \* \* 1001010101

0 \* \* 1 1 1 0 0 0 0 1 0 0

1 \* \* 0 0 1 1 1 1 0 1 0 0

1 \* \* 0 1 1 1 0 1 0 0 0 1

```
0 * * 0 1 0 0 1 0 0 1 0 1
```

there is zero window of size 6,2 in block Number 15 and his left-top corner is 0,2

the place of the corner in the original series is 28

there is the block:

01 \* \* 001011110

01\*\*110001110

01\*\*101000111

00 \* \* 111010000

00 \* \* 0 1 1 0 0 1 0 0 1

01\*\*010010111

0000100011001

there is zero window of size 6,2 in block Number 30 and his left-top corner is 0,9

the place of the corner in the original series is 35

there is the block:

110001101\*\*10

011011010\*\*01

011011000\*\*00

101010111\*\*11

000000010\*\*01

110001111\*\*11

1010101010010

there is zero window of size 6,2 in block Number 32 and his left-top corner is 0,9

the place of the corner in the original series is 35

there is the block:

001110001\*\*11

111010000\*\*11

010111110\*\*11

110100001\*\*00

101101110 \* \* 00

100011111\*\*11

there is zero window of size 6,2 in block Number 33 and his left-top corner is 0,10

the place of the corner in the original series is 49

there is the block:

11111010111\*\*0

0000101100 \* \* 1

1110110100 \* \* 0

1111000111\*\*1

1110011000\*\*1

0001110011\*\*1

0001011111000

The values in the vector are:

100000000001110010000011

option:3

there is no zero window of the given size3,4

The values in the vector are:

1000000000001110010000011

option:4

there is zero window of size 4,3 in block Number 3 and his left-top corner is 0,7

the place of the corner in the original series is 7

there is the block:

0000101 \* \* \* 101

0110011 \* \* \* 110

1111011\*\*\*110

0110110\*\*\*011

1001000000000

1001101000101

1111110000011

Index:246

polyinom:1101001111011

series total size: 91

prime factors: 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

00100100000011100011001101110011011001111
1110010000010010110010100011111011101010
100101000000100010110000100001100011100010000
0101010000001111111001101110100001100011010
01110100000010110001101110110010011110000
10001100000011001010111100010011111010000
00011100000011101101100110111111011100101
11011100000010011000111111010010111101111
001111000000101000100110010011111111111
111111000000110101110010100010001110110
1001001000001001101101010110100111010101
0101001000001110111000110000110110000101
100010100000110110100010111101100000111001111
010010100000101011110100100110100001110000
1010011000001011010101000110011111011001100110010000
0001011000001101110101111001000011001111
1100111000001110100101100110101010100010000
00101110000011010011110101011101010011010
010111100000110011101000110001100100100

option:1

there is no zero window of the given size2,6

The values in the vector are:

100000000001110101011001

option:2

there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,9 the place of the corner in the original series is 35

there is the block:

111101001\*\*00

100001000\*\*11

010101011\*\*10

101000010 \* \* 10

001001010\*\*01

011100001\*\*11

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,5 the place of the corner in the original series is 70

there is the block:

00101 \* \* 010100

11110 \* \* 001111

01101 \* \* 010110

01000 \* \* 000010

10110 \* \* 001101

11011\*\*011011

1001100011001

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,6 the place of the corner in the original series is 84

there is the block:

111001 \* \* 11000

111001 \* \* 00101

100100 \* \* 10001

011101 \* \* 01001

100100 \* \* 01100

000000\*\*11101

0111010010100

there is zero window of size 6,2 in block Number 8 and his left-top corner is 0,1  $\,$ 

the place of the corner in the original series is 14

there is the block:

0 \* \* 1001011110

1 \* \* 0 0 0 1 0 0 0 0 1 1

1 \* \* 1 1 0 1 0 1 0 1 0 0

1 \* \* 0 1 0 0 0 0 1 0 1 0

0 \* \* 0 1 0 1 0 0 1 0 0 1

1 \* \* 1000011101

0001100010111

there is zero window of size 6,2 in block Number 19 and his left-top corner is 0,1

the place of the corner in the original series is 14

there is the block:

1 \* \* 0000001011

1 \* \* 10 1 1 1 0 0 0 1 0

1 \* \* 1001110001

0 \* \* 1001111010

1 \* \* 0 0 1 0 0 1 1 0 0 0

0 \* \* 1011101001

0000010010011

there is zero window of size 6,2 in block Number 28 and his left-top corner is 0,7

the place of the corner in the original series is 7

there is the block:

0110100 \* \* 0111

0101100\*\*1000

1101011\*\*0111

1011111\*\*0000

1110011\*\*1000

0011000\*\*1111

1000111001111

there is zero window of size 6,2 in block Number 29 and his left-top corner is 0,7

the place of the corner in the original series is 7

there is the block:

1001111\*\*0001

0011111\*\*1110

1101110 \* \* 0010

0100001\*\*0011

0111110 \* \* 1101

1010000\*\*1111

1110001001100

there is zero window of size 6,2 in block Number 35 and his left-top corner is 0,8

the place of the corner in the original series is 21

there is the block: 00000010 \* \* 010 01010111\*\*111 11011000 \* \* 000 11011010 \* \* 010 10001101 \* \* 101 01010101 \* \* 101 1000111100111 The values in the vector are: 100000000001110101011001 option:3 there is no zero window of the given size3,4 The values in the vector are: 100000000001110101011001 option:4 there is zero window of size 4,3 in block Number 3 and his left-top corner is 0,5 the place of the corner in the original series is 70 there is the block: 00101 \* \* \* 10100 11110 \* \* \* 01111 01101 \* \* \* 10110 01000 \* \* \* 00010 1011000001101 1101100011011 1001100011001 **SIZE 105** Index:33 polyinom:1011011010001

series total size: 105

prime factors: 3 5 7

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

1000000000010111111110101
110000000001110000001111
101000000001001000001000
111000000001100111110010
100100000001010100001011
110100000001111011110001
101100000001000011110110

0000100000001011010001010
0100100000001110101110000
0010100000001001101110111
0110100000001100010001101
0001100000001010001110100
0101100000001111110001110
0011100000001000110001001
0111100000001101001110011
1100010000001011101001010
1010010000001100101001101
1110010000001001010110111
1001010000001111001001110
1101010000001010110110100
1011010000001101110110011
0000110000001110111001111
0100110000001011000110101

0110110000001001111001000
0011110000001101011001100
0111110000001000100110110
0100001000001100110101101
0010001000001011110101010
0011001000001010101010100
1100101000001100011010010
1010101000001011011010101
1110101000001110100101111
0010011000001110011101111
1001111000001101010010011
1101111000001000101101001
0010000100001101100100011
1110001100001010101111011
1110010010001110111011000

```
option:1
```

block size3\*35

there is no zero window of the given size2,6

option:2

block size5\*21

there is no zero window of the given size2,6

option:3

block size5\*21

there is zero window of size 3,4 in block Number 2 and his left-top corner is 3,2 the place of the corner in the original series is 23

there is zero window of size 3,4 in block Number 23 and his left-top corner is 2,15 the place of the corner in the original series is 57

option:4

block size5\*21

there is no zero window of the given size4,3

option:5

block size7\*15

there is zero window of size 2,6 in block Number 2 and his left-top corner is 3,0 the place of the corner in the original series is 45

option:6

block size7\*15

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,4 the place of the corner in the original series is 49

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,10 the place of the corner in the original series is 70

there is zero window of size 6,2 in block Number 7 and his left-top corner is 0,8

the place of the corner in the original series is 98

there is zero window of size 6,2 in block Number 10 and his left-top corner is 0,13

the place of the corner in the original series is 28

there is zero window of size 6,2 in block Number 15 and his left-top corner is 0,10

the place of the corner in the original series is 70

there is zero window of size 6,2 in block Number 20 and his left-top corner is 0,9

the place of the corner in the original series is 84

there is zero window of size 6,2 in block Number 26 and his left-top corner is 0,9

the place of the corner in the original series is 84

option:7

block size7\*15

there is no zero window of the given size3,4

option:8

block size7\*15

there is zero window of size 4,3 in block Number 2 and his left-top corner is 0,7

the place of the corner in the original series is 7

Index:51

polyinom:1101110001001

series total size: 105

prime factors: 3 5 7

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001110011010100

110000000001001010111110

111000000001010110001011
0001000000001111101001110
010100000001000100100100
0011000000001100001111011
0111000000001011000010001
1000100000001001101110011
1100100000001110100011001
1010100000001010001000110
1110100000001101000101100
0101100000001111010000011
0111100000001100110110110
1000010000001101100000111
1100010000001010101101101
1110010000001001001011000
0101010000001011011110111

0011010000001111110101000
0111010000001000111000010
1100110000001101011001010
1010110000001001110010101
1110110000001110111111111
0001110000001011100111010
0101110000001100101010000
0111110000001111001100101
1100001000001000101010111
01110010000010101111111000
1000101000001000010011010
0011101000001010000110101
1100011000001011010000100
10100110000011111111011011
0001011000001101101110100
1000111000001011101001001

1100111000001100100100011 0000100100001001010000111 0010001100001100111111100 0100111100001100011010111 01101111000011111111100010 option:1 block size3\*35 there is no zero window of the given size2,6 option:2 block size5\*21 there is no zero window of the given size 2,6 option:3 block size5\*21 there is zero window of size 3,4 in block Number 5 and his left-top corner is 4,11 the place of the corner in the original series is 74 there is zero window of size 3,4 in block Number 10 and his left-top corner is 0,15 the place of the corner in the original series is 15 option:4

block size5\*21

there is no zero window of the given size4,3

option:5

block size7\*15

there is zero window of size 2,6 in block Number 5 and his left-top corner is 6,0 the place of the corner in the original series is 90

option:6

block size7\*15

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,5 the place of the corner in the original series is 35

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,10 the place of the corner in the original series is 70

there is zero window of size 6,2 in block Number 7 and his left-top corner is 0,7 the place of the corner in the original series is 7

there is zero window of size 6,2 in block Number 11 and his left-top corner is 0,8 the place of the corner in the original series is 98

there is zero window of size 6,2 in block Number 13 and his left-top corner is 0,9 the place of the corner in the original series is 84

there is zero window of size 6,2 in block Number 14 and his left-top corner is 0,2 the place of the corner in the original series is 77

there is zero window of size 6,2 in block Number 16 and his left-top corner is 0,7 the place of the corner in the original series is 7

option:7

block size7\*15

there is no zero window of the given size3,4

option:8

block size7\*15

there is zero window of size 4,3 in block Number 5 and his left-top corner is 0,8 the place of the corner in the original series is 98

Index :138

polyinom:1000101101101

series total size: 105

prime factors: 3 5 7

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

0101100000001111010100100
101110000000100100100101
11111000000011010111111011
0100010000001111100111000
1010010000001001111011001
1110010000001101101100111
1101010000001010110101001
0011010000001100101001000
0111010000001000111110110
0100110000001001011001110
1010110000001111000101111
1110110000001011010010001
1101110000001100001011111
0011110000001010010111110
1010001000001111011100001

1110001000001011001011111
1010101000001001100010111
11011010000010101011100111
0111101000001000100111000
0110011000001000010100100
0101011000001111001101010
1100111000001100100001101
0010111000001010111101100
0010000100001100001111101
1101010100001100011110110
0001010010001101110111000
option :1
block size3*35
there is no zero window of the given size2,6
option :2
block size5*21

there is no zero window of the given size2,6

option:3

block size5\*21

there is zero window of size 3,4 in block Number 2 and his left-top corner is 4,8 the place of the corner in the original series is 29 there is zero window of size 3,4 in block Number 20 and his left-top corner is 3,20 the place of the corner in the original series is 83

option:4

block size5\*21

there is no zero window of the given size4,3

option:5

block size7\*15

there is zero window of size 2,6 in block Number 2 and his left-top corner is 3,0 the place of the corner in the original series is 45

option:6

block size7\*15

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,5 the place of the corner in the original series is 35

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,6 the place of the corner in the original series is 21

there is zero window of size 6,2 in block Number 7 and his left-top corner is 0,4 the place of the corner in the original series is 49

there is zero window of size 6,2 in block Number 9 and his left-top corner is 0,2 the place of the corner in the original series is 77

there is zero window of size 6,2 in block Number 13 and his left-top corner is 0,5 the place of the corner in the original series is 35

there is zero window of size 6,2 in block Number 16 and his left-top corner is 0,7 the place of the corner in the original series is 7 there is zero window of size 6,2 in block Number 19 and his left-top corner is 0,7

the place of the corner in the original series is 7

option:7

block size7\*15

there is no zero window of the given size3,4

option:8

block size7\*15

there is zero window of size 4,3 in block Number 2 and his left-top corner is 0,5

the place of the corner in the original series is 35

Index:238

polyinom:1001000111011

series total size: 105

prime factors: 3 5 7

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001001001110010

010000000001101101001011

1010000000011111111010111

011000000001011011101110

000100000001010010100000

110100000001110110011001

11110000000100000111100
1100100000001000100011011
0010100000001010110000111
1001100000001111011110000
0101100000001011111001001
1011100000001001101010101
0111100000001101001101100
1100010000001011101011010
0010010000001001111000110
1110010000001101011111111
0101010000001000110001000
1011010000001010100010100
0111010000001110000101101
0100110000001110100001010
1010110000001100110010110
0110110000001000010101111

1101110000001101111011000
0011110000001111101000100
1111110000001011001111101
0100001000001010001111010
1010001000001000011100110
0000101000001011100010011
1110101000001001110001111
0101101000001100011111000
1011101000001110001100100
0010011000001110011110111
1011011000001101000100101
1111111000001100101001100
0000100100001111110111010
1110010100001110101100111
0110001100001111001000111

option:1 block size3\*35 there is no zero window of the given size2,6 option:2 block size5\*21 there is no zero window of the given size2,6 option:3 block size5\*21 there is zero window of size 3,4 in block Number 4 and his left-top corner is 4,0 the place of the corner in the original series is 84 there is zero window of size 3,4 in block Number 9 and his left-top corner is 4,19 the place of the corner in the original series is 19 option:4 block size5\*21 there is no zero window of the given size4,3 option:5 block size7\*15 there is zero window of size 2,6 in block Number 4 and his left-top corner is 1,0 the place of the corner in the original series is 15

option:6

block size7\*15

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,5 the place of the corner in the original series is 35

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,7

the place of the corner in the original series is 7

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,4

the place of the corner in the original series is 49

there is zero window of size 6,2 in block Number 10 and his left-top corner is 0,6

the place of the corner in the original series is 21

there is zero window of size 6,2 in block Number 11 and his left-top corner is 0,7

the place of the corner in the original series is 7

there is zero window of size 6,2 in block Number 15 and his left-top corner is 0,9

the place of the corner in the original series is 84

there is zero window of size 6,2 in block Number 22 and his left-top corner is 0,14

the place of the corner in the original series is 14

option:7

block size7\*15

there is no zero window of the given size3,4

option:8

block size7\*15

there is zero window of size 4,3 in block Number 4 and his left-top corner is 0,5

the place of the corner in the original series is 35

**SIZE 117** 

Index:22

polyinom:1111111100001

series total size: 117

prime factors: 3 3 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

0110010000001001011010011
0001010000001101111011010
0101010000001011111010110
0011010000001110111011100
0100110000001010101010100
0010110000001111101011110
011011000000100110101010
0111110000001000001010001
0100001000001100001111001
0110101000001111111111111
0101101000001101011111011
1010011000001001010110011
1001011000001011110110110
1000111000001010100110100
1100111000001100100111000

0111100100001101010101011

1101010100001110111101100

10110101000010111111100110

10001011000011111111001110

option:1

there is no zero window of the given size3,4

option:2

there is zero window of size 4,3 in block Number 0 and his left-top corner is 7,9

the place of the corner in the original series is 61

there is zero window of size 4,3 in block Number 1 and his left-top corner is 6,7

the place of the corner in the original series is 33

option:3

there is zero window of size 2,6 in block Number 1 and his left-top corner is 8,5

the place of the corner in the original series is 44

there is zero window of size 2,6 in block Number 7 and his left-top corner is 0,6

the place of the corner in the original series is 45

option:4

there is no zero window of the given size6,2

Index:143

polyinom:1101000011101

series total size: 117

prime factors: 3 3 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001110100100001
110000000001001110110001
001000000001101001101001
011000000001010011111001
00010000000100000010101
010100000001111010000101
101100000001011101011101
111100000001100111001101
0100100000001101110111011
101010000001001001100011
1110100000001110011110011
100110000001100000011111
1101100000001011010001111
0011100000001111101010111
001001000001000011111100
0110010000001111001101100

010101000001010000010000
1011010000001110111001000
1111010000001001101011000
1110110000001011001100110
1101110000001110000011010
011111000000110110101010
1100001000001011011111011
0110001000001000110110011
1111001000001110010000111
0100101000001111011110001
0101011000001000101011010
1111011000001011000010010
0111111000001111000011000
1101100100001010000101010
0111100100001001101100010
1111010100001000111111101

1001110010001001111011000

0110011010001101001110100

option:1

there is no zero window of the given size3,4

option:2

there is zero window of size 4,3 in block Number 9 and his left-top corner is 6,8

the place of the corner in the original series is 60

there is zero window of size 4,3 in block Number 17 and his left-top corner is 8,8

the place of the corner in the original series is 8

option:3

there is zero window of size 2,6 in block Number 13 and his left-top corner is 0,12

the place of the corner in the original series is 90

there is zero window of size 2,6 in block Number 17 and his left-top corner is 1,6

the place of the corner in the original series is 19

option:4

there is no zero window of the given size6,2

Index :211

polyinom:1011100001011

series total size: 117

prime factors: 3 3 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001011000100111

101000000001100010111101
011000000001001110101110
000100000001000101101010
110100000001101001111001
00110000000111111111110000
111100000001010011100011
0100100000001010110000001
0110100000001101100011011
0001100000001100111011111
110110000001001011001100
0011100000001011101000101
1111100000001110001010110
1000010000001001001111101
01100100000010111111110100
0001010000001010100110000
0011010000001101110101010

0110110000001111101000001
0001110000001110110000101
1101110000001011010010110
0011110000001001100011111
1010001000001101010010000
0110001000001000110000011
00011010000011011111110010
1101101000001000011100001
0011101000001010101101000
00011110000011111110101000
1101111000001010010111011
0011000100001111011100110
11110001000010101111110101
1101100100001001111011010
1000010100001001101101011
10010100100010110111011

option:1

there is no zero window of the given size3,4

option:2

there is zero window of size 4,3 in block Number 8 and his left-top corner is 6,6

the place of the corner in the original series is 6

there is zero window of size 4,3 in block Number 20 and his left-top corner is 6,7

the place of the corner in the original series is 33

option:3

there is zero window of size 2,6 in block Number 13 and his left-top corner is 6,12

the place of the corner in the original series is 51

there is zero window of size 2,6 in block Number 20 and his left-top corner is 6,5

the place of the corner in the original series is 96

option:4

there is no zero window of the given size6,2

Index:289

polyinom:1111011110111

series total size: 117

prime factors: 3 3 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001100101010101

010000000001010111111111

001000000001001110101010

100100000001000010000000
0101000000001110000101010
0011000000001101001111111
1100100000001000100010101
101010000001011101000000
01101000000011011111101010
1101100000001100011000000
1011100000001111010010101
0111100000001001000111111
0000010000001011110001010
1100010000001101100100000
1010010000001110101110101
1011010000001010010100000
0010110000001100110011111
0011110000001000001001010
1100001000001111000111010

1010001000001100001101111
0001001000001101101000101
0101101000001001100000101
11111010000011001111111010
0100011000001000011100101
1001011000001010110011010
0110111000001111011110000
0111111000001011100100101
1000100100001010011110111
0100100100001100001011101
0100010100001001001101000
0110110100001110001111101
1101110100001111101010111
1110001100001110110001101
1010101100001010111001101 option:1

there is zero window of size 3,4 in block Number 12 and his left-top corner is 6,3

the place of the corner in the original series is 42

there is zero window of size 3,4 in block Number 20 and his left-top corner is 0,8

the place of the corner in the original series is 99

option:2

there is zero window of size 4,3 in block Number 12 and his left-top corner is 6,4

the place of the corner in the original series is 69

there is zero window of size 4,3 in block Number 20 and his left-top corner is 6,2

the place of the corner in the original series is 15

option:3

there is no zero window of the given size2,6

option:4

there is no zero window of the given size6,2

Index :311

polyinom: 110111101111

series total size: 117

prime factors: 3 3 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001101011100101

010000000001011110010111

001000000001000100101110

111000000001110001011100

000100000001001001110010

011100000001010011001011
1000100000001001111011100
0100100000001111010101110
0010100000001100000010111
0001100000001101101001011
1101100000001011000111001
0111100000001110111110010
0000010000001111001111001
1100010000001001100001011
1001010000001011011101110
1100110000001101000110010
1010110000001110010001011
0110110000001000111111001
1100001000001100010101011
1001001000001110101001110

001100100001011010000101
101010100001011100101011
011010100001101001011001
0011101000001111110111100
100001100000101010101
0010011000001101010001110
1101111000001110110011001
010100010000101111101100
1111000100001111000100111
1010100100001001011111011
0100010100001100111100111
01110101000011010111011
0011011100001100011110101
11001111000011111111100010
option:1
there is zero window of size 3,4 in block Number 8 and his left-top corner is 8,9
the place of the corner in the original series is 35
there is zero window of size 3,4 in block Number 25 and his left-top corner is 7,7

the place of the corner in the original series is 7 option:2 there is zero window of size 4,3 in block Number 8 and his left-top corner is 7,10 the place of the corner in the original series is 88 there is zero window of size 4,3 in block Number 25 and his left-top corner is 0,1 the place of the corner in the original series is 27 option:3 there is no zero window of the given size2,6 option:4 there is no zero window of the given size6,2 Index:332 polyinom:1000011111111 series total size: 117 prime factors: 3 3 13 window total size (polynomial degree): 12 total size factors: 2 2 3 The values in the vector are: 100000000001000011111010 010000000001100010000111 001000000001110010111001 111000000001010011000100 0001000000001111010100110 110100000001011011011011

0000100000001111110101001
101010000001001111101010
0110100000001101110010111
1001100000001000111110101
0101100000001100110001000
0011100000001110110110110
11111000000010101111001011
0000010000001111100101110
1100010000001011101010011
1010010000001001101101101
0110010000001101100010000
0101010000001100100001111
1111010000001010101001100
1101110000001011001011100
1011110000001001001100010
0111110000001101000011111

0101001000001100101100
0010101000001110001111101
0001101000001111001100010
0111101000001101001011100
100001100000100010111001
1101011000001011010011000
00001110000011111111101010
1100111000001011110010111
0100010100001100011100101
1111110100001010110101001
1010101100001001111001011
0111111100001101000111110
option:1
there is no zero window of the given size3,4
option:2
there is zero window of size 4,3 in block Number 0 and his left-top corner is 1,1
the place of the corner in the original series is 1
there is zero window of size 4,3 in block Number 1 and his left-top corner is 4,4
the place of the corner in the original series is 4

```
option:3
```

there is zero window of size 2,6 in block Number 1 and his left-top corner is 4,2

the place of the corner in the original series is 67

there is zero window of size 2,6 in block Number 10 and his left-top corner is 6,5

the place of the corner in the original series is 96

option:4

there is no zero window of the given size6,2

# **SIZE 195**

Index:5

polyinom:1010110000001

series total size: 195

prime factors: 3 5 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

110000000001111010110011
101000000001000111101010
111000000001101110000100
1001000000001011001000110
101100000001001101110001
1111000000001100100011111
1000100000001010110010000
11001000000011111111111110
1010100000001000010100111
1110100000001101011001001
1101100000001110101100101
1000010000001010001111011
1100010000001111000010101
1101010000001110010001110
1011010000001001111010111
1001110000001011110101101

```
1000001000001010010001110
1010101000001000011110100
1010011000001000100011111
01001001000011111111010111
option:1
block size3*65
there is no zero window of the given size2,6
option:2
block size13*15
there is zero window of size 2,6 in block Number 1 and his left-top corner is 8,0
the place of the corner in the original series is 60
option:3
block size13*15
there is no zero window of the given size6,2
option:4
block size13*15
there is no zero window of the given size3,4
option:5
block size13*15
there is zero window of size 4,3 in block Number 1 and his left-top corner is 7,2
the place of the corner in the original series is 137
```

option:6

block size5\*39

there is zero window of size 2,6 in block Number 1 and his left-top corner is 2,33 the place of the corner in the original series is 72

option:7

block size5\*39

there is zero window of size 3,4 in block Number 1 and his left-top corner is 1,33 the place of the corner in the original series is 111

option:8

block size5\*39

there is no zero window of the given size4,3

Index:10

polyinom:1110111000001

series total size: 195

prime factors: 3 5 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001101011000000

110000000001011110100000

101000000001110001110000

111000000001000100010000

111100000001001001001000
1000100000001101101101100
1100100000001011000001100
1010100000001110111011100
1001100000001100000110100
1101100000001010101010100
1111100000001001111100100
1000010000001101000010110
1101010000001010000101110
1100110000001011011011010
1110110000001000001101010
1101110000001010110000010
1011110000001111001010010
1111110000001001100110010
0011001000001111101000011
0110011000001000110101101

```
option:1
block size3*65
there is no zero window of the given size2,6
option:2
block size13*15
there is zero window of size 2,6 in block Number 2 and his left-top corner is 10,0
the place of the corner in the original series is 75
option:3
block size13*15
there is no zero window of the given size6,2
option:4
block size13*15
there is no zero window of the given size3,4
option:5
block size13*15
there is zero window of size 4,3 in block Number 2 and his left-top corner is 9,7
the place of the corner in the original series is 22
option:6
block size5*39
there is no zero window of the given size2,6
option:7
block size5*39
there is zero window of size 3,4 in block Number 2 and his left-top corner is 3,35
```

the place of the corner in the original series is 113

option:8 block size5\*39 there is no zero window of the given size4,3 Index:112 polyinom:1000000110101 series total size: 195 prime factors: 3 5 13 window total size (polynomial degree): 12 total size factors: 2 2 3 The values in the vector are: 100000000001000000110101 110000000001100000101111 001000000001010000111000 011000000001110000100010 100100000001101000101001

0011000000001111000100100

110100000001001000110011

0000100000001010100111011

1010100000001000100110110

10111000000110110010101
1111100000001001100110000
1110010000001011010111111
000101000000101010100
1111010000001110010100011
1001110000001010110111010
0011110000001000110110111
1000001000001110101100001
11000010000010101111011
0010001000001100101101100
1101000100001010011001
option :1
block size3*65
there is no zero window of the given size2,6
option:2
block size13*15
there is zero window of size 2,6 in block Number 1 and his left-top corner is 4,0

the place of the corner in the original series is 30

option:3

block size13\*15

there is no zero window of the given size6,2

option:4

block size13\*15

there is no zero window of the given size3,4

option:5

block size13\*15

there is zero window of size 4,3 in block Number 1 and his left-top corner is 3,9

the place of the corner in the original series is 159

option:6

block size5\*39

there is zero window of size 2,6 in block Number 1 and his left-top corner is 0,14

the place of the corner in the original series is 170

option:7

block size5\*39

there is zero window of size 3,4 in block Number 1 and his left-top corner is 0,16 the place of the corner in the original series is 55

option:8

block size5\*39

there is no zero window of the given size4,3

Index:227

polyinom:1110011101011

series total size: 195

prime factors: 3 5 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

```
1111100000001011111011110
0000010000001110000110001
1100010000001000111101101
1011010000001001010011010
1001110000001011010111000
1011110000001110110001010
1000011000001001000101001
option:1
block size3*65
there is no zero window of the given size2,6
option:2
block size13*15
there is zero window of size 2,6 in block Number 2 and his left-top corner is 6,0
the place of the corner in the original series is 45
option:3
block size13*15
there is no zero window of the given size6,2
option:4
block size13*15
```

there is no zero window of the given size3,4

option:5

block size13\*15

there is zero window of size 4,3 in block Number 2 and his left-top corner is 5,3

the place of the corner in the original series is 18

option:6

block size5\*39

there is no zero window of the given size2,6

option:7

block size5\*39

there is zero window of size 3,4 in block Number 2 and his left-top corner is 2,31

the place of the corner in the original series is 187

option:8

block size5\*39

there is no zero window of the given size4,3

Index:267

polyinom:1101011100111

series total size: 195

prime factors: 3 5 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001110111101101

010000000001001100011011

111000000001101010010110
1001000000001011111011101
010100000001100100101011
0011000000001111001010000
1111000000001000010100110
1000100000001100011110101
0100100000001011000000011
0010100000001000101111000
1110100000001111110001110
1001100000001001011000101
0011100000001101101001000
1111100000001010110111110
1100010000001000110010111
1010010000001011011101100
1011010000001110011011100

## 0001110000001000001001001

### 1101110000001111010111111

# 0001001000001100001101101

option:1

block size3\*65

there is no zero window of the given size2,6

option:2

block size13\*15

there is zero window of size 2,6 in block Number 2 and his left-top corner is 7,0 the place of the corner in the original series is 150

option:3

block size13\*15

there is no zero window of the given size6,2

option:4

block size13\*15

there is no zero window of the given size 3,4

option:5

block size13\*15

there is zero window of size 4,3 in block Number 2 and his left-top corner is 6,9 the place of the corner in the original series is 84

option:6

block size5\*39

there is no zero window of the given size2,6

option:7

block size5\*39

there is zero window of size 3,4 in block Number 2 and his left-top corner is 0,19

the place of the corner in the original series is 175

option:8

block size5\*39

there is no zero window of the given size4,3

Index :288

polyinom:1000001110111

series total size: 195

prime factors: 3 5 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001000001110110

010000000001100001001101

001000000001110001010000

111000000001010001101011

1001000000001111001011110

001100000001001001111000

option :1

block size3\*65

there is no zero window of the given size2,6

option:2

block size13\*15

there is zero window of size 2,6 in block Number 3 and his left-top corner is 3,0 the place of the corner in the original series is 120

option:3

block size13\*15

there is no zero window of the given size6,2

option:4

block size13\*15

there is no zero window of the given size3,4

option:5

block size13\*15

there is zero window of size 4,3 in block Number 3 and his left-top corner is 2,5 the place of the corner in the original series is 80

option:6

block size5\*39

there is no zero window of the given size2,6

option:7

block size5\*39

there is zero window of size 3,4 in block Number 3 and his left-top corner is 4,15 the place of the corner in the original series is 54

option:8

block size5\*39

there is no zero window of the given size4,3

Index :306

polyinom:1111110101111

series total size: 195

prime factors: 3 5 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001100001000101

010000000001010001100111

001000000001001001110110

111000000001111001010100

110100000001110101011100

101100000001101101001101

0111000000001011101101111

1000100000001000011111010

0100100000001110011011000

1110100000001011011101011

1101100000001010111100011

```
0110010000001101000001011
0000110000001010010100101
1010110000001111010010110
0110110000001001010110100
1111110000001101110001111
1000001000001011001001000
0111001000001100101100010
1111011000001110100111101
1001000100001011001111000
option:1
block size3*65
there is no zero window of the given size2,6
option:2
block size13*15
there is zero window of size 2,6 in block Number 0 and his left-top corner is 7,0
the place of the corner in the original series is 150
option:3
```

block size13\*15

there is no zero window of the given size6,2

option:4

block size13\*15

there is no zero window of the given size3,4

option:5

block size13\*15

there is zero window of size 4,3 in block Number 0 and his left-top corner is 6,4 the place of the corner in the original series is 19

option:6

block size5\*39

there is zero window of size 2,6 in block Number 0 and his left-top corner is 3,32 the place of the corner in the original series is 188

option:7

block size5\*39

there is zero window of size 3,4 in block Number 0 and his left-top corner is 3,32 the place of the corner in the original series is 188

option:8

block size5\*39

there is no zero window of the given size4,3

Index:326

polyinom:11110101111111

series total size: 195

prime factors: 3 5 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001100100001110
010000000001010110001001
001000000001001111001010
111000000001111101001101
1101000000001110001101100
1011000000001101000101111
0111000000001011010101000
0000100000001000101111011
1010100000001101110111111
0110100000001011100111000
0011100000001001001011010
1100010000001110100110100
1010010000001101101110111
1001010000001100001010110
0011010000001001010010010
1000110000001100111000110

```
11101100000011111110000101
1000001000001000111010111
0100001000001110101010000
1110001000001011110010100
0100010100001100101011000
option:1
block size3*65
there is no zero window of the given size2,6
option:2
block size13*15
there is zero window of size 2,6 in block Number 0 and his left-top corner is 4,0
the place of the corner in the original series is 30
option:3
block size13*15
there is no zero window of the given size6,2
option:4
block size13*15
there is no zero window of the given size3,4
option:5
block size13*15
```

there is zero window of size 4,3 in block Number 0 and his left-top corner is 3,6 the place of the corner in the original series is 81

option:6

block size5\*39

there is zero window of size 2,6 in block Number 0 and his left-top corner is 3,14 the place of the corner in the original series is 53

option:7

block size5\*39

there is zero window of size 3,4 in block Number 0 and his left-top corner is 2,16 the place of the corner in the original series is 172

option:8

block size5\*39

there is no zero window of the given size4,3

# **SIZE 273**

Index:18

polyinom:1111001100001

series total size: 273

prime factors: 3 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001100111100001

110000000001010100010001

101000000001111110011001

101100000001110010100101
111100000001000001010101
1110100000001001011110111
1001100000001101101000011
1011100000001110100111011
0010010000001111101010110
0110010000001001110100110
0001110000001101110001100
0101101000001101100100100
1101011000001101001110101
1000111000001010000100111
option :1
block size3*91
there is no zero window of the given size2,6
option :2
block size13*21

there is no zero window of the given size 2,6

option:3

block size13\*21

there is no zero window of the given size6,2

option:4

block size13\*21

there is zero window of size 3,4 in block Number 7 and his left-top corner is 6,16 the place of the corner in the original series is 58

there is zero window of size 3,4 in block Number 10 and his left-top corner is 6,0 the place of the corner in the original series is 84

option:5

block size13\*21

there is zero window of size 4,3 in block Number 4 and his left-top corner is 8,5 the place of the corner in the original series is 47 there is zero window of size 4,3 in block Number 7 and his left-top corner is 12,4

the place of the corner in the original series is 25

option:6

block size7\*39

there is zero window of size 2,6 in block Number 5 and his left-top corner is 5,5 the place of the corner in the original series is 5

option:7

block size7\*39

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,3 the place of the corner in the original series is 42

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,15 the place of the corner in the original series is 210

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,7

the place of the corner in the original series is  $7\,$ 

there is zero window of size 6,2 in block Number 10 and his left-top corner is 0,6

the place of the corner in the original series is 84

there is zero window of size 6,2 in block Number 12 and his left-top corner is 0,23

the place of the corner in the original series is 140

option:8

block size7\*39

there is no zero window of the given size3,4

option:9

block size7\*39

there is zero window of size 4,3 in block Number 5 and his left-top corner is 0,7

the place of the corner in the original series is 7

Index:26

polyinom:1000110010001

series total size: 273

prime factors: 3 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001000110000100

110000000001100101000110

101000000001010111100101

111000000001110100100111

```
110100000001101101110110
0010100000001010011111101
0001100000001001010101100
0101100000001101001101110
0011100000001011011001101
1100010000001000100001000
1001010000001101111111010
1101010000001001100111000
0010110000001110010110011
1010001000001000111000010
option:1
block size3*91
there is no zero window of the given size2,6
option:2
block size13*21
there is no zero window of the given size2,6
option:3
```

block size13\*21

there is zero window of size 6,2 in block Number 0 and his left-top corner is 4,10 the place of the corner in the original series is 199

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,5 the place of the corner in the original series is 26

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,6 the place of the corner in the original series is 195

there is zero window of size 6,2 in block Number 6 and his left-top corner is 7,14 the place of the corner in the original series is 98

there is zero window of size 6,2 in block Number 7 and his left-top corner is 5,9 the place of the corner in the original series is 135

option:4

block size13\*21

there is zero window of size 3,4 in block Number 0 and his left-top corner is 6,8 the place of the corner in the original series is 71 there is zero window of size 3,4 in block Number 1 and his left-top corner is 0,4 the place of the corner in the original series is 130 there is zero window of size 3,4 in block Number 2 and his left-top corner is 2,4 the place of the corner in the original series is 67

option:5

block size13\*21

there is zero window of size 4,3 in block Number 0 and his left-top corner is 5,9 the place of the corner in the original series is 135

there is zero window of size 4,3 in block Number 1 and his left-top corner is 0,4 the place of the corner in the original series is 130

there is zero window of size 4,3 in block Number 2 and his left-top corner is 1,5 the place of the corner in the original series is 131

there is zero window of size 4,3 in block Number 6 and his left-top corner is 8,13 the place of the corner in the original series is 34

there is zero window of size 4,3 in block Number 7 and his left-top corner is 6,8

the place of the corner in the original series is 71

option:6

block size7\*39

there is zero window of size 2,6 in block Number 11 and his left-top corner is 3,6 the place of the corner in the original series is 45

option:7

block size7\*39

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,2 the place of the corner in the original series is 119

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,30 the place of the corner in the original series is 147

there is zero window of size 6,2 in block Number 9 and his left-top corner is 0,30 the place of the corner in the original series is 147

there is zero window of size 6,2 in block Number 11 and his left-top corner is 0,7 the place of the corner in the original series is 7

there is zero window of size 6,2 in block Number 13 and his left-top corner is 0,37 the place of the corner in the original series is 154

option:8

block size7\*39

there is no zero window of the given size3,4

option:9

block size7\*39

there is zero window of size 4,3 in block Number 11 and his left-top corner is 0,7 the place of the corner in the original series is 7

Index:37

polyinom:1000100110001

series total size: 273

prime factors: 3 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

### 1110001000001000101100100

option:1

block size3\*91

there is no zero window of the given size2,6

option:2

block size13\*21

there is no zero window of the given size2,6

option:3

block size13\*21

there is zero window of size 6,2 in block Number 0 and his left-top corner is 2,1

the place of the corner in the original series is 106

there is zero window of size 6,2 in block Number 1 and his left-top corner is 2,2

the place of the corner in the original series is 2

there is zero window of size 6,2 in block Number 2 and his left-top corner is 7,7

the place of the corner in the original series is 7

there is zero window of size 6,2 in block Number 6 and his left-top corner is 6,6

the place of the corner in the original series is 6

there is zero window of size 6,2 in block Number 7 and his left-top corner is 4,1

the place of the corner in the original series is 43

option:4

block size13\*21

there is zero window of size 3,4 in block Number 0 and his left-top corner is 4,1

the place of the corner in the original series is 43

there is zero window of size 3,4 in block Number 1 and his left-top corner is 9,6

the place of the corner in the original series is 48

there is zero window of size 3,4 in block Number 2 and his left-top corner is 9,7 the place of the corner in the original series is 217

option:5

block size13\*21

there is zero window of size 4,3 in block Number 0 and his left-top corner is 3,1 the place of the corner in the original series is 211

there is zero window of size 4,3 in block Number 1 and his left-top corner is 3,2 the place of the corner in the original series is 107

there is zero window of size 4,3 in block Number 2 and his left-top corner is 8,7 the place of the corner in the original series is 112

there is zero window of size 4,3 in block Number 6 and his left-top corner is 7,6 the place of the corner in the original series is 111

there is zero window of size 4,3 in block Number 7 and his left-top corner is 5,1 the place of the corner in the original series is 148

option:6

block size7\*39

there is zero window of size 2,6 in block Number 12 and his left-top corner is 6,6 the place of the corner in the original series is 6

option:7

block size7\*39

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,10 the place of the corner in the original series is 49

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,22 the place of the corner in the original series is 217

there is zero window of size 6,2 in block Number 8 and his left-top corner is 0,24 the place of the corner in the original series is 63

there is zero window of size 6,2 in block Number 12 and his left-top corner is 0,8 the place of the corner in the original series is 203

there is zero window of size 6,2 in block Number 13 and his left-top corner is 0,18 the place of the corner in the original series is 252

option:8

block size7\*39

there is no zero window of the given size3,4

option:9

block size7\*39

there is zero window of size 4,3 in block Number 12 and his left-top corner is 0,8

the place of the corner in the original series is 203

Index:42

polyinom:1100011110001

series total size: 273

prime factors: 3 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001111100111001

1100000000001000010100101

101000000001100011110111

111000000001011101101011

1001000000001110011011110

110100000001001101000010

```
111100000001010010001100
0000100000001111011001010
0100100000001000101010110
0010100000001100100000100
0110100000001011010011000
0101100000001001010110001
0011100000001101011100011
0011010000001010001110101
option:1
block size3*91
there is no zero window of the given size2,6
option:2
block size13*21
there is no zero window of the given size2,6
option:3
block size13*21
there is zero window of size 6,2 in block Number 2 and his left-top corner is 5,16
the place of the corner in the original series is 226
```

there is zero window of size 6,2 in block Number 11 and his left-top corner is 7,2

the place of the corner in the original series is 254

option:4

block size13\*21

there is zero window of size 3,4 in block Number 2 and his left-top corner is 7,14 the place of the corner in the original series is 98 there is zero window of size 3,4 in block Number 11 and his left-top corner is 2,19 the place of the corner in the original series is 145

option:5

block size13\*21

there is no zero window of the given size4,3

option:6

block size7\*39

there is zero window of size 2,6 in block Number 1 and his left-top corner is 2,31 the place of the corner in the original series is 226

option:7

block size7\*39

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,10 the place of the corner in the original series is 49

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,4 the place of the corner in the original series is 238

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,7

the place of the corner in the original series is 7

there is zero window of size 6,2 in block Number 10 and his left-top corner is 0,0

the place of the corner in the original series is 0

there is zero window of size 6,2 in block Number 11 and his left-top corner is 0,10

the place of the corner in the original series is 49

```
option:8
block size7*39
there is no zero window of the given size3,4
option:9
block size7*39
there is zero window of size 4,3 in block Number 1 and his left-top corner is 0,32
the place of the corner in the original series is 266
Index:125
polyinom:1111110001101
series total size: 273
prime factors: 3 7 13
window total size (polynomial degree): 12
total size factors: 2 2 3
The values in the vector are:
100000000001100001101111
110000000001010001011000
001000000001111001110100
011000000001001001000011
0001000000001011101010101
010100000001101101100010
101100000001000101001110
```

11001000000011111111110010 0010100000001010111011110 0110100000001100111101001 0001100000001110011111111 1000010000001110110111010 0010010000001101110100001 0010101000001011100110100 option:1 block size3\*91 there is no zero window of the given size2,6 option:2 block size13\*21 there is no zero window of the given size2,6 option:3 block size13\*21 there is zero window of size 6,2 in block Number 0 and his left-top corner is 11,7 the place of the corner in the original series is 154 there is zero window of size 6,2 in block Number 13 and his left-top corner is 1,12 the place of the corner in the original series is 222

option:4

block size13\*21

there is zero window of size 3,4 in block Number 7 and his left-top corner is 5,7 the place of the corner in the original series is 70 there is zero window of size 3,4 in block Number 13 and his left-top corner is 9,9 the place of the corner in the original series is 9

option:5

block size13\*21

there is no zero window of the given size4,3

option:6

block size7\*39

there is zero window of size 2,6 in block Number 5 and his left-top corner is 0,22 the place of the corner in the original series is 217

option:7

block size7\*39

there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,6 the place of the corner in the original series is 84

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,9 the place of the corner in the original series is 126

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,8 the place of the corner in the original series is 203

there is zero window of size 6,2 in block Number 7 and his left-top corner is 0,5 the place of the corner in the original series is 161

there is zero window of size 6,2 in block Number 10 and his left-top corner is 0,38 the place of the corner in the original series is 77

option:8

block size7\*39

there is no zero window of the given size3,4

option:9

block size7\*39

there is zero window of size 4,3 in block Number 5 and his left-top corner is 0,24

the place of the corner in the original series is 63

Index:185

polyinom:1000111100011

series total size: 273

prime factors: 3 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001000111110111

010000000001100100001100

101000000001110101110001

0110000000001010110001010

100100000001011110110100

0101000000001111101001111

101100000001101100110010

0111000000001001111001001

1000100000001001011010110

0110100000001011010101011 1001100000001010010010101 0101100000001110001101110 0111100000001000011101000 0001010000001011000100100 option:1 block size3\*91 there is no zero window of the given size2,6 option:2 block size13\*21 there is no zero window of the given size2,6 option:3 block size13\*21 there is zero window of size 6,2 in block Number 3 and his left-top corner is 3,18 the place of the corner in the original series is 81 there is zero window of size 6,2 in block Number 10 and his left-top corner is 4,13 the place of the corner in the original series is 160 option:4

there is zero window of size 3,4 in block Number 3 and his left-top corner is 5,17 the place of the corner in the original series is 122

block size13\*21

there is zero window of size 3,4 in block Number 10 and his left-top corner is 12,15 the place of the corner in the original series is 246

option:5

block size13\*21

there is no zero window of the given size4,3

option:6

block size7\*39

there is zero window of size 2,6 in block Number 1 and his left-top corner is 3,16 the place of the corner in the original series is 94

option:7

block size7\*39

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,2 the place of the corner in the original series is 119

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,5 the place of the corner in the original series is 161

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,7 the place of the corner in the original series is 7

there is zero window of size 6,2 in block Number 10 and his left-top corner is 0,5 the place of the corner in the original series is 161

there is zero window of size 6,2 in block Number 11 and his left-top corner is 0,15 the place of the corner in the original series is 210

option:8

block size7\*39

there is no zero window of the given size3,4

option:9

block size7\*39

there is zero window of size 4,3 in block Number 1 and his left-top corner is 0,18

the place of the corner in the original series is 252

Index :194

polyinom:1111101010011

series total size: 273

prime factors: 3 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001100010000000

101000000001001011100000

100100000001110110110000

101100000001011111010000

0000100000001101000011000

0001100000001111100101000

0100010000001100111001100

0110010000001001110101100

0101010000001110011111100

1100001000001001001000110

0110101000001101010111110 1011111000001111011000010 1011000100001100011010011 0011100100001101001001011 option:1 block size3\*91 there is no zero window of the given size2,6 option:2 block size13\*21 there is no zero window of the given size2,6 option:3 block size13\*21 there is no zero window of the given size6,2 option:4 block size13\*21 there is zero window of size 3,4 in block Number 0 and his left-top corner is 8,20

there is zero window of size 3,4 in block Number 0 and his left-top corner is 8,20 the place of the corner in the original series is 125

there is zero window of size 3,4 in block Number 4 and his left-top corner is 8,10 the place of the corner in the original series is 73

option:5

block size13\*21

there is zero window of size 4,3 in block Number 0 and his left-top corner is 1,20

the place of the corner in the original series is 209
there is zero window of size 4,3 in block Number 4 and his left-top corner is 7,10
the place of the corner in the original series is 241

option:6

block size7\*39

there is zero window of size 2,6 in block Number 6 and his left-top corner is 1,23 the place of the corner in the original series is 218

option:7

block size7\*39

there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,3 the place of the corner in the original series is 42

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,1 the place of the corner in the original series is 196

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,8 the place of the corner in the original series is 203

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,2 the place of the corner in the original series is 119

there is zero window of size 6,2 in block Number 8 and his left-top corner is 0,26 the place of the corner in the original series is 182

option:8

block size7\*39

there is no zero window of the given size3,4

option:9

block size7\*39

there is zero window of size 4,3 in block Number 6 and his left-top corner is 0,24 the place of the corner in the original series is 63

Index:261

polyinom:1110110100111

series total size: 273

prime factors: 3 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

# 0011001000001010110100011

### 1011100100001101110011110

option:1

block size3\*91

there is no zero window of the given size2,6

option:2

block size13\*21

there is no zero window of the given size2,6

option:3

block size13\*21

there is no zero window of the given size6,2

option:4

block size13\*21

there is zero window of size 3,4 in block Number 3 and his left-top corner is 9,9

the place of the corner in the original series is 9

there is zero window of size 3,4 in block Number 4 and his left-top corner is 6,18

the place of the corner in the original series is 123

option:5

block size13\*21

there is no zero window of the given size4,3

option:6

block size7\*39

there is zero window of size 2,6 in block Number 12 and his left-top corner is 6,23 the place of the corner in the original series is 62

option:7

block size7\*39

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,15 the place of the corner in the original series is 210

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,6 the place of the corner in the original series is 84

there is zero window of size 6,2 in block Number 7 and his left-top corner is 0,23 the place of the corner in the original series is 140

there is zero window of size 6,2 in block Number 12 and his left-top corner is 0,9 the place of the corner in the original series is 126

there is zero window of size 6,2 in block Number 13 and his left-top corner is 0,8 the place of the corner in the original series is 203

option:8

block size7\*39

there is no zero window of the given size3,4

option:9

block size7\*39

there is zero window of size 4,3 in block Number 12 and his left-top corner is 0,25

Index:286

polyinom:1110010110111

the place of the corner in the original series is 259

series total size: 273

prime factors: 3 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

1000000000011011111110010
010000000001011000001011
001000000001000011110111
111000000001110100001110
001100000001100010001100
1111000000001010101110101
0000100000001111111001111
1100100000001001000110110
1010100000001010011001010
1011100000001110010110001
0000010000001010000010101
0111010000001101010010010
0010110000001101100101101
0110101000001001100111001

block size3\*91 there is no zero window of the given size2,6

option:2

block size13\*21

there is no zero window of the given size2,6

option:3

block size13\*21

there is no zero window of the given size6,2

option:4

block size13\*21

there is zero window of size 3,4 in block Number 3 and his left-top corner is 3,2 the place of the corner in the original series is 107

there is zero window of size 3,4 in block Number 5 and his left-top corner is 7,14 the place of the corner in the original series is 98

option:5

block size13\*21

there is no zero window of the given size4,3

option:6

block size7\*39

there is zero window of size 2,6 in block Number 11 and his left-top corner is 3,28 the place of the corner in the original series is 262

option:7

block size7\*39

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,37 the place of the corner in the original series is 154

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,4

the place of the corner in the original series is 238

there is zero window of size 6,2 in block Number 8 and his left-top corner is 0,31

the place of the corner in the original series is 70

there is zero window of size 6,2 in block Number 11 and his left-top corner is 0,7

the place of the corner in the original series is 7

there is zero window of size 6,2 in block Number 13 and his left-top corner is 0,9

the place of the corner in the original series is 126

option:8

block size7\*39

there is no zero window of the given size3,4

option:9

block size7\*39

there is zero window of size 4,3 in block Number 11 and his left-top corner is 0,29

the place of the corner in the original series is 224

Index:299

polyinom:1000011001111

series total size: 273

prime factors: 3 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001000011001010

010000000001100010101111

111000000001010011111000

110100000001011011100001
011100000001101010110110
1000100000001111110001000
0100100000001011111101101
1011100000001110110010001
0010010000001101100111100
1110010000001001101011001
1110110000001110000011011
1100001000001101101111111
1010001000001111101001101
1001011000001101011110101
option :1
block size3*91
there is no zero window of the given size2,6
option :2
block size13*21

there is no zero window of the given size 2,6

option:3

block size13\*21

there is no zero window of the given size6,2

the place of the corner in the original series is 35

option:4

block size13\*21

there is zero window of size 3,4 in block Number 6 and his left-top corner is 9,9 the place of the corner in the original series is 9 there is zero window of size 3,4 in block Number 10 and his left-top corner is 9,14

option:5

block size13\*21

there is zero window of size 4,3 in block Number 5 and his left-top corner is 3,8 the place of the corner in the original series is 29 there is zero window of size 4,3 in block Number 6 and his left-top corner is 2,1 the place of the corner in the original series is 106

option:6

block size7\*39

there is zero window of size 2,6 in block Number 3 and his left-top corner is 2,5 the place of the corner in the original series is 44

option:7

block size7\*39

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,9 the place of the corner in the original series is 126 there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,6 the place of the corner in the original series is 84 there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,38

the place of the corner in the original series is 77

there is zero window of size 6,2 in block Number 10 and his left-top corner is 0,6

the place of the corner in the original series is 84

there is zero window of size 6,2 in block Number 12 and his left-top corner is 0,9

the place of the corner in the original series is 126

option:8

block size7\*39

there is no zero window of the given size3,4

option:9

block size7\*39

there is zero window of size 4,3 in block Number 3 and his left-top corner is 0,6

the place of the corner in the original series is 84

Index:319

polyinom:1100101011111

series total size: 273

prime factors: 3 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001111011111111

001000000001011000111111

1101000000001101010011111

0111000000001001001011111

```
1111100000001100010101111
0100010000001101110000111
1011010000001011100100111
1100110000001000101110111
0110001000001110001000011
1001001000001000011100011
0001101000001101000010011
1101111000001111101101011
0101100100001110110010001
0100010100001011001111001
option:1
block size3*91
there is no zero window of the given size2,6
option:2
block size13*21
there is no zero window of the given size2,6
option:3
```

block size13\*21

there is no zero window of the given size6,2

option:4

block size13\*21

there is zero window of size 3,4 in block Number 0 and his left-top corner is 2,10 the place of the corner in the original series is 262

there is zero window of size 3,4 in block Number 4 and his left-top corner is 2,15 the place of the corner in the original series is 15

option:5

block size13\*21

there is zero window of size 4,3 in block Number 0 and his left-top corner is 8,11 the place of the corner in the original series is 242

there is zero window of size 4,3 in block Number 4 and his left-top corner is 1,17 the place of the corner in the original series is 248

option:6

block size7\*39

there is zero window of size 2,6 in block Number 8 and his left-top corner is 1,28 the place of the corner in the original series is 106

option:7

block size7\*39

there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,8 the place of the corner in the original series is 203

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,13 the place of the corner in the original series is 91

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,15 the place of the corner in the original series is 210

there is zero window of size 6,2 in block Number 7 and his left-top corner is 0,37 the place of the corner in the original series is 154

there is zero window of size 6,2 in block Number 8 and his left-top corner is 0,14 the place of the corner in the original series is 14

option:8

block size7\*39

there is no zero window of the given size3,4

option:9

block size7\*39

there is zero window of size 4,3 in block Number 8 and his left-top corner is 0,30

the place of the corner in the original series is 147

Index:324

polyinom:1011000111111

series total size: 273

prime factors: 3 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001011100010010

0100000000001110010011011

001000000001100101011111

111000000001001011010110

0001000000001101110111101

110100000001000000110100

```
0000100000001101011001100
1010100000001010010000001
1001100000001011001100011
0011100000001100000101110
1111100000001001110100111
1000110000001011110101010
1110110000001001001101110
1011001000001100011001010
option:1
block size3*91
there is no zero window of the given size2,6
option:2
block size13*21
there is no zero window of the given size2,6
option:3
block size13*21
there is zero window of size 6,2 in block Number 0 and his left-top corner is 8,4
the place of the corner in the original series is 151
there is zero window of size 6,2 in block Number 13 and his left-top corner is 11,4
```

the place of the corner in the original series is 193

option:4

block size13\*21

there is zero window of size 3,4 in block Number 7 and his left-top corner is 5,4 the place of the corner in the original series is 109 there is zero window of size 3,4 in block Number 13 and his left-top corner is 6,5 the place of the corner in the original series is 110

option:5

block size13\*21

there is no zero window of the given size4,3

option:6

block size7\*39

there is zero window of size 2,6 in block Number 6 and his left-top corner is 0,27 the place of the corner in the original series is 105

option:7

block size7\*39

there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,5 the place of the corner in the original series is 161

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,4 the place of the corner in the original series is 238

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,6 the place of the corner in the original series is 84

there is zero window of size 6,2 in block Number 7 and his left-top corner is 0,2 the place of the corner in the original series is 119

there is zero window of size 6,2 in block Number 9 and his left-top corner is 0,16 the place of the corner in the original series is 133

```
option:8
```

block size7\*39

there is no zero window of the given size3,4

option:9

block size7\*39

there is zero window of size 4,3 in block Number 6 and his left-top corner is 0,28

the place of the corner in the original series is 28

# **SIZE 315**

### Index:2

polyinom: 110100000001

series total size: 315

prime factors: 3 3 5 7

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001101000110101

110000000001011100101111

101000000001110010111000

1110000000001000110100010

1001000000001100101110011

1101000000001010001101001

10110000000011111111111110

1000100000001101110010110 1001100000001100011010000 1011100000001111001011101 1100010000001011111111110 1101010000001010010111000 option:1 block size9\*35 there is zero window of size 2,6 in block Number 5 and his left-top corner is 2,13 the place of the corner in the original series is 83 option:2 block size9\*35 there is no zero window of the given size6,2 option:3 block size9\*35 there is no zero window of the given size3,4 option:4 block size9\*35 there is zero window of size 4,3 in block Number 11 and his left-top corner is 5,2 the place of the corner in the original series is 212 option:5

block size7\*45

there is no zero window of the given size2,6

option:6

block size7\*45

there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,5 the place of the corner in the original series is 140

option:7

block size7\*45

there is no zero window of the given size3,4

option:8

block size7\*45

there is zero window of size 4,3 in block Number 9 and his left-top corner is 0,22 the place of the corner in the original series is 112

option:9

block size5\*63

there is no zero window of the given size2,6

option:10

block size5\*63

there is zero window of size 3,4 in block Number 0 and his left-top corner is 0,32 the place of the corner in the original series is 95

option:11

block size5\*63

there is no zero window of the given size4,3

Index:54

polyinom:1010001001001

series total size: 315

prime factors: 3 3 5 7

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

```
block size9*35
there is no zero window of the given size2,6
option:2
block size9*35
there is no zero window of the given size6,2
option:3
block size9*35
there is zero window of size 3,4 in block Number 12 and his left-top corner is 0,9
the place of the corner in the original series is 9
option:4
block size9*35
there is no zero window of the given size4,3
option:5
block size7*45
there is no zero window of the given size2,6
option:6
block size7*45
there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,8
the place of the corner in the original series is 98
option:7
block size7*45
there is no zero window of the given size3,4
option:8
block size7*45
```

there is zero window of size 4,3 in block Number 2 and his left-top corner is 0,14 the place of the corner in the original series is 14

option:9

block size5\*63

there is no zero window of the given size2,6

option:10

block size5\*63

there is zero window of size 3,4 in block Number 0 and his left-top corner is 2,15 the place of the corner in the original series is 267

option:11

block size5\*63

there is no zero window of the given size4,3

Index:90

polyinom :1001001000101

series total size: 315

prime factors: 3 3 5 7

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001001000001100

110000000001101100001010

001000000001011010001111

0110000000001111110001001

0011000000001110111001000 0111000000001010011001110 1000100000001011110101111 1100100000001111010101001 0010100000001001100101100 1000110000001010101111110 0010110000001000111111101 option:1 block size9\*35 there is no zero window of the given size2,6 option:2 block size9\*35 there is no zero window of the given size6,2 option:3 block size9\*35 there is zero window of size 3,4 in block Number 11 and his left-top corner is 6,5 the place of the corner in the original series is 285

1101000000001000001001101

option:4

block size9\*35
there is no zero window of the given size4,3
option :5
block size7\*45

there is no zero window of the given size2,6

option:6

block size7\*45

there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,3 the place of the corner in the original series is 273

option:7

block size7\*45

there is no zero window of the given size3,4

option:8

block size7\*45

there is zero window of size 4,3 in block Number 2 and his left-top corner is 0,43 the place of the corner in the original series is 133

option:9

block size5\*63

there is no zero window of the given size2,6

option:10

block size5\*63

there is zero window of size 3,4 in block Number 0 and his left-top corner is 3,18 the place of the corner in the original series is 18

option:11

block size5\*63

there is no zero window of the given size4,3

Index:110

polyinom:1101001010101

series total size: 315

prime factors: 3 3 5 7

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001110101111110

1100000000001001111000001

001000000001101000100001

011000000001010010011110

100100000001000001101110

1101000000001111011010001

0011000000001011100110001

0000100000001101111110110

1010100000001110010101001

0001100000001011011100110

0101100000001100001011001

# 0111010000001010001110101

option:7

```
option:1
block size9*35
there is no zero window of the given size2,6
option:2
block size9*35
there is no zero window of the given size6,2
option:3
block size9*35
there is no zero window of the given size3,4
option:4
block size9*35
there is zero window of size 4,3 in block Number 7 and his left-top corner is 3,9
the place of the corner in the original series is 219
option:5
block size7*45
there is no zero window of the given size2,6
option:6
block size7*45
there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,9
the place of the corner in the original series is 189
```

block size7\*45

there is no zero window of the given size3,4

option:8

block size7\*45

there is zero window of size 4,3 in block Number 0 and his left-top corner is 0,9

the place of the corner in the original series is 189

option:9

block size5\*63

there is no zero window of the given size2,6

option:10

block size5\*63

there is zero window of size 3,4 in block Number 2 and his left-top corner is 0,4

the place of the corner in the original series is 130

option:11

block size5\*63

there is no zero window of the given size4,3

Index:186

polyinom:1101111100011

series total size: 315

prime factors: 3 3 5 7

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001110010100011

option:1 block size9\*35 there is no zero window of the given size2,6 option:2 block size9\*35 there is no zero window of the given size6,2

option:3

block size9\*35 there is no zero window of the given size3,4 option:4 block size9\*35 there is zero window of size 4,3 in block Number 4 and his left-top corner is 2,4 the place of the corner in the original series is 74 option:5 block size7\*45 there is no zero window of the given size2,6 option:6 block size7\*45 there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,21 the place of the corner in the original series is 21 option:7 block size7\*45 there is no zero window of the given size3,4 option:8 block size7\*45 there is zero window of size 4,3 in block Number 7 and his left-top corner is 0,5 the place of the corner in the original series is 140 option:9

option:10

block size5\*63

there is no zero window of the given size2,6

block size5\*63

there is zero window of size 3,4 in block Number 6 and his left-top corner is 2,23 the place of the corner in the original series is 212

option:11

block size5\*63

there is no zero window of the given size4,3

Index :217

polyinom:

1010101001011

series total size: 315

prime factors: 3 3 5 7

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001010000011111

010000000001111000010000

101000000001101100010111

011000000001000100011000

0001000000001001110011011

1101000000001100110010100

1111000000001011010011100

1000100000001110111010010

0110100000001100011010101 0001100000001101001010110 0011100000001010101011110 0001010000001011101111101 option:1 block size9\*35 there is no zero window of the given size2,6 option:2 block size9\*35 there is no zero window of the given size6,2 option:3 block size9\*35 there is no zero window of the given size3,4 option:4 block size9\*35 there is zero window of size 4,3 in block Number 8 and his left-top corner is 6,6 the place of the corner in the original series is 6 option:5 block size7\*45 there is no zero window of the given size2,6

option:6

block size7\*45

there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,1 the place of the corner in the original series is 91

option:7

block size7\*45

there is no zero window of the given size3,4

option:8

block size7\*45

there is zero window of size 4,3 in block Number 0 and his left-top corner is 0,1 the place of the corner in the original series is 91

option:9

block size5\*63

there is no zero window of the given size2,6

option:10

block size5\*63

there is zero window of size 3,4 in block Number 3 and his left-top corner is 2,6 the place of the corner in the original series is 132

option:11

block size5\*63

there is no zero window of the given size4,3

Index :218

polyinom:

1111101001011

series total size: 315

prime factors: 3 3 5 7

window total size (polynomial degree): 12

total size factors: 2 2 3

option:1

block size9\*35

there is zero window of size 2,6 in block Number 4 and his left-top corner is 6,25 the place of the corner in the original series is 60

```
option:2
block size9*35
there is no zero window of the given size6,2
option:3
block size9*35
there is no zero window of the given size3,4
option:4
block size9*35
there is zero window of size 4,3 in block Number 5 and his left-top corner is 3,20
the place of the corner in the original series is 300
option:5
block size7*45
there is no zero window of the given size2,6
option:6
block size7*45
there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,5
the place of the corner in the original series is 140
option:7
block size7*45
there is no zero window of the given size3,4
option:8
block size7*45
there is zero window of size 4,3 in block Number 9 and his left-top corner is 0,9
the place of the corner in the original series is 189
```

```
option:9
block size5*63
there is no zero window of the given size 2,6
option:10
block size5*63
there is zero window of size 3,4 in block Number 2 and his left-top corner is 0,50
the place of the corner in the original series is 50
option:11
block size5*63
there is no zero window of the given size4,3
Index :248
polyinom:
1100011111011
series total size: 315
prime factors: 3 3 5 7
window total size (polynomial degree): 12
total size factors: 2 2 3
The values in the vector are:
100000000001111100110001
010000000001000010101001
101000000001011101100101
0001000000001101100011011
1101000000001010010000011
```

```
00001000000010010111100
1100100000001110100100100
1110100000001010101110000
0010010000001111000111011
1110010000001000110100011
0010001000001110001010010
1110001000001001111001010
option:1
block size9*35
there is no zero window of the given size2,6
option:2
block size9*35
there is no zero window of the given size6,2
option:3
block size9*35
there is no zero window of the given size3,4
option:4
block size9*35
there is zero window of size 4,3 in block Number 4 and his left-top corner is 1,9
the place of the corner in the original series is 289
```

```
option:5
block size7*45
there is no zero window of the given size2,6
option:6
block size7*45
there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,35
the place of the corner in the original series is 35
option:7
block size7*45
there is no zero window of the given size3,4
option:8
block size7*45
there is zero window of size 4,3 in block Number 8 and his left-top corner is 0,9
the place of the corner in the original series is 189
option:9
block size5*63
there is no zero window of the given size2,6
option:10
block size5*63
there is zero window of size 3,4 in block Number 6 and his left-top corner is 2,45
the place of the corner in the original series is 297
option:11
```

block size5\*63

there is no zero window of the given size4,3

## Index :266 polyinom: series total size: 315 prime factors: 3 3 5 7 window total size (polynomial degree): 12 total size factors: 2 2 3 The values in the vector are:

```
option:1
block size9*35
there is no zero window of the given size2,6
option:2
block size9*35
there is no zero window of the given size6,2
option:3
block size9*35
there is zero window of size 3,4 in block Number 6 and his left-top corner is 3,21
the place of the corner in the original series is 21
option:4
block size9*35
there is no zero window of the given size4,3
option:5
block size7*45
there is no zero window of the given size2,6
option:6
block size7*45
there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,5
the place of the corner in the original series is 140
option:7
block size7*45
there is no zero window of the given size3,4
```

option:8

block size7\*45

there is zero window of size 4,3 in block Number 2 and his left-top corner is 0,5

the place of the corner in the original series is 140

option:9

block size5\*63

there is no zero window of the given size2,6

option:10

block size5\*63

there is zero window of size 3,4 in block Number 3 and his left-top corner is 0,4 the place of the corner in the original series is 130

option:11

block size5\*63

there is no zero window of the given size4,3

Index:270

polyinom:

100000010111

series total size: 315

prime factors: 3 3 5 7

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

1000000000001000000010111

010000000001100000011100

```
111000000001010000010010
1001000000001111000011011
010100000001011000010000
0011000000001001000010101
1111000000001101000011110
0001100000001100100011101
1101100000001000100010110
0111100000001110100011000
1001010000001010110010011
1111010000001000110010110
option:1
block size9*35
there is zero window of size 2,6 in block Number 5 and his left-top corner is 3,32
the place of the corner in the original series is 102
option:2
block size9*35
there is no zero window of the given size6,2
option:3
```

block size9\*35

there is no zero window of the given size3,4

option:4

block size9\*35

there is zero window of size 4,3 in block Number 12 and his left-top corner is 0,13 the place of the corner in the original series is 153

option:5

block size7\*45

there is no zero window of the given size2,6

option:6

block size7\*45

there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,6 the place of the corner in the original series is 231

option:7

block size7\*45

there is no zero window of the given size3,4

option:8

block size7\*45

there is zero window of size 4,3 in block Number 8 and his left-top corner is 0,37 the place of the corner in the original series is 217

option:9

block size5\*63

there is no zero window of the given size2,6

option:10

block size5\*63

there is zero window of size 3,4 in block Number 0 and his left-top corner is 0,34 the place of the corner in the original series is 160

option:11

block size5\*63

there is no zero window of the given size4,3

Index :279

polyinom:

1110011010111

series total size: 315

prime factors: 3 3 5 7

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001101110001010

010000000001011001001111

111000000001110101101000

100100000001001111011100

0101000000001111000011001

1100100000001001001100100

0110100000001100101000011

1101100000001101000110010

0111100000001000100010101

## 1001010000001110000001100 0011010000001011100101011 1100110000001110110110100 option:1 block size9\*35 there is no zero window of the given size2,6 option:2 block size9\*35 there is no zero window of the given size6,2 option:3 block size9\*35 there is zero window of size 3,4 in block Number 5 and his left-top corner is 2,27 the place of the corner in the original series is 272 option:4 block size9\*35 there is no zero window of the given size4,3 option:5

block size7\*45

option:6

block size7\*45

there is no zero window of the given size2,6

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,7 the place of the corner in the original series is 7

option:7

block size7\*45

there is no zero window of the given size3,4

option:8

block size7\*45

there is zero window of size 4,3 in block Number 2 and his left-top corner is 0,7 the place of the corner in the original series is 7

option:9

block size5\*63

there is no zero window of the given size2,6

option:10

block size5\*63

there is zero window of size 3,4 in block Number 3 and his left-top corner is 3,8 the place of the corner in the original series is 8

option:11

block size5\*63

there is no zero window of the given size4,3

Index :318

polyinom:

1101001011111

series total size: 315

prime factors: 3 3 5 7

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

10000000001110101110110
01000000001001111001101
00100000001010010010000
11100000000110100010111
000100000001011100111110
110100000001100110000101
101100000001111011011000
000010000001011011101001
101010000001111100001111
1001100000001110010100001
111110000001101111111100
111001000001000101011111
110101000001001011110001
101010000001111100001111
101010000001111100001111
1001100000001110010100001
1101010000001001011110001

option:1

block size9\*35

there is zero window of size 2,6 in block Number 4 and his left-top corner is 8,20 the place of the corner in the original series is 125

```
option:2
block size9*35
there is no zero window of the given size6,2
option:3
block size9*35
there is no zero window of the given size3,4
option:4
block size9*35
there is zero window of size 4,3 in block Number 5 and his left-top corner is 0,28
the place of the corner in the original series is 63
option:5
block size7*45
there is no zero window of the given size2,6
option:6
block size7*45
there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,8
the place of the corner in the original series is 98
option:7
block size7*45
there is no zero window of the given size3,4
option:8
block size7*45
there is zero window of size 4,3 in block Number 10 and his left-top corner is 0,5
the place of the corner in the original series is 140
```

```
option:9
```

block size5\*63

there is no zero window of the given size2,6

option:10

block size5\*63

there is zero window of size 3,4 in block Number 2 and his left-top corner is 2,18

the place of the corner in the original series is 207

option:11

block size5\*63

there is no zero window of the given size4,3

## **SIZE 455**

Index:14

polyinom:

1101000100001

series total size: 455

prime factors: 5 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001110100010001

110000000001001110011001

101000000001101001010101

111000000001010011011101

1101000000001000000111011 1100100000001001001001000 1010100000001101110000100 1101100000001000111101010 option:1 block size5\*91 there is no zero window of the given size2,6 option:2 block size5\*91 there is zero window of size 3,4 in block Number 0 and his left-top corner is 2,16 the place of the corner in the original series is 107 there is zero window of size 3,4 in block Number 7 and his left-top corner is 4,22 the place of the corner in the original series is 204 option:3 block size5\*91 there is no zero window of the given size4,3 option:4 block size13\*35 there is zero window of size 3,4 in block Number 5 and his left-top corner is 10,8 the place of the corner in the original series is 218

option:5

block size13\*35

there is no zero window of the given size4,3

option:6

block size13\*35

there is zero window of size 2,6 in block Number 2 and his left-top corner is 9,12 the place of the corner in the original series is 152

option:7

block size13\*35

there is zero window of size 6,2 in block Number 6 and his left-top corner is 11,8 the place of the corner in the original series is 323

option:8

block size7\*65

there is no zero window of the given size3,4

option:9

block size7\*65

there is zero window of size 4,3 in block Number 1 and his left-top corner is 0,3 the place of the corner in the original series is 133

option:10

block size7\*65

there is zero window of size 2,6 in block Number 2 and his left-top corner is 6,4 the place of the corner in the original series is 69

there is zero window of size 2,6 in block Number 4 and his left-top corner is 3,58 the place of the corner in the original series is 318

option:11

block size7\*65

there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,9

the place of the corner in the original series is 399

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,3

the place of the corner in the original series is 133

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,4

the place of the corner in the original series is 329

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,9

the place of the corner in the original series is 399

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,51

the place of the corner in the original series is 441

Index:35

polyinom:

1100000110001

series total size: 455

prime factors: 5 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

1000000000011111111000001

110000000001000000100001

101000000001100000110001

111000000001011111010001

1001000000001110000111001

1011000000001101111001001

0110100000001011000101101

## 1001110000001001011011011

option:1

block size5\*91

there is zero window of size 2,6 in block Number 3 and his left-top corner is 3,78 the place of the corner in the original series is 78

option:2

block size5\*91

there is zero window of size 3,4 in block Number 3 and his left-top corner is 2,80 the place of the corner in the original series is 262

option:3

block size5\*91

there is no zero window of the given size4,3

option:4

block size13\*35

there is zero window of size 3,4 in block Number 7 and his left-top corner is 5,13 the place of the corner in the original series is 83

option:5

block size13\*35

there is zero window of size 4,3 in block Number 2 and his left-top corner is 4,6 the place of the corner in the original series is 251

option:6

block size13\*35

there is zero window of size 2,6 in block Number 5 and his left-top corner is 11,0

the place of the corner in the original series is 245

option:7

block size13\*35

there is no zero window of the given size6,2

option:8

block size7\*65

there is no zero window of the given size3,4

option:9

block size7\*65

there is zero window of size 4,3 in block Number 2 and his left-top corner is 0,14 the place of the corner in the original series is 14

option:10

block size7\*65

there is zero window of size 2,6 in block Number 1 and his left-top corner is 6,4 the place of the corner in the original series is 69

there is zero window of size 2,6 in block Number 5 and his left-top corner is 2,31 the place of the corner in the original series is 226

option:11

block size7\*65

there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,22

the place of the corner in the original series is 217

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,4

the place of the corner in the original series is 329

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,14

the place of the corner in the original series is 14

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,17

the place of the corner in the original series is 147 there is zero window of size 6,2 in block Number 7 and his left-top corner is 0,45 the place of the corner in the original series is 175 Index:47 polyinom: 1100100001001 series total size: 455 prime factors: 5 7 13 window total size (polynomial degree): 12 total size factors: 2 2 3 The values in the vector are: 100000000001111010111001 1100000000001000111100101 101000000001100100010111 0011000000001101011000000 0111000000001010110011100 1100100000001111101010010 1010100000001011110100000 0101100000001110010000101 0111010000001001011000111

option:1

block size5\*91

there is zero window of size 2,6 in block Number 4 and his left-top corner is 4,7 the place of the corner in the original series is 189

option:2

block size5\*91

there is zero window of size 3,4 in block Number 4 and his left-top corner is 4,9 the place of the corner in the original series is 9

option:3

block size5\*91

there is no zero window of the given size4,3

option:4

block size13\*35

there is zero window of size 3,4 in block Number 5 and his left-top corner is 4,20 the place of the corner in the original series is 160

option:5

block size13\*35

there is zero window of size 4,3 in block Number 3 and his left-top corner is 0,21 the place of the corner in the original series is 91

option:6

block size13\*35

there is no zero window of the given size2,6

option:7

block size13\*35

there is zero window of size 6,2 in block Number 0 and his left-top corner is 12,3 the place of the corner in the original series is 38

option:8

block size7\*65

there is no zero window of the given size3,4

option:9

block size7\*65

there is zero window of size 4,3 in block Number 1 and his left-top corner is 0,49 the place of the corner in the original series is 49

option:10

block size7\*65

there is no zero window of the given size2,6

option:11

block size7\*65

there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,4 the place of the corner in the original series is 329

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,49 the place of the corner in the original series is 49

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,10 the place of the corner in the original series is 140

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,5 the place of the corner in the original series is 70

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,6 the place of the corner in the original series is 266

Index:80

polyinom:

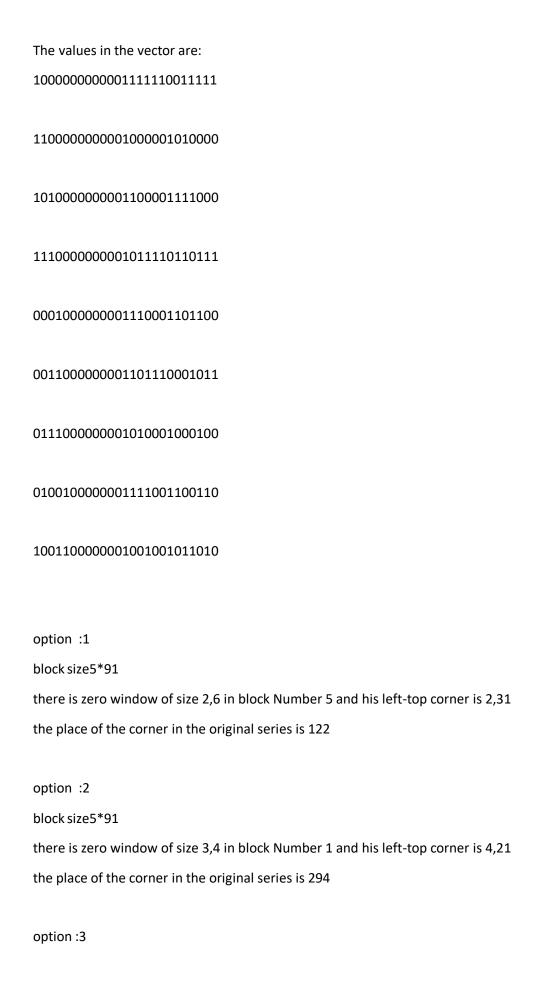
1100001111001

series total size: 455

prime factors: 5 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3



block size5\*91 there is no zero window of the given size4,3 option:4 block size13\*35 there is zero window of size 3,4 in block Number 7 and his left-top corner is 6,6 the place of the corner in the original series is 6 option:5 block size13\*35 there is no zero window of the given size4,3 option:6 block size13\*35 there is zero window of size 2,6 in block Number 3 and his left-top corner is 11,5 the place of the corner in the original series is 180 option:7

block size13\*35

there is no zero window of the given size6,2

option:8

block size7\*65

there is no zero window of the given size3,4

option:9

block size7\*65

there is zero window of size 4,3 in block Number 6 and his left-top corner is 0,43 the place of the corner in the original series is 238

option:10

block size7\*65

there is no zero window of the given size2,6

option:11

block size7\*65

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,21 the place of the corner in the original series is 21

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,6 the place of the corner in the original series is 266

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,3 the place of the corner in the original series is 133

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,43 the place of the corner in the original series is 238

there is zero window of size 6,2 in block Number 7 and his left-top corner is 0,33 the place of the corner in the original series is 98

Index:85

polyinom:

1010111111001

series total size: 455

prime factors: 5 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001010010100011

110000000001111011110010

101000000001000110001011

111000000001101111011010

0111000000001100101001110 0110100000001000011000001 1001100000001110100101100 0000010000001101101111111 option:1 block size5\*91 there is zero window of size 2,6 in block Number 2 and his left-top corner is 4,31 the place of the corner in the original series is 304 option:2 block size5\*91 there is zero window of size 3,4 in block Number 5 and his left-top corner is 1,72 the place of the corner in the original series is 436 option:3 block size5\*91 there is no zero window of the given size4,3 option:4 block size13\*35 there is zero window of size 3,4 in block Number 0 and his left-top corner is 5,3 the place of the corner in the original series is 213

option:5

block size13\*35

there is no zero window of the given size4,3

option:6

block size13\*35

there is zero window of size 2,6 in block Number 3 and his left-top corner is 5,2 the place of the corner in the original series is 317

option:7

block size13\*35

there is no zero window of the given size6,2

option:8

block size7\*65

there is no zero window of the given size3,4

option:9

block size7\*65

there is zero window of size 4,3 in block Number 5 and his left-top corner is 0,52 the place of the corner in the original series is 182

option:10

block size7\*65

there is no zero window of the given size2,6

option:11

block size7\*65

there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,7

the place of the corner in the original series is 7

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,2

the place of the corner in the original series is 392

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,40

the place of the corner in the original series is 105

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,5

the place of the corner in the original series is 70

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,52

the place of the corner in the original series is 182

Index:87

polyinom:

1100100000101

series total size: 455

prime factors: 5 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001111010110110

110000000001000111101101

001000000001100100011011

1001000000001001000111011

0111000000001101011001101

1100100000001011110101011

0010100000001111101011101

0111100000001110010001011

```
option:1
block size5*91
there is zero window of size 2,6 in block Number 2 and his left-top corner is 2,46
the place of the corner in the original series is 137
option:2
block size5*91
there is zero window of size 3,4 in block Number 1 and his left-top corner is 4,9
the place of the corner in the original series is 9
option:3
block size5*91
there is no zero window of the given size4,3
option:4
block size13*35
there is no zero window of the given size3,4
option:5
block size13*35
there is zero window of size 4,3 in block Number 7 and his left-top corner is 7,34
the place of the corner in the original series is 384
option:6
block size13*35
there is no zero window of the given size2,6
```

option:7

block size13\*35

there is zero window of size 6,2 in block Number 4 and his left-top corner is 12,24 the place of the corner in the original series is 129

option:8

block size7\*65

there is no zero window of the given size3,4

option:9

block size7\*65

there is zero window of size 4,3 in block Number 3 and his left-top corner is 0,5 the place of the corner in the original series is 70

option:10

block size7\*65

there is no zero window of the given size2,6

option:11

block size7\*65

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,7

the place of the corner in the original series is 7

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,5

the place of the corner in the original series is 70

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,4

the place of the corner in the original series is 329

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,5

the place of the corner in the original series is 70

there is zero window of size 6,2 in block Number 8 and his left-top corner is 0,59

the place of the corner in the original series is 189

Index:106

polyinom:

1111101100101

series total size: 455

prime factors: 5 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001100010111011

110000000001010011100110

001000000001111010010101

011000000001001011001000

1001000000010111111110001

110100000001101110101100

0011000000001000111011111

0011100000001011001111010

1010010000001110101000111

option:1

block size5\*91

there is zero window of size 2,6 in block Number 0 and his left-top corner is 4,4

the place of the corner in the original series is 4

there is zero window of size 2,6 in block Number 3 and his left-top corner is 3,22

the place of the corner in the original series is 113

there is zero window of size 2,6 in block Number 4 and his left-top corner is 0,52

the place of the corner in the original series is 325

there is zero window of size 2,6 in block Number 6 and his left-top corner is 4,73

the place of the corner in the original series is 164

```
option:2
```

block size5\*91

there is zero window of size 3,4 in block Number 1 and his left-top corner is 0,32 the place of the corner in the original series is 305

there is zero window of size 3,4 in block Number 5 and his left-top corner is 4,50 the place of the corner in the original series is 414

option:3

block size5\*91

there is no zero window of the given size4,3

option:4

block size13\*35

there is no zero window of the given size3,4

option:5

block size13\*35

there is no zero window of the given size4,3

option:6

block size13\*35

there is zero window of size 2,6 in block Number 3 and his left-top corner is 0,10 the place of the corner in the original series is 325

option:7

block size13\*35

there is zero window of size 6,2 in block Number 5 and his left-top corner is 5,9 the place of the corner in the original series is 44

option:8

block size7\*65

there is no zero window of the given size3,4

option:9

block size7\*65

there is zero window of size 4,3 in block Number 4 and his left-top corner is 0,5 the place of the corner in the original series is 70

option:10

block size7\*65

there is no zero window of the given size2,6

option:11

block size7\*65

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,20

the place of the corner in the original series is 280

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,13

the place of the corner in the original series is 273

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,5

the place of the corner in the original series is 70

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,26

the place of the corner in the original series is 91

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,10

the place of the corner in the original series is 140

Index:121

polyinom:

1001111110101

series total size: 455

prime factors: 5 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

```
100000000001001110101101
110000000001101001111011
001000000001011101000110
011000000001111010010000
110100000001000111011000
0011000000001110011100101
0000100000001011001111100
0100100000001111110101010
1110010000001010110101110
option:1
block size5*91
there is zero window of size 2,6 in block Number 2 and his left-top corner is 4,69
the place of the corner in the original series is 69
option:2
block size5*91
there is zero window of size 3,4 in block Number 5 and his left-top corner is 2,31
the place of the corner in the original series is 122
option:3
```

block size5\*91

there is no zero window of the given size4,3

option:4

block size13\*35

there is zero window of size 3,4 in block Number 0 and his left-top corner is 5,6 the place of the corner in the original series is 356

option:5

block size13\*35

there is no zero window of the given size4,3

option:6

block size13\*35

there is zero window of size 2,6 in block Number 3 and his left-top corner is 8,7 the place of the corner in the original series is 112

option:7

block size13\*35

there is no zero window of the given size6,2

option:8

block size7\*65

there is no zero window of the given size3,4

option:9

block size7\*65

there is zero window of size 4,3 in block Number 5 and his left-top corner is 0,26 the place of the corner in the original series is 91

option:10

block size7\*65

there is no zero window of the given size2,6

option:11

block size7\*65

there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,4

the place of the corner in the original series is 329

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,10

the place of the corner in the original series is 140

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,21

the place of the corner in the original series is 21

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,9

the place of the corner in the original series is 399

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,26

the place of the corner in the original series is 91

Index:149

polyinom:

1111001011101

series total size: 455

prime factors: 5 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001100111010010

1100000000001010100111011

001000000001111110100110

0110000000001001101001111

0101000000001101011101000

0000100000001001011010010

1010100000001010010100110

0011100000001101101110101

option:1

block size5\*91

there is zero window of size 2,6 in block Number 5 and his left-top corner is 3,4 the place of the corner in the original series is 368

option:2

block size5\*91

there is zero window of size 3,4 in block Number 5 and his left-top corner is 2,4 the place of the corner in the original series is 277

option:3

block size5\*91

there is no zero window of the given size4,3

option:4

block size13\*35

there is zero window of size 3,4 in block Number 0 and his left-top corner is 6,6 the place of the corner in the original series is 6

option:5

block size13\*35

there is zero window of size 4,3 in block Number 6 and his left-top corner is 8,16

the place of the corner in the original series is 86

option:6

block size13\*35

there is zero window of size 2,6 in block Number 2 and his left-top corner is 8,4 the place of the corner in the original series is 424

option:7

block size13\*35

there is no zero window of the given size6,2

option:8

block size7\*65

there is no zero window of the given size3,4

option:9

block size7\*65

there is zero window of size 4,3 in block Number 2 and his left-top corner is 0,4 the place of the corner in the original series is 329

option:10

block size7\*65

there is no zero window of the given size2,6

option:11

block size7\*65

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,30

the place of the corner in the original series is 420

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,4

the place of the corner in the original series is 329

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,7

the place of the corner in the original series is 7

there is zero window of size 6,2 in block Number 7 and his left-top corner is 0,9

the place of the corner in the original series is 399

there is zero window of size 6,2 in block Number 8 and his left-top corner is 0,10

the place of the corner in the original series is 140

Index:169

polyinom:

1000110000011

series total size: 455

prime factors: 5 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001000110010110

010000000001100101011101

101000000001110100111000

0110000000001010111110011

1011000000001101101101111

0111000000001001110100100

0100100000001101001110110

0110100000001011011011000

block size5\*91

there is zero window of size 2,6 in block Number 2 and his left-top corner is 0,22 the place of the corner in the original series is 295

option:2

block size5\*91

there is zero window of size 3,4 in block Number 2 and his left-top corner is 0,22 the place of the corner in the original series is 295

option:3

block size5\*91

there is no zero window of the given size4,3

option:4

block size13\*35

there is zero window of size 3,4 in block Number 6 and his left-top corner is 9,0 the place of the corner in the original series is 35

option:5

block size13\*35

there is zero window of size 4,3 in block Number 3 and his left-top corner is 7,6 the place of the corner in the original series is 111

option:6

block size13\*35

there is zero window of size 2,6 in block Number 4 and his left-top corner is 3,10 the place of the corner in the original series is 185

option:7

block size13\*35

there is no zero window of the given size6,2

option:8

block size7\*65

there is no zero window of the given size3,4

option:9

block size7\*65

there is zero window of size 4,3 in block Number 3 and his left-top corner is 0,63 the place of the corner in the original series is 63

option:10

block size7\*65

there is zero window of size 2,6 in block Number 1 and his left-top corner is 6,4 the place of the corner in the original series is 69

option:11

block size7\*65

there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,38

the place of the corner in the original series is 168

Index:175

polyinom:

1001111000011

series total size: 455

prime factors: 5 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001001110011011

```
101000000001111010110000
011000000001011101111101
100100000001010100001110
0101000000001110011000011
101100000001100000100101
0100100000001100100011100
1011100000001101101101111
option:1
block size5*91
there is zero window of size 2,6 in block Number 6 and his left-top corner is 2,70
the place of the corner in the original series is 252
option:2
block size5*91
there is zero window of size 3,4 in block Number 1 and his left-top corner is 2,80
the place of the corner in the original series is 262
option:3
block size5*91
there is no zero window of the given size4,3
option:4
block size13*35
```

there is zero window of size 3,4 in block Number 8 and his left-top corner is 12,26 the place of the corner in the original series is 376

option:5

block size13\*35

there is no zero window of the given size4,3

option:6

block size13\*35

there is zero window of size 2,6 in block Number 2 and his left-top corner is 2,4 the place of the corner in the original series is 249

option:7

block size13\*35

there is no zero window of the given size6,2

option:8

block size7\*65

there is no zero window of the given size3,4

option:9

block size7\*65

there is zero window of size 4,3 in block Number 5 and his left-top corner is 0,35 the place of the corner in the original series is 35

option:10

block size7\*65

there is no zero window of the given size2,6

option:11

block size7\*65

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,56

the place of the corner in the original series is 56

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,3

the place of the corner in the original series is 133

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,7

the place of the corner in the original series is 7

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,35

the place of the corner in the original series is 35

there is zero window of size 6,2 in block Number 8 and his left-top corner is 0,40

the place of the corner in the original series is 105

Index:182

polyinom:

1101001100011

series total size: 455

prime factors: 5 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001110101000110

010000000001001111100101

011000000001101000010111

1001000000001100110111111

1011000000001000001001101

0101100000001010101100000

## 0011010000001000101110011

## 0001001000001011110000011

option:1

block size5\*91

there is zero window of size 2,6 in block Number 5 and his left-top corner is 3,27 the place of the corner in the original series is 118

option:2

block size5\*91

there is zero window of size 3,4 in block Number 5 and his left-top corner is 2,29 the place of the corner in the original series is 302

option:3

block size5\*91

there is no zero window of the given size4,3

option:4

block size13\*35

there is zero window of size 3,4 in block Number 2 and his left-top corner is 3,2 the place of the corner in the original series is 107

option:5

block size13\*35

there is zero window of size 4,3 in block Number 8 and his left-top corner is 2,21 the place of the corner in the original series is 301

option:6

block size13\*35

there is no zero window of the given size2,6

option:7

block size13\*35

there is zero window of size 6,2 in block Number 3 and his left-top corner is 2,21 the place of the corner in the original series is 301

option:8

block size7\*65

there is no zero window of the given size3,4

option:9

block size7\*65

there is zero window of size 4,3 in block Number 5 and his left-top corner is 0,56 the place of the corner in the original series is 56

option:10

block size7\*65

there is no zero window of the given size2,6

option:11

block size7\*65

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,46 the place of the corner in the original series is 371

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,5 the place of the corner in the original series is 70

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,9

the place of the corner in the original series is 399

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,56  $\,$ 

the place of the corner in the original series is 56

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,10

the place of the corner in the original series is 140
Index :187
polyinom :
1010000010011
series total size: 455
prime factors: 5 7 13
window total size (polynomial degree): 12
total size factors: 2 2 3
The values in the vector are:
10000000001010101000111
010000000011111111100100
01100000000100000010110
10010000000100101111110
101100000001110101001100
001010000001100101001001
001010000001100101001001
111010000001001111101010
111010000001001111101010
0011100000001111010110000
101001000001000111101000
option :1
block size5*91
there is zero window of size 2,6 in block Number 2 and his left-top corner is 1,54
the place of the corner in the original series is 236

```
option:2
block size5*91
there is zero window of size 3,4 in block Number 1 and his left-top corner is 2,1
the place of the corner in the original series is 92
option:3
block size5*91
there is no zero window of the given size4,3
option:4
block size13*35
there is no zero window of the given size3,4
option:5
block size13*35
there is zero window of size 4,3 in block Number 7 and his left-top corner is 6,15
the place of the corner in the original series is 435
option:6
block size13*35
there is no zero window of the given size2,6
option:7
block size13*35
there is zero window of size 6,2 in block Number 4 and his left-top corner is 11,25
the place of the corner in the original series is 375
option:8
block size7*65
there is no zero window of the given size3,4
```

block size7\*65

there is zero window of size 4,3 in block Number 3 and his left-top corner is 0,8 the place of the corner in the original series is 203

option:10

block size7\*65

there is no zero window of the given size2,6

option:11

block size7\*65

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,6

the place of the corner in the original series is 266

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,8

the place of the corner in the original series is 203

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,4

the place of the corner in the original series is 329

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,19

the place of the corner in the original series is 84

there is zero window of size 6,2 in block Number 8 and his left-top corner is 0,22

the place of the corner in the original series is 217

Index:188

polyinom:

1001000010011

series total size: 455

prime factors: 5 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

```
010000000001101101110111
011000000001011011001100
0101000000001110110101010
1011000000001100100111100
0010100000001110010001111
1110100000001010110100010
0011100000001101001010010
1010010000001011101111011
option:1
block size5*91
there is zero window of size 2,6 in block Number 3 and his left-top corner is 0,3
the place of the corner in the original series is 185
option:2
block size5*91
there is zero window of size 3,4 in block Number 3 and his left-top corner is 4,3
the place of the corner in the original series is 94
option:3
block size5*91
there is no zero window of the given size4,3
```

```
option:4
```

block size13\*35

there is zero window of size 3,4 in block Number 5 and his left-top corner is 4,31 the place of the corner in the original series is 381

option:5

block size13\*35

there is zero window of size 4,3 in block Number 4 and his left-top corner is 12,27 the place of the corner in the original series is 272

option:6

block size13\*35

there is no zero window of the given size2,6

option:7

block size13\*35

there is zero window of size 6,2 in block Number 0 and his left-top corner is 8,8 the place of the corner in the original series is 8

option:8

block size7\*65

there is no zero window of the given size3,4

option:9

block size7\*65

there is zero window of size 4,3 in block Number 1 and his left-top corner is 0,27 the place of the corner in the original series is 287

option:10

block size7\*65

there is no zero window of the given size2,6

block size7\*65

there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,7

the place of the corner in the original series is 7

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,27

the place of the corner in the original series is 287

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,3

the place of the corner in the original series is 133

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,6

the place of the corner in the original series is 266

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,9

the place of the corner in the original series is 399

Index:196

polyinom:

1111011010011

series total size: 455

prime factors: 5 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001100101111000

010000000001010111000100

101000000001001110011010

1001000000001110000001001

010100000001000010110101

1100100000001011101111100

1110100000001110110011110

1000010000001010010011000

option:1

block size5\*91

there is zero window of size 2,6 in block Number 0 and his left-top corner is 0,39 the place of the corner in the original series is 130

option:2

block size5\*91

there is zero window of size 3,4 in block Number 3 and his left-top corner is 2,53 the place of the corner in the original series is 417

option:3

block size5\*91

there is no zero window of the given size4,3

option:4

block size13\*35

there is no zero window of the given size3,4

option:5

block size13\*35

there is zero window of size 4,3 in block Number 4 and his left-top corner is 3,20 the place of the corner in the original series is 55

block size13\*35

there is no zero window of the given size2,6

option:7

block size13\*35

there is zero window of size 6,2 in block Number 8 and his left-top corner is 10,23 the place of the corner in the original series is 23

option:8

block size7\*65

there is no zero window of the given size3,4

option:9

block size7\*65

there is zero window of size 4,3 in block Number 3 and his left-top corner is 0,15 the place of the corner in the original series is 210

option:10

block size7\*65

there is zero window of size 2,6 in block Number 1 and his left-top corner is 3,46 the place of the corner in the original series is 241

there is zero window of size 2,6 in block Number 8 and his left-top corner is 6,3 the place of the corner in the original series is 328

option:11

block size7\*65

there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,22 the place of the corner in the original series is 217

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,8 the place of the corner in the original series is 203

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,15

the place of the corner in the original series is 210

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,43

the place of the corner in the original series is 238

there is zero window of size 6,2 in block Number 8 and his left-top corner is 0,3

the place of the corner in the original series is 133

Index :212

polyinom:

1000010001011

series total size: 455

prime factors: 5 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

1000000000001000010001111

010000000001100011001000

101000000001110011101011

0110000000001010010101100

0001000000001011010111101

1111000000001001010011110

1000100000001101111010001

0100100000001001110010110

```
option:1
block size5*91
there is no zero window of the given size2,6
option:2
block size5*91
there is zero window of size 3,4 in block Number 0 and his left-top corner is 3,83
the place of the corner in the original series is 83
there is zero window of size 3,4 in block Number 8 and his left-top corner is 3,49
the place of the corner in the original series is 413
option:3
block size5*91
there is no zero window of the given size4,3
option:4
block size13*35
there is zero window of size 3,4 in block Number 4 and his left-top corner is 3,4
the place of the corner in the original series is 354
option:5
block size13*35
there is no zero window of the given size4,3
option:6
block size13*35
there is zero window of size 2,6 in block Number 3 and his left-top corner is 4,32
```

the place of the corner in the original series is 277

block size13\*35

there is zero window of size 6,2 in block Number 7 and his left-top corner is 0,7 the place of the corner in the original series is 182

option:8

block size7\*65

there is no zero window of the given size3,4

option:9

block size7\*65

there is zero window of size 4,3 in block Number 1 and his left-top corner is 0,8 the place of the corner in the original series is 203

option:10

block size7\*65

there is zero window of size 2,6 in block Number 3 and his left-top corner is 0,5 the place of the corner in the original series is 70

there is zero window of size 2,6 in block Number 5 and his left-top corner is 4,16 the place of the corner in the original series is 81

option:11

block size7\*65

there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,2 the place of the corner in the original series is 392

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,8 the place of the corner in the original series is 203

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,5 the place of the corner in the original series is 70

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,5 the place of the corner in the original series is 70

there is zero window of size 6,2 in block Number 7 and his left-top corner is 0,29

the place of the corner in the original series is 224
Index :219
polyinom:
1100011001011
series total size: 455
prime factors: 5 7 13
window total size (polynomial degree): 12
total size factors: 2 2 3
The values in the vector are:
10000000001111100001110
0100000000100010001001
011000000001100011001101
000100000001101100101100
001100000001001101101000
40404000000440404404400
10101000000110101111100
010001000001011001000010
010001000001011001000010
110101000001001001100000
1101010000001001100000
0111101000001001000011100
option :1
block size5*91
there is zero window of size 2,6 in block Number 5 and his left-top corner is 2,75
the place of the corner in the original series is 257

block size5\*91

there is zero window of size 3,4 in block Number 5 and his left-top corner is 2,75 the place of the corner in the original series is 257

option:3

block size5\*91

there is no zero window of the given size4,3

option:4

block size13\*35

there is zero window of size 3,4 in block Number 2 and his left-top corner is 9,9 the place of the corner in the original series is 9

option:5

block size13\*35

there is zero window of size 4,3 in block Number 8 and his left-top corner is 0,30 the place of the corner in the original series is 65

option:6

block size13\*35

there is no zero window of the given size2,6

option:7

block size13\*35

there is zero window of size 6,2 in block Number 4 and his left-top corner is 8,28 the place of the corner in the original series is 203

option:8

block size7\*65

there is no zero window of the given size3,4

option:9

block size7\*65

there is zero window of size 4,3 in block Number 5 and his left-top corner is 0,23 the place of the corner in the original series is 413

option:10

block size7\*65

there is no zero window of the given size2,6

option:11

block size7\*65

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,31

the place of the corner in the original series is 161

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,8

the place of the corner in the original series is 203

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,5

the place of the corner in the original series is 70

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,23

the place of the corner in the original series is 413

there is zero window of size 6,2 in block Number 7 and his left-top corner is 0,6

the place of the corner in the original series is 266

Index:239

polyinom:

1111000111011

series total size: 455

prime factors: 5 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

010000000001010101111010

101000000001001100010001

01100000000011111111000111

0001000000001110011110010

0000100000001011111010101

1110100000001000110111110

0101100000001111001011101

0111010000001000101110011

option:1

block size5\*91

there is zero window of size 2,6 in block Number 0 and his left-top corner is 2,2

the place of the corner in the original series is  $\ensuremath{\mathbf{2}}$ 

there is zero window of size 2,6 in block Number 3 and his left-top corner is 2,58

the place of the corner in the original series is 422

there is zero window of size 2,6 in block Number 5 and his left-top corner is 4,76

the place of the corner in the original series is 349

there is zero window of size 2,6 in block Number 6 and his left-top corner is 1,42

the place of the corner in the original series is 406

option:2

block size5\*91

there is zero window of size 3,4 in block Number 1 and his left-top corner is 1,25 the place of the corner in the original series is 116 there is zero window of size 3,4 in block Number 2 and his left-top corner is 2,36 the place of the corner in the original series is 127

option:3

block size5\*91

there is no zero window of the given size4,3

option:4

block size13\*35

there is no zero window of the given size3,4

option:5

block size13\*35

there is no zero window of the given size4,3

option:6

block size13\*35

there is zero window of size 2,6 in block Number 6 and his left-top corner is 10,5 the place of the corner in the original series is 75

option:7

block size13\*35

there is zero window of size 6,2 in block Number 1 and his left-top corner is 4,5 the place of the corner in the original series is 355

option:8

block size7\*65

there is no zero window of the given size3,4

block size7\*65

there is zero window of size 4,3 in block Number 1 and his left-top corner is 0,5 the place of the corner in the original series is 70

option:10

block size7\*65

there is no zero window of the given size2,6

option:11

block size7\*65

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,5 the place of the corner in the original series is 70

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,4 the place of the corner in the original series is 329

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,6 the place of the corner in the original series is 266

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,5 the place of the corner in the original series is 70

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,6 the place of the corner in the original series is 266

Index :257

......

polyinom:

1111101000111

series total size: 455

prime factors: 5 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

\_

The values in the vector are:

100000000001100010010001

001000000001001011111101 111000000001111010110101 0011000000001101110000011 0010100000001011001000010 0011100000001111100111100 0100010000001011010000110 0010010000001000010100010 option:1 block size5\*91 there is no zero window of the given size2,6 option:2 block size5\*91 there is zero window of size 3,4 in block Number 2 and his left-top corner is 0,27 the place of the corner in the original series is 300 there is zero window of size 3,4 in block Number 3 and his left-top corner is 1,63 the place of the corner in the original series is 336 option:3 block size5\*91 there is no zero window of the given size4,3

```
option :4
```

block size13\*35

there is zero window of size 3,4 in block Number 6 and his left-top corner is 2,10 the place of the corner in the original series is 80

option:5

block size13\*35

there is no zero window of the given size4,3

option:6

block size13\*35

there is zero window of size 2,6 in block Number 5 and his left-top corner is 7,3 the place of the corner in the original series is 423

option:7

block size13\*35

there is zero window of size 6,2 in block Number 0 and his left-top corner is 12,3 the place of the corner in the original series is 38

option:8

block size7\*65

there is no zero window of the given size3,4

option:9

block size7\*65

there is zero window of size 4,3 in block Number 4 and his left-top corner is 0,58 the place of the corner in the original series is 448

option:10

block size7\*65

there is no zero window of the given size2,6

block size7\*65

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,4

the place of the corner in the original series is 329

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,58

the place of the corner in the original series is 448

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,0

the place of the corner in the original series is 0

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,9

the place of the corner in the original series is 399

there is zero window of size 6,2 in block Number 8 and his left-top corner is 0,40

the place of the corner in the original series is 105

Index :294

polyinom:

1101110001111

series total size: 455

prime factors: 5 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001110011010011

010000000001001010111010

001000000001010110001110

111000000001101111100111

1011000000001111101001001

0100100000001100110110000

0111100000001101000101010

0100010000001011100111111

option:1

block size5\*91

there is zero window of size 2,6 in block Number 0 and his left-top corner is 4,4 the place of the corner in the original series is 4

there is zero window of size 2,6 in block Number 3 and his left-top corner is 1,42 the place of the corner in the original series is 406

there is zero window of size 2,6 in block Number 5 and his left-top corner is 4,60 the place of the corner in the original series is 424

there is zero window of size 2,6 in block Number 6 and his left-top corner is 1,68 the place of the corner in the original series is 341

option:2

block size5\*91

there is zero window of size 3,4 in block Number 1 and his left-top corner is 0,76 the place of the corner in the original series is 440

there is zero window of size 3,4 in block Number 2 and his left-top corner is 0,65 the place of the corner in the original series is 65

option:3

block size5\*91

there is no zero window of the given size4,3

option:4

block size13\*35

there is no zero window of the given size3,4

option:5

block size13\*35

there is no zero window of the given size4,3

option:6

block size13\*35

there is zero window of size 2,6 in block Number 5 and his left-top corner is 5,6 the place of the corner in the original series is 356

option:7

block size13\*35

there is zero window of size 6,2 in block Number 1 and his left-top corner is 4,7 the place of the corner in the original series is 147

option:8

block size7\*65

there is no zero window of the given size3,4

option:9

block size7\*65

there is zero window of size 4,3 in block Number 1 and his left-top corner is 0,6 the place of the corner in the original series is 266

option:10

block size7\*65

there is no zero window of the given size2,6

option:11

block size7\*65

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,6

the place of the corner in the original series is 266

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,9

the place of the corner in the original series is 399

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,7

the place of the corner in the original series is 7

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,4

the place of the corner in the original series is 329

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,9

the place of the corner in the original series is 399

Index:298

polyinom:

1011101001111

series total size: 455

prime factors: 5 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001011001100111

010000000001110101010100

001000000001100011001101

1110000000010011111111110

0001000000001101000000001

1011000000001010010101011

1000100000001101101100111

## 0100100000001000001010100

## 1101100000001110000110010

option:1

block size5\*91

there is zero window of size 2,6 in block Number 5 and his left-top corner is 1,6 the place of the corner in the original series is 6

option:2

block size5\*91

there is zero window of size 3,4 in block Number 5 and his left-top corner is 1,8 the place of the corner in the original series is 281

option:3

block size5\*91

there is no zero window of the given size4,3

option:4

block size13\*35

there is zero window of size 3,4 in block Number 0 and his left-top corner is 4,3 the place of the corner in the original series is 108

option:5

block size13\*35

there is zero window of size 4,3 in block Number 7 and his left-top corner is 5,33 the place of the corner in the original series is 278

option:6

block size13\*35

there is zero window of size 2,6 in block Number 3 and his left-top corner is 5,5 the place of the corner in the original series is 5

option:7

block size13\*35

there is no zero window of the given size6,2

option:8

block size7\*65

there is no zero window of the given size3,4

option:9

block size7\*65

there is zero window of size 4,3 in block Number 3 and his left-top corner is 0,8 the place of the corner in the original series is 203

option:10

block size7\*65

there is no zero window of the given size2,6

option:11

block size7\*65

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,24 the place of the corner in the original series is 154

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,8

the place of the corner in the original series is 203

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,9

the place of the corner in the original series is 399

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,2  $\,$ 

the place of the corner in the original series is 392

there is zero window of size 6,2 in block Number 8 and his left-top corner is 0,5
the place of the corner in the original series is 70
Index :308
polyinom:
1100101101111
series total size: 455
prime factors: 5 7 13
window total size (polynomial degree): 12
total size factors: 2 2 3
The values in the vector are:
10000000001111011000000
01000000001000110100000
00100000001011000010000
000100000001010111001000
110100000001101010101000
011100000001001001111000
100010000001010000100100
1011100000010111111111100
110001000001010011010010
option :1
block size5*91
there is zero window of size 2,6 in block Number 0 and his left-top corner is 1,59

the place of the corner in the original series is 241

option:2

block size5\*91

there is zero window of size 3,4 in block Number 5 and his left-top corner is 1,50 the place of the corner in the original series is 141

option:3

block size5\*91

there is no zero window of the given size4,3

option:4

block size13\*35

there is no zero window of the given size3,4

option:5

block size13\*35

there is zero window of size 4,3 in block Number 3 and his left-top corner is 9,28 the place of the corner in the original series is 308

option:6

block size13\*35

there is no zero window of the given size2,6

option:7

block size13\*35

there is zero window of size 6,2 in block Number 8 and his left-top corner is 9,17 the place of the corner in the original series is 87

option:8

block size7\*65

there is no zero window of the given size3,4

option:9

block size7\*65

there is zero window of size 4,3 in block Number 5 and his left-top corner is 0,63 the place of the corner in the original series is 63

option:10

block size7\*65

there is zero window of size 2,6 in block Number 1 and his left-top corner is 2,26 the place of the corner in the original series is 156 there is zero window of size 2,6 in block Number 8 and his left-top corner is 6,3 the place of the corner in the original series is 328

option:11

block size7\*65

there is zero window of size 6,2 in block Number 0 and his left-top corner is 0,28 the place of the corner in the original series is 28

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,5 the place of the corner in the original series is 70

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,36 the place of the corner in the original series is 231

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,63 the place of the corner in the original series is 63

there is zero window of size 6,2 in block Number 8 and his left-top corner is 0,3 the place of the corner in the original series is 133

Index :317

polyinom:

1110001011111

series total size: 455

prime factors: 5 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3 The values in the vector are: 100000000001101100100101 0100000000010110101111 001000000001000001111110 111000000001110111101100 101100000001100001000001 0110100000001010001100001 1111100000001110001011110 1000010000001001001110001 1011010000001000100010101 option:1 block size5\*91 there is no zero window of the given size2,6 option:2 block size5\*91 there is zero window of size 3,4 in block Number 2 and his left-top corner is 2,75

there is zero window of size 3,4 in block Number 3 and his left-top corner is 1,38

the place of the corner in the original series is 257

the place of the corner in the original series is 311

```
option:3
block size5*91
there is no zero window of the given size4,3
option:4
block size13*35
there is zero window of size 3,4 in block Number 6 and his left-top corner is 12,3
the place of the corner in the original series is 38
option:5
block size13*35
there is no zero window of the given size4,3
option:6
block size13*35
there is zero window of size 2,6 in block Number 5 and his left-top corner is 8,8
the place of the corner in the original series is 8
option:7
block size13*35
there is zero window of size 6,2 in block Number 0 and his left-top corner is 8,8
the place of the corner in the original series is 8
option:8
block size7*65
there is no zero window of the given size3,4
option:9
block size7*65
there is zero window of size 4,3 in block Number 4 and his left-top corner is 0,20
```

the place of the corner in the original series is 280

option:10

block size7\*65

there is no zero window of the given size2,6

option:11

block size7\*65

there is zero window of size 6,2 in block Number 3 and his left-top corner is 0,9

the place of the corner in the original series is 399

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,20

the place of the corner in the original series is 280

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,15

the place of the corner in the original series is 210

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,6

the place of the corner in the original series is 266

there is zero window of size 6,2 in block Number 7 and his left-top corner is 0,41

the place of the corner in the original series is 301

Index:320

polyinom:

1010011011111

series total size: 455

prime factors: 5 7 13

window total size (polynomial degree): 12

total size factors: 2 2 3

The values in the vector are:

100000000001010110000011

010000000001111101000010

001000000001101000100010

1110000000001000011100011

0001000000001100010010010

110100000001001001010011

1011000000001011100110011

0110100000001110010101010

0101110000001001011111111

option:1

block size5\*91

there is zero window of size 2,6 in block Number 0 and his left-top corner is 2,2 the place of the corner in the original series is 2

there is zero window of size 2,6 in block Number 2 and his left-top corner is 0,78 the place of the corner in the original series is 260

there is zero window of size 2,6 in block Number 4 and his left-top corner is 0,28 the place of the corner in the original series is 210

there is zero window of size 2,6 in block Number 5 and his left-top corner is 4,47 the place of the corner in the original series is 229

option:2

block size5\*91

there is zero window of size 3,4 in block Number 1 and his left-top corner is 1,68 the place of the corner in the original series is 341 there is zero window of size 3,4 in block Number 6 and his left-top corner is 4,53

the place of the corner in the original series is 144

```
option:3
block size5*91
there is no zero window of the given size4,3
option:4
block size13*35
there is no zero window of the given size3,4
option:5
block size13*35
there is no zero window of the given size4,3
option:6
block size13*35
there is zero window of size 2,6 in block Number 2 and his left-top corner is 0,34
the place of the corner in the original series is 104
option:7
block size13*35
there is zero window of size 6,2 in block Number 6 and his left-top corner is 5,5
the place of the corner in the original series is 5
option:8
block size7*65
there is no zero window of the given size3,4
option:9
block size7*65
there is zero window of size 4,3 in block Number 5 and his left-top corner is 0,8
the place of the corner in the original series is 203
```

option:10

block size7\*65

there is no zero window of the given size 2,6

option:11

block size7\*65

there is zero window of size 6,2 in block Number 1 and his left-top corner is 0,50 the place of the corner in the original series is 245

there is zero window of size 6,2 in block Number 2 and his left-top corner is 0,0 the place of the corner in the original series is 0

there is zero window of size 6,2 in block Number 4 and his left-top corner is 0,4 the place of the corner in the original series is 329

there is zero window of size 6,2 in block Number 5 and his left-top corner is 0,8 the place of the corner in the original series is 203

there is zero window of size 6,2 in block Number 6 and his left-top corner is 0,53 the place of the corner in the original series is 378