/\* Write a Java program to print the following pattern

sample

input = 5

output =

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

\*/

import java.util.\*;

class Pattern

{

void print(int n)

{

for(int i=1;i<=n;i++)

{

for(int j=1;j<=i;j++)

{

System.out.print(j+"");

}

System.out.println();

}

}

}

class Test

{

public static void main(String args[])

{

Scanner s= new Scanner(System.in);

Pattern p=new Pattern();

int n=s.nextInt();

p.print(n);

}

}

/\* Write a Java program to print the following pattern

sample

input = 5

output =

5

5 4

5 4 3

5 4 3 2

5 4 3 2 1

\*/

import java.util.\*;

class Pattern

{

void print(int n)

{

for(int i=n;i>=1;i--)

{

for(int j=n;j>=i;j--)

{

System.out.print(j+"");

}

System.out.println();

}

}

}

class Test

{

public static void main(String args[])

{

Scanner s= new Scanner(System.in);

Pattern p=new Pattern();

int n=s.nextInt();

p.print(n);

}

}

/\* Write a Java program to print the following pattern

sample

input =

5

output =

1 1 1 1 1

0 0 0 0

1 1 1

0 0

1

\*/

import java.util.\*;

class Pattern

{

Scanner s= new Scanner(System.in);

int n=s.nextInt();

void print()

{

for(int i=1;i<=n;i++)

{

for(int j=i;j<=n;j++)

{

if(i%2==0)

System.out.print("0"+"");

else

System.out.print("1"+ "");

}

System.out.println();

}

}

}

class Test

{

public static void main(String args[])

{

Pattern p=new Pattern();

p.print();

}

}

/\* Write a Java program to print the following pattern

sample

input =

6

output =

1

2 3

4 5 6

7 8 9 0

1 2 3 4 5

6 7 8 9 0 1

\*/

import java.util.\*;

class Pattern

{

void print(int n)

{

int t = 1;

for(int i=1;i<=n;i++)

{

for(int j=1;j<=i;j++)

{

if(t==10)

t=0;

System.out.print(t++ +"");

}

System.out.println();

}

}

}

class Test

{

public static void main(String args[])

{

Scanner s= new Scanner(System.in);

Pattern p=new Pattern();

int n=s.nextInt();

p.print(n);

}

}

/\* Write a java program to print the following pattern for given integer n. (i.e if n>0).

Note: print -1 for all other boundary conditions.

sample 1:

input = 5

output =

1

4 1

9 4 1

16 9 4 1

25 16 9 4 1

sample 2:

input = -3

output =

-1

\*/

import java.util.\*;

class Pattern

{

int n;

Scanner s;

//declare and read required variables

Pattern()

{

s=new Scanner(System.in);

n=s.nextInt();

}

//use print() to print the required pattern.

void print()

{

if(n>0)

{

for (int i = 1; i <= n; i++)

{

for (int j = i; j >= 1; j--)

{

System.out.print(j\*j+"");

}

System.out.println();

}

}

else

System.out.println(-1);

}

}

class Test

{

public static void main(String args[])

{

Pattern p=new Pattern();

p.print();

}

}

**/\*Write a Java program to print the following pattern**

**note: if n>0, print pattern**

**else**

**print -1**

**sample**

**input =**

**5**

**output =**

**\***

**\*\*\***

**\*\*\*\*\***

**\*\*\*\*\*\*\***

**\*\*\*\*\*\*\*\*\***

**\*/**

import java.util.\*;

class Pattern

{

void print(int n)

{

if(n>0)

{

for(int i=1;i<=n;i++)

{

for(int j=i;j<n;j++)

{

System.out.print("");

}

for(int k=1;k<(i\*2);k++)

{

System.out.print("\*");

}

System.out.println();

}

}

else

System.out.println("-1");

}

}

class Test

{

public static void main(String args[])

{

Scanner s= new Scanner(System.in);

Pattern p=new Pattern();

int n=s.nextInt();

p.print(n);

}

}

**/\*Write a Java program to print the following pattern**

**note:**

**if n>0, print pattern**

**else**

**print -1**

**sample**

**input =**

**5**

**output =**

**12345**

**1234**

**123**

**12**

**1**

**\*/**

import java.util.\*;

class Pattern

{

void print(int n)

{

if(n>0)

{

for(int i=n;i>=1;i--)

{

for(int j=1;j<=i;j++)

{

System.out.print(j);

}

System.out.println();

}

}

else

System.out.println("-1");

}

}

class Test

{

public static void main(String args[])

{

Scanner s= new Scanner(System.in);

Pattern p=new Pattern();

int n=s.nextInt();

p.print(n);

}

}

**/\*Write a Java program to print the following pattern**

**note:**

**if n>0, print pattern**

**else**

**print -1**

**sample**

**input =**

**5**

**output =**

**54321**

**4321**

**321**

**21**

**1**

**\*/**

import java.util.\*;

class Pattern

{

void print(int n)

{

if(n>0)

{

for(int i=n;i>=1;i--)

{

for(int j=i;j>=1;j--)

{

System.out.print(j);

}

System.out.println();

}

}

else

System.out.println("-1");

}

}

class Test

{

public static void main(String args[])

{

Scanner s= new Scanner(System.in);

Pattern p=new Pattern();

int n=s.nextInt();

p.print(n);

}

}

**/\*Write a Java program to print the following pattern**

**note:**

**if n>0, print pattern**

**else**

**print -1**

**sample**

**input =**

**5**

**output =**

**A**

**AB**

**ABC**

**ABCD**

**ABCDE**

**\*/**

import java.util.\*;

class Pattern

{

void print(int n)

{

char ch;

if(n>0)

{

for(int i=1;i<=n;i++)

{

ch='A';

for(int j=0;j<i;j++)

{

System.out.print(ch++);

}

System.out.println();

}

}

else

System.out.println("-1");

}

}

class Test

{

public static void main(String args[])

{

Scanner s= new Scanner(System.in);

Pattern p=new Pattern();

int n=s.nextInt();

p.print(n);

}

}

**/\*Write a Java program to print the following pattern**

**note:**

**if n>0, print pattern**

**else**

**print -1**

**sample**

**input =**

**5**

**output =**

**\***

**\*\*\***

**\*\*\*\*\***

**\*\*\*\*\*\*\***

**\*\*\*\*\*\*\*\*\***

**\*/**

import java.util.\*;

class Pattern

{

void print(int n)

{

if(n>0)

{

for(int i=1;i<=n;i++)

{

for(int j=i;j<n;j++)

{

System.out.print(" ");

}

for(int k=1;k<(i\*2);k++)

{

System.out.print("\*");

}

System.out.println();

}

}

else

System.out.println("-1");

}

}

class Test

{

public static void main(String args[])

{

Scanner s= new Scanner(System.in);

Pattern p=new Pattern();

int n=s.nextInt();

p.print(n);

}

}

**/\*Write a Java program to print the following pattern**

**note:**

**if n>0, print pattern**

**else**

**print -1**

**sample**

**input = 7**

**output =**

**1234567**

**12345**

**123**

**1**

**\*/**

import java.util.\*;

class Pattern

{

Scanner s= new Scanner(System.in);

int n;

void print()

{

n =s.nextInt();

if(n>0)

{

for(int i=n;i>=1;i-=2)

{

for(int j=1;j<=i;j++)

{

System.out.print(j);

}

System.out.println();

}

}

else

System.out.println("-1");

}

}

class Test

{

public static void main(String args[])

{

Pattern p=new Pattern();

p.print();

}

}

**/\*Write a Java program to print the following pattern**

**note:**

**if n>0, print pattern**

**else**

**print -1**

**sample**

**input =**

**5**

**output =**

**E**

**DE**

**CDE**

**BCDE**

**ABCDE**

**\*/**

import java.util.\*;

class Pattern

{

Scanner s= new Scanner(System.in);

int n;

Pattern()

{

n =s.nextInt();

}

void print()

{

if(n>0)

{

for(int i=n;i>=1;i--)

{

for(int j=i;j<=n;j++)

{

System.out.print((char)('A'+(j-1)));

}

System.out.println();

}

}

else

System.out.println("-1");

}

}

class Test

{

public static void main(String args[])

{

Pattern p=new Pattern();

p.print();

}

}

**/\*Write a Java program to print the following pattern**

**note:**

**if n>0, print pattern**

**else**

**print -1**

**sample**

**input = 5**

**output =**

**1**

**01**

**101**

**0101**

**10101**

**\*/**

import java.util.\*;

class Pattern

{

Scanner s= new Scanner(System.in);

int n;

void print()

{

n =s.nextInt();

if(n>0)

{

for(int i=1;i<=n;i++)

{

for(int j=i;j>=1;j--)

{

System.out.print(j%2);

}

System.out.println();

}

}

else

System.out.println("-1");

}

}

class Test

{

public static void main(String args[])

{

Pattern p=new Pattern();

p.print();

}

}