

```
(1) class HelloWorld
{
    public static void main (String args []) {
        System.out.println ("Hello World");
    }
}
```

```
(2) class LargestNumber
{
    public static void main (String args []) {
        int a=10, b=20;
        if (a>b)
            System.out.println ("A is greater");
        else
            System.out.println ("B is greater");
    }
}
```

```
(3) import java.util.*;
class UpToN
{
    public static void main (String args []) {
        Scanner in = new Scanner (System.in);
        int n;
        System.out.println ("Enter the Uptoill you numbers");
        n = in.nextInt();
        for (int i=1; i<=n; ++i)
            System.out.println (" " + i);
    }
}
```

④

class Pyramid

{

public static void main (String args [])

{

int n=4, count=1;

int i=0, j=0;

for (i=0; i<4; i++) {

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

System.out.println (" " + count);

count++;

}

}

}

}

⑤

import java.util.*;

class ~~Test~~ FinalGrade

{

public static void main (String args [])

{

int c, s, t;

Scanner in = new Scanner (System.in);

System.out.println ("Enter Your CTF Marks for 50");

c = in.nextInt();

System.out.println ("Enter Your SEF marks for 100");

s = in.nextInt();

t = c + (s/2);

if (t < 100 && t >= 90)

System.out.println ("You got S grade");

else if (t < 90 && t >= 80)

System.out.println ("You got A grade");


```

else if (t < 80 && t >= 70)
    system.out.println ("You got B grade");
else if (t < 70 && t >= 60)
    system.out.println ("You got C grade");
else if (t < 60 && t >= 50)
    system.out.println ("You got D grade");
else if (t < 50 && t >= 40)
    system.out.println ("You got E grade");
else if (t < 40)
    system.out.println ("You got F grade");
}
}

```

⑥

```

import java.util.*;
class primefactor
{
    public static void main (String args [])
    {
        in a, b; int count=0;
        Scanner in = new Scanner (System.in);
        System.out.println ("Enter two numbers");
        a = in.nextInt();
        b = in.nextInt();
        for (int i = a; i <= b; i++)
        {
            for (int j = 2; j <= b/i; j++)
            {
                if (i % j == 0)
                {
                    count++;
                    break;
                }
            }
        }
        if (count == 0 && i != 1)
            system.out.println (" " + i);
    }
}

```