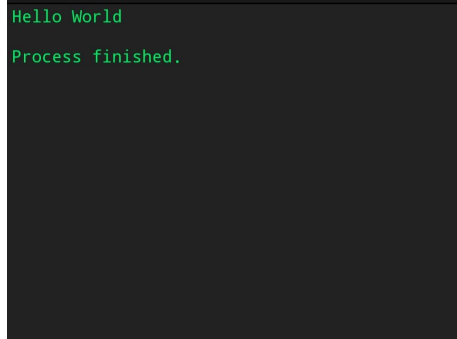


```
class HelloWorld
{
    public static void main(String args[])
    {
        System.out.println("Hello World");
    }
}
```

Output:



```
Hello World
Process finished.
```

```
class LargestNumber
{
    public static void main(String args[])
    {
        int a=10, b=20, c=5;
        if ((a>b)&&(a>c)){
            System.out.println("largest number is:a=" +a);
        }
        else
            if((b>a)&&(b>c)){
                System.out.println("largest number is:b=" +b);
            }
        else
            System.out.println("largest number is:c="+c);
    }
}
```

Output:

```
largest number is:b=20
Process finished.
|
```

```
import java.util.Scanner;

class values
{
    public static void main(String args[])
    {
        int n;
        System.out.println("Enter value:");
        Scanner in=new Scanner(System.in);
        n=in.nextInt();
        for (int i=1;i<=n;i++)
        {
            System.out.println(i);}
        }
    }
```

Output:

```
Use new line to separate multiple inputs.
Custom Input
|15
```

```
Enter value:
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

Process finished.
```

```
import java.util.*;

class Rows
{
    public static void main(String args[])
    {
        int n, count=1;
        Scanner in=new Scanner(System.in);
        System.out.print("Enter a number:\n\n");
        n=in.nextInt();
        for(int i=1;i<=n;i++){
            for(int j=0;j<i;j++)
            {
                System.out.print(count+"\t");
                count++;
            }
            System.out.print("\n\n");
        }
    }
}
```

Output:

```
Enter a number:
```

```
1
```

```
2 3
```

```
4 5 6
```

```
7 8 9 10
```

```
Process finished.
```

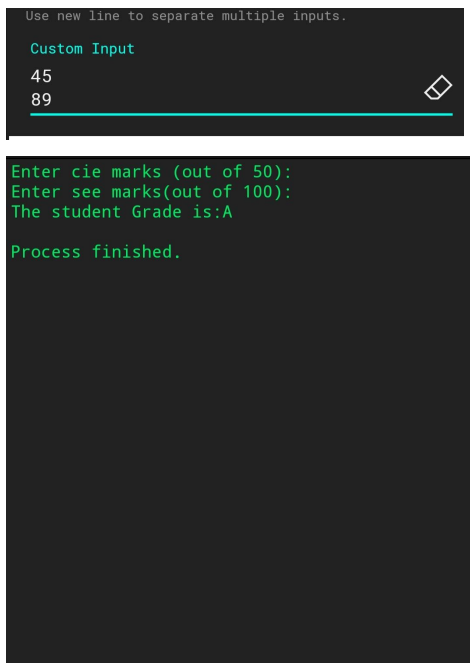
```
import java.util.*;
class Grades
{
    public static void main(String args[])
    {
        Scanner in=new Scanner(System.in);
        System.out.print("Enter cie marks (out of 50):\n");
        int cie=in.nextInt();
        System.out.print("Enter see marks(out of 100):\n");
        int see=in.nextInt();
        see=see/2;
        int total=cie+see;
        System.out.print("The student Grade is:");
        if(total>=90){
            System.out.println("S");
        }
        else
        if(total>=80 && total<90){
            System.out.println("A");
        }
        else
        if(total>=70 && total<80){
            System.out.println("B");
        }
        else if(total>=60 && total<50){
            System.out.println("C");
        }
    }
}
```

```

else if(total>=50 && total<60){
    System. out. println("D");
}
else if(total<50){
    System. out. println("E");
}
}
}
}

```

Output:



The screenshot shows a Java IDE with a dark theme. At the top, a message says "Use new line to separate multiple inputs." Below this, a "Custom Input" section shows two lines of input: "45" and "89". Below the input section, the program's output is displayed in green text: "Enter cie marks (out of 50):", "Enter see marks(out of 100):", "The student Grade is:A", and "Process finished.".

```
import java.util.*;
```

```

class Prime
{
    public static void main(String args[])
    {
        int i, j, a, b,flag;
        Scanner in=new Scanner (System.in);

        System.out.print("Enter the value of a:\n");
a=in.nextInt();
        System. out. print("Enter the value of b:\n");
b=in.nextInt();

```

```
System.out.print("\n Prime numbers between a and b are:\n");
if(a==0||b==1){
    System.out.print("1\n");
    a=2;
}
for ( i=a;i<=b;i++)
{
    flag=0;

    for( j=2;j<=i/2;j++){
        if(i%j==0){
            flag=1;
            break;
        }
    }
    if(flag==0)
        System.out.println(i);
}
}
```

Output:



Use new line to separate multiple inputs.

Custom Input

12
59

```
Enter the value of a:  
Enter the value of b:  
  
Prime numbers between a and b are:  
13  
17  
19  
23  
29  
31  
37  
41  
43  
47  
53  
59  
  
Process finished.
```