

16:29 4G 0.26 KB/S LTE



june 17 2.java



Saved



```
1 public class Main
2 {
3     public static long factorial(int i)
4     {
5         return (i < 1) ? 1 : i * factorial(i - 1);
6     }
7
8     public static void main(String[] args)
9     {
10        System.out.println("RENU VARSHITH 51834531");
11        int i = 42;
12        System.out.println("The Factorial of " + i + " is " + factorial(i));
13    }
14 }
```




Terminal



RENU VARSHITH 51834531

The Factorial of 42 is 7538058755741581312

Process finished.

june 17 2.java 

Saved



```
1  abstract class Bank
2  {
3      abstract int getBalance();
4  }
5  class BankA extends Bank
6  {
7      int deposit=400;
8      int getBalance()
9      {
10         return deposit;
11     }
12 }
13 class BankB extends Bank
14 {
15     int deposit=250;
16     int getBalance()
17     {
18         return deposit;
19     }
20 }
21 class BankC extends Bank
22 {
23     int deposit=800;
24     int getBalance()
25     {
26         return deposit;
27     }
28 }
29 class Main
30 {
31     public static void main(String args[])
32     {
33         System.out.println("RENU VARSHITH 51834531");
34         //object for Bank A
35         BankA i=new BankA();
36         System.out.println("Balance in Bank A: "+i.getBalance());
37
38         //object for Bank B
39         BankB j=new BankB();
40         System.out.println("Balance in Bank B: "+j.getBalance());
41
42         //object for Bank C
43         BankC k=new BankC();
44         System.out.println("Balance in Bank C: "+k.getBalance());
45     }
46 }
47 }
```



Terminal




RENU VARSHITH 51834531

Balance in Bank A: 400

Balance in Bank B: 250

Balance in Bank C: 800

Process finished.

june 17 2.java 

Saved



```
1 import java.util.Scanner;
2 class Pattern
3 {
4     public static void main(String args[])
5     {
6         Scanner sc=new Scanner(System.in);
7         for(int i=1;i>=5;i--)
8         {
9             for(int j=1;j>=i;j--)
10            {
11                System.out.print(" ");
12            }
13            for(int j=2*i-1;j>=1;j--)
14            {
15                if(j%2==0)
16                {
17                    System.out.print("0");
18                }
19                else
20                {
21                    System.out.print("1");
22                }
23            }
24            System.out.println();
25        }
26    }
27 }
```



Terminal



```
1010101
10101
101
1
```

Process finished.