

```
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("Madan Mohan");
11        System.out.println("51834548");
12        int i = 5;
13        System.out.println("The Factorial of " + i + " is " + factorial(i));
14    }
15 }
```

x Terminal

```
Suhail
51834539
The Factorial of 5 is 120
Process finished.
```

```
1 abstract class Bank
2 {
3     abstract int getBalance();
4 }
5 class BankA extends Bank
6 {
7     int deposit=6000;
8     int getBalance()
9     {
10         return deposit;
11     }
12 }
13 class BankB extends Bank
14 {
15     int deposit=700;
16     int getBalance()
17     {
18         return deposit;
19     }
20 }
21 class BankC extends Bank
22 {
23     int deposit=10000;
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("Suhail");
34         System.out.println("51834539");
35     }
36 }
```

```
35 //object for Bank A
36 BankA i=new BankA();
37 System.out.println("Balance in Bank A: "+i.getBalance());
38
39 //object for Bank B
40 BankB j=new BankB();
41 System.out.println("Balance in Bank B: "+j.getBalance());
42
43 //object for Bank C
44 BankC k=new BankC();
45 System.out.println("Balance in Bank C: "+k.getBalance());
46
47 }
48 }
```

x Terminal



Suhail

51834539

Balance in Bank A: 6000

Balance in Bank B: 700

Balance in Bank C: 10000

Process finished.