



h.java

Saved



```
1 abstract class Bank
2 {
3     abstract int getBalance();
4 }
5 class BankA extends Bank
6 {
7     int deposit=100;
8     int getBalance()
9     {
10         return deposit;
11     }
12 }
13 class BankB extends Bank
14 {
15     int deposit=150;
16     int getBalance()
17     {
18         return deposit;
19     }
20 }
21 class BankC extends Bank
22 {
23     int deposit=200;
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("Author:t.krishnateja\nSAP ID:");
34         //object for Bank A
35         BankA i=new BankA();
36         System.out.println("Balance in Bank A: "+i.getBal
37
38         //object for Bank B
39         BankB j=new BankB();
40         System.out.println("Balance in Bank B: "+j.getBal
```



Terminal



```
Author:t.krishnateja
SAP ID:51834696
Balance in Bank A: 100
Balance in Bank B: 150
Balance in Bank C: 200
```



h.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("Author:T.krishnateja \nSAP
11        int i = 5;
12        System.out.println("The Factorial of " + i + "
13    }
14 }
```

× Terminal



```
Author:T.krishnateja
SAP ID:51834696
The Factorial of 5 is 120

Process finished.
```



h.java



Saved

```
1 import java.util.Scanner;
2 class Pattern
3 {
4     public static void main(String args[])
5     {
6         System.out.println("Program by Krishna\nJava2\nSap:51834696");
7         Scanner sc=new Scanner(System.in);
8         for(int i=4;i>=1;i--)
9         {
10             for(int j=4;j>i;j--)
11             {
12                 System.out.print(" ");
13             }
14             for(int j=2*i-1;j>=1;j--)
15             {
16                 if(j%2==0)
17                 {
18                     System.out.print("0");
19                 }
20                 else
21                 {
22                     System.out.print("1");
23                 }
24             }
25             System.out.println();
26         }
27     }
28 }
29 }
```



Terminal



```
Program by Krishna
Java2
Sap:51834696
1010101
 10101
   101
    1
```

Process finished.