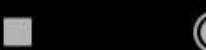```java
public class Main
{
    public static long factorial(int i)
    {
        return (i < 1) ? 1 : i * factorial(i - 1);
    }

    public static void main(String[] args)
    {
        System.out.println("Author:kkr sai teja\nSAP
        int i = 5;
        System.out.println("The Factorial of " + i
    }
}
```

**Terminal**

```
Author:kkr sai teja
SAP ID:51834532
The Factorial of 5 is 120

Process finished.
```

```java
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: KkR sai teja\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: KkR sai teja
SAP ID:51834532
Balance in Bank A: 100
Balance in Bank B: 150
Balance in Bank C: 200

```java
import java.util.Scanner;
 class Pattern
 {
   public static void main(String args[])
   {
     Scanner sc=new Scanner(System.in);
     for(int i=4;i>=1;i--)
     {
       for(int j=4;j>i;j--)
       {
         System.out.print(" ");
       }
       for(int j=2*i-1;j>=1;j--)
       {
         if(j%2==0)
         {
           System.out.print("0");
         }
         else
         {
           System.out.print("1");
         }
       }
       System.out.println();
     }
   }
 }
```

**Terminal**

```
1010101
 10101
  101
   1

Process finished.
```