

```
1 interface Bank
2 {
3     public void getBalance();
4 }
5 class BankA implements Bank
6 {
7     int deposit=100;
8     public void getBalance(){
9         System.out.println("The amount deposited in B
10     }
11 }
12 class BankB implements Bank
13 {
14     int deposit=150;
15     public void getBalance(){
16         System.out.println("The amount deposited in B
17     }
18 }
19 class BankC implements Bank
20 {
21     int deposit=200;
22     public void getBalance(){
23         System.out.println("The amount deposited in B
24     }
25 }
26 class Main
27 {
28     public static void main(String args[])
29     {
30         BankA ba=new BankA();
31         ba.getBalance();
32         BankB bb=new BankB();
33         bb.getBalance();
34         BankC bc=new BankC();
35         bc.getBalance();
36     }
37 }
```

✕ Terminal



```
The amount deposited in BankA 100$  
The amount deposited in BankB 150$  
The amount deposited in BankC 200$  
  
Process finished.
```

```

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          System.out.println("Author : J Sri Sai Manoj");
8          System.out.println("SAP ID : 51834596");
9          for(int i=4;i>=1;i--)
10         {
11             for(int j=4;j>i;j--)
12             {
13                 System.out.print(" ");
14             }
15             for(int j=2*i-1;j>=1;j--)
16             {
17                 if(j%2==0)
18                 {
19                     System.out.print("0");
20                 }
21                 else
22                 {
23                     System.out.print("1");
24                 }
25             }
26             System.out.println();
27         }
28     }
29 }
30

```

✕ Terminal



```

Author : J Sri Sai Manoj
SAP ID : 51834596
1010101
 10101
   101
    1

```

Process finished.



```

1  import java.util.Scanner;
2  class Factorial
3  {
4      static long factorial(int n)
5      {
6          int fact=1;
7          for(int i=n;i>=1;i--)
8          {
9              fact=fact*i;
10         }
11         return fact;
12     }
13     public static void main(String args[])
14     {
15         Scanner sc=new Scanner(System.in);
16         while(true)
17         {
18             System.out.println("Choose your option\n1
19             int option=sc.nextInt();
20             switch(option)
21             {
22                 case 1 :
23                     System.out.println("Enter a number :
24                     int num=sc.nextInt();
25                     System.out.println(FactorialNum.factorial(num));
26                     break;
27                 case 2 :
28                     System.out.println("Exited");
29                     System.exit(0);
30                 default :
31                     System.out.println("Invalid input");
32             }
33         }
34     }
35 }
36 }

```

## ✕ Terminal



```
Choose your option
1.Find factorial of a number
2.Exit
1
Enter a number :
6
720
Choose your option
1.Find factorial of a number
2.Exit
2
Exited

Process finished.
```



```

1  import java.util.Scanner;
2      public class Print
3      {
4          int Id;
5          String Name;
6          int number;
7          long Salary;
8          String doj;
9          String dob;
10         void GetData()
11         {
12             Scanner sc = new Scanner(System.in);
13             System.out.print("\n\tEnter Employee Name : ");
14             Name = sc.nextLine();
15             System.out.print("\n\tEnter Employee
16             number = Integer.parseInt(sc.nextLine
17             System.out.print("\n\tEnter Employee Salary :
18             Salary = Integer.parseInt(sc.nextLine
19             System.out.println("Enter your date of
20             doj = sc.nextLine());
21
22             System.out.println("Enter your date of birt
23             dob= sc.nextLine());
24         }
25         void PutData()
26         {
27             System.out.print("\n\t" +Name + "\t"
28             }
29         public static void main(String args[])
30         {
31             System.out.println("Author : J Sri Sai
32             System.out.println("SAP ID : 51834596")
33             Print[] p = new Print[10];
34             int i;
35             for(i=0;i<10;i++)
36                 p[i] = new Print();
37             for(i=0;i<10;i++)
38             {
39                 System.out.print("\n\tEnter details
40                 p[i].GetData();
41             }
42             System.out.print("\n\tDetails of Employ
43             for(i=0;i<10;i++)
44                 p[i].PutData();
45         }
46     }

```