

```
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 }
```

X 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 Mano
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 }
```

X 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\n");
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 }
```

X 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 birth
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("\nEnter details
40             p[i].GetData();
41         }
42         System.out.print("\nDetails of Employ
43         for(i=0;i<10;i++)
44             p[i].PutData();
45     }
46 }
```