

```
1 interface Bank
2 {
3     int getBalance();
4 }
5 class BankA implements Bank
6 {
7     public int getBalance()
8     {
9         System.out.println("Host_name:E.Haneesha\r");
10        return 100;
11    }
12 }
13 }
14 class BankB implements Bank
15 {
16     public int getBalance()
17     {
18         return 150;
19     }
20 }
21 class BankC implements Bank
22 {
23     public int getBalance()
24     {
25         return 200;
26     }
27 }
28 class Display
29 {
30     public static void main(String args[])
31     {
32         Bank a=new BankA();
33         System.out.println("Bank A : "+a.getBalanc
34         Bank b=new BankB();
35         System.out.println("Bank B : "+b.getBalanc
36         Bank c=new BankC();
37         System.out.println("Bank C : "+c.getBalanc
38     }
39 }
```

Host_name:E.Haneesha
Sap_id:51834630
Bank A : \$100
Bank B : \$150
Bank C : \$200

Process finished.

```
import java.util.Scanner;

public class Main
{
    int Id;
    String Name;
    int Age;
    long Salary;
    void GetData()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("Host_name:E.Haneesha");
        System.out.print("\n\tEnter Employee Id : ");
        Id = Integer.parseInt(sc.nextLine());
        System.out.print("\n\tEnter Employee Name : ");
        Name = sc.nextLine();
        System.out.print("\n\tEnter Employ
        Age = Integer.parseInt(sc.nextLine());
        System.out.print("\n\tEnter Employee Salary");
        Salary = Integer.parseInt(sc.nextLine());
    }
    void PutData()
    {
        System.out.print("\n\t" + Id + "\t");
    }
    public static void main(String args[])
    {
        Main[] M = new Main[10];
        int i;
        for(i=0;i<10;i++)
            M[i] = new Main();
        for(i=0;i<10;i++)
        {
            System.out.print("\nEnter data");
            M[i].GetData();
        }
        System.out.print("\nDetails of Emp
        for(i=0;i<3;i++)
            M[i].PutData();
    }
}
```

Enter details of 1 Employee

Host_name:E.Haneesha

Sap_id:51834630

Enter Employee Id : 7654

Enter Employee Name : Haneesha

Enter Employee Age : 18

Enter Employee Salary : 7654433

Enter details of 2 Employee

Host_name:E.Haneesha

Sap_id:51834630

Enter Employee Id : 6544

Enter Employee Name : honey

Enter Employee Age : 65

Enter Employee Salary : 76433

Enter details of 3 Employee

Host_name:E.Haneesha

Sap_id:51834630

Enter Employee Id : 5877

Enter Employee Name : bunny

Enter Employee Age : 68

Enter Employee Salary : 532246

Enter details of 4 Employee

Host_name:E.Haneesha

Sap_id:51834630

```
import java.util.Scanner;
class FactorialNum
{
    static long factorial(int n)
    {
        System.out.println("Host_name:E.Haneesha\");
        int fact=1;
        for(int i=n;i>=1;i--)
        {
            fact=fact*i;
        }
        return fact;
    }
    public static void main(String args[])
    {
        Scanner sc=new Scanner(System.in);
        while(true)
        {
            System.out.println("Choose your option");
            int option=sc.nextInt();
            switch(option)
            {
                case 1 :
                    System.out.println("Enter a number");
                    int num=sc.nextInt();
                    System.out.println(FactorialNum.fact(num));
                    break;
                case 2 :
                    System.out.println("Exited");
                    System.exit(0);
                default :
                    System.out.println("Invalid input");
            }
        }
    }
}
```

Choose your option

- 1.Find factorial of a number**
- 2.Exit**

1

Enter a number :

4

Host_name:E.Haneesha

Sap_id:51834630

24

Choose your option

- 1.Find factorial of a number**
- 2.Exit**

```
1 import java.util.Scanner;
2 class Pattern
3 {
4     public static void main(String args[])
5     {
6         System.out.println("Host_name:E.Haneesha");
7         Scanner sc=new Scanner(System.in);
8         System.out.println("Enter the number of rows");
9         int n=sc.nextInt();
10        for(int i=n;i>=1;i--)
11        {
12            for(int j=n;j>i;j--)
13            {
14                System.out.print(" ");
15            }
16            for(int j=2*i-1;j>=1;j--)
17            {
18                if(j%2==0)
19                {
20                    System.out.print("0");
21                }
22                else
23                {
24                    System.out.print("1");
25                }
26            }
27            System.out.println();
28        }
29    }
30 }
31 }
```

X Terminal



Host_name:E.Haneesha

Sap_id:51834630

Enter the number of rows :

3

10101

101

1

Process finished.