

```

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\n");
10         return 100;
11     }
12 }
13 class BankB implements Bank
14 {
15     public int getBalance()
16     {
17         return 150;
18     }
19 }
20 class BankC implements Bank
21 {
22     public int getBalance()
23     {
24         return 200;
25     }
26 }
27 class Display
28 {
29     public static void main(String args[])
30     {
31         Bank a=new BankA();
32         System.out.println("Bank A : "+a.getBalance());
33         Bank b=new BankB();
34         System.out.println("Bank B : "+b.getBalance());
35         Bank c=new BankC();
36         System.out.println("Bank C : "+c.getBalance());
37     }
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.nextL
```

```
    }
```

```
    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 deta
```

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

```

x Terminal



Host\_name:E.Haneesha

Sap\_id:51834630

Enter the number of rows :

3

10101

101

1

Process finished.

