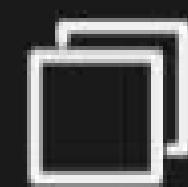


factorial.java

Saved

```
1 public class Main
2 {
3     public static long factorial(int i)
4     {
5         return (i < 1) ? 1 : i * factorial(i - 1)
6     }
7
8     public static void main(String[] args)
9     {
10        System.out.println("Name : Sk.farheena\n")
11        int i = 5;
12        System.out.println("The Factorial of " +
13    }
14 }
```

× Terminal



```
Name : Sk.farheena
SAP ID:51834710
The Factorial of 5 is 120
```

Process finished.

factorial.java 

← Saved → :

```
1 interface Bank
2 {
3     int getBalance();
4 }
5 class BankA implements Bank
6 {
7     public int getBalance()
8     {
9         return 100;
10    }
11 }
12 class BankB implements Bank
13 {
14     public int getBalance()
15     {
16         return 150;
17     }
18 }
19 class BankC implements Bank
20 {
21     public int getBalance()
22     {
23         return 200;
24     }
25 }
26 class Display
27 {
28     public static void main(String args[]){
29
30
31     System.out.println("Name : Sk.farheena");
32     {
33         Bank a=new BankA();
34         System.out.println("Bank A : $" + a.getBalance());
35         Bank b=new BankB();
36         System.out.println("Bank B : $" + b.getBalance());
37         Bank c=new BankC();
38         System.out.println("Bank C : $" + c.getBalance());
39     }
40 }
```

×

Terminal

```
Name : Sk.farheena
Bank A : $100
Bank B : $150
Bank C : $200
```

factorial.java 

Saved

```
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("Enter the number of rows :");
8         int n=sc.nextInt();
9         for(int i=n;i>=1;i--)
10        {
11            for(int j=n;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 }
```

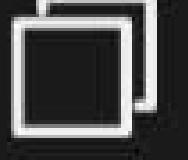
x Terminal 

```
Enter the number of rows :
5
101010101
1010101
10101
101
1
```

Process finished.

factorial.java  :
Saved

```
1 import java.util.Scanner;
2
3 public class Main
4 {
5     int Id;
6     String Name;
7     int Age;
8     long Salary;
9     void GetData()
10    {
11        Scanner sc = new Scanner(System.in);
12        System.out.print("\n\tEnter Employee Id : ");
13        Id = Integer.parseInt(sc.nextLine());
14        System.out.print("\n\tEnter Employee Name : ");
15        Name = sc.nextLine();
16        System.out.print("\n\tEnter Employee");
17        Age = Integer.parseInt(sc.nextLine());
18        System.out.print("\n\tEnter Employee Salary : ");
19        Salary = Integer.parseInt(sc.nextLine());
20    }
21    void PutData()
22    {
23        System.out.print("\n\t" + Id + "\t");
24    }
25    public static void main(String args[])
26    {
27        Main[] M = new Main[10];
28        int i;
29        for(i=0;i<10;i++)
30            M[i] = new Main();
31        for(i=0;i<10;i++)
32        {
33            System.out.print("\nEnter detail");
34        }
35    }
36}
```

X Terminal 

Enter details of 1 Employee

Enter Employee Id : 123

Enter Employee Name : sona

Enter Employee Age : 25

Enter Employee Salary : 15000