factorial.java

Saved

```java
public class Main
{
    public static long factorial(int i)
    {
        return (i < 1) ? 1 : i * factorial(i - 1);
    }

    public static void main(String[] args)
    {
        System.out.println("Name : Sk.farheena\nS
        int i = 5;
        System.out.println("The Factorial of " +
    }
}
```

Terminal

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

Process finished.
```

Scanned by TapScanner

factorial.java

Saved

```java
interface Bank
{
  int getBalance();
}
class BankA implements Bank
{
  public int getBalance()
  {
    return 100;
  }
}
class BankB implements Bank
{
  public int getBalance()
  {
    return 150;
  }
}
class BankC implements Bank
{
  public int getBalance()
  {
    return 200;
  }
}
 class Display
 {
   public static void main(String args[]){


   System.out.println("Name : Sk.farheena");
   {
     Bank a=new BankA();
     System.out.println("Bank A : $"+a.getBalanc
     Bank b=new BankB();
     System.out.println("Bank B : $"+b.getBalanc
     Bank c=new BankC();
     System.out.println("Bank C : $"+c.getBalanc
   }}
 }
```

Terminal

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

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factorial.java

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```java
import java.util.Scanner;
 class Pattern
 {
   public static void main(String args[])
   {
     Scanner sc=new Scanner(System.in);
     System.out.println("Enter the number of row
     int n=sc.nextInt();
     for(int i=n;i>=1;i--)
     {
       for(int j=n;j>i;j--)
       {
         System.out.print(" ");
       }
       for(int j=2*i-1;j>=1;j--)
       {
         if(j%2==0)
         {
           System.out.print("0");
         }
         else
         {
           System.out.print("1");
         }
       }
       System.out.println();
     }
   }
 }
```

Terminal

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

Process finished.
```

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factorial.java

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```java
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.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 Employee
              Age = Integer.parseInt(sc.nextLine()
    System.out.print("\n\tEnter Employee Salary :
              Salary = Integer.parseInt(sc.nextLin
        }
        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 detail
```

Terminal

```
Enter details of 1 Employee

 Enter Employee Id : 123

 Enter Employee Name : sona

 Enter Employee Age : 25

 Enter Employee Salary : 15000
```

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