



e..java

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```
1 import java.util.Scanner;
2 class FactorialNum
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        System.out.println("Question no:1\nAuthor:B.padm.");
16        Scanner sc=new Scanner(System.in);
17        while(true)
18        {
19            System.out.println("Choose your option\n1.Find
20            int option=sc.nextInt();
21            switch(option)
22            {
23                case 1 :
24                    System.out.println("Enter a number : ");
25                    int num=sc.nextInt();
26                    System.out.println(FactorialNum.factorial(n));
27                    break;
28                case 2 :
29                    System.out.println("Exited");
30                    System.exit(0);
31                default :
32                    System.out.println("Invalid input");
33            }
34        }
35    }
36 }
37 }
```



× Terminal



```
Question no:1
Author:B.padma sai
Sap id:51834617
Choose your option
1.Find factorial of a number
2.Exit
1
Enter a number :
5
120
Choose your option
1.Find factorial of a number
2.Exit
2
Exited

Process finished.
|
```

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```
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 Bank A")
10    }
11 }
12 class BankB implements Bank
13 {
14     int deposit=150;
15     public void getBalance(){
16         System.out.println("The amount deposited in BankB")
17    }
18 }
19 class BankC implements Bank
20 {
21     int deposit=200;
22     public void getBalance(){
23         System.out.println("The amount deposited BankC"+de
24    }
25 }
26 class Main
27 {
28     public static void main(String args[])
29     {
30         System.out.println("Question no:3\nAuthor:B.padma :
31         BankA i=new BankA();
32         i.getBalance();
33         BankB j=new BankB();
34         j.getBalance();
35         BankC k=new BankC();
36         k.getBalance();
37     }
38 }
```



Try Dcoder's keyboard



x Terminal



Question no:3

Author:B.padma sai

Sap id:51834617

The amount deposited in Bank A 100\$

The amount deposited in BankB150\$

The amount deposited BankC200\$

Process finished.





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```
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("Question no:4\nAuthor:B.padm
8         for(int i=4;i>=1;i--)
9         {
10             for(int j=4;j>i;j--)
11             {
12                 System.out.print(" ");
13             }
14             for(int j=2*i-1;j>=1;j--)
15             {
16                 if(j%2==0)
17                 {
18                     System.out.print("0");
19                 }
20                 else
21                 {
22                     System.out.print("1");
23                 }
24             }
25             System.out.println();
26         }
27     }
28 }
```

× Terminal



```
Question no:4
Author:B.padma sai
Sap id:51834617
1010101
 10101
   101
    1
```



e..java

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```
1 import java.util.Scanner;
2
3 public class Main
4 {
5     int Id;
6     String Name;
7     int number;
8     long Salary;
9     String dj;
10    String db;
11    void GetData()
12    {
13        Scanner sc = new Scanner(System.in);
14        System.out.print("\n\tEnter Employee Name : ");
15        Name = sc.nextLine();
16        System.out.print("\n\tEnter Employee mobile number : ");
17        number = Integer.parseInt(sc.nextLine());
18        System.out.print("\n\tEnter Employee Salary : ");
19        Salary = Integer.parseInt(sc.nextLine());
20        System.out.println("Enter your date of join : ");
21        dj = sc.nextLine();
22
23        System.out.println("Enter your date of birth (dd-mm-yyyy) : ");
24        db = sc.nextLine();
25    }
26    void PutData()
27    {
28        System.out.print("\n\t" + Name + "\t" + number + "\t" + Salary + "\t" + dj + "\t" + db);
29    }
30    public static void main(String args[])
31    {
32        System.out.println("Question no:5\nAuthor: Dcoder");
33        Main[] M = new Main[10];
34        int i;
35        for(i=0;i<10;i++)
36            M[i] = new Main();
37        for(i=0;i<10;i++)
38        {
39            System.out.print("\nEnter details of Employee " + (i+1) + " : ");
40            M[i].GetData();
41        }
42        System.out.print("\nDetails of Employees\n");
43        for(i=0;i<10;i++)
44            M[i].PutData();
45    }
46 }
```



× Terminal



Question no:5
Author:B.padma sai
Sap id:51834617

Enter details of 1 Employee

Enter Employee Name : padmasai

Enter Employee mobile number: 16828729

Enter Employee Salary : 2000
Enter your date of join (dd-MM-yyyy):
16-may-2007
Enter your date of birth (dd-MM-yyyy):
16-june-2020

Enter details of 2 Employee

Enter Employee Name :

Ad



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