

## 1st question 25 july.java



Saved

```
1 /*Program to find a factorial using menu driven
2 1st question 25 july*/
3
4 import java.util.*;
5 public class Factorial {
6
7     public static void main(String[] args) {
8         Scanner s = new Scanner(System.in);
9         System.out.println("Tarun sai \n Sap =51834698");
10        System.out.println("Welcome to Factorial Program");
11        System.out.println("1.factorial\n2.exit");
12        int choice = s.nextInt();
13        switch(choice){
14            case 1:
15                System.out.println("enter number for factorial");
16                int num = s.nextInt();
17                long factorial = 1;
18                for(int i = 1; i <= num; ++i)
19                {
20
21                    factorial *= i;
22                }
23                System.out.printf("Factorial of %d = %d", num, factorial);
24                break;
25            case 2:
26                System.out.println("thanks");
27                break;
28            default:
29                System.out.println("enter 1 and 2 numbers only");
30            }
31        }
32    }
```

x Terminal



```
Tarun sai
Sap =51834698
Welcome to Factorial Program
1.factorial
2.exit
1
enter number for factorial
10
Factorial of 10 = 3628800
Process finished.
```



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```
1 /*Program to creat a bank using Interface
2 25th july*/
3 interface Bank
4 {
5     public void getBalance();
6 }
7 class BankA implements Bank
8 {
9     int deposit=100;
10    public void getBalance(){
11        System.out.println("Tarun sai \n SAP=51834698");
12        System.out.println("The amount deposited in Bank A ="+deposit+"$");
13    }
14 }
15 class BankB implements Bank
16 {
17     int deposit=150;
18     public void getBalance(){
19         System.out.println("The amount deposited in BankB="+deposit+"$");
20     }
21 }
22 class BankC implements Bank
23 {
24     int deposit=200;
25     public void getBalance(){
26         System.out.println("The amount deposited BankC="+deposit+"$");
27     }
28 }
29 class Balance
30 {
31     public static void main(String args[])
32     {
33         BankA i=new BankA();
34         i.getBalance();
35         BankB j=new BankB();
36         j.getBalance();
37         BankC k=new BankC();
38         k.getBalance();
39     }
40 }
```

x Terminal



Tarun sai

SAP=51834698

The amount deposited in Bank A =100\$

The amount deposited in BankB=150\$

The amount deposited BankC=200\$

Process finished.



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```
1 /*Pattern 25 th july*/
2 import java.util.Scanner;
3 class Pattern
4 {
5     public static void main(String args[])
6     {
7         Scanner sc=new Scanner(System.in);
8         System.out.println("Tarun sai \nSAP=51834698");
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



Tarun sai

SAP=51834698

Enter the number of rows :

4

1010101

10101

101

1

Process finished.