```java
import java.util.Scanner;
import java.util.InputMismatchException;
class Calculator
{

    public void add(float a,float b, float c)
    {
        System.out.println(a+"+"+b+"+"+c+"="+(a
    }
    public void add(float a,float b)
    {
        System.out.println(a+"+"+b+"="+(a+b));
    }


    public void subtract(float a,float b, float
    {
        System.out.println(a+"-"+b+"-"+c+"="+(a
    }
    public void subtract(float a,float b)
    {
        System.out.println(a+"-"+b+"="+(a-b));
    }


    public void product(float a,float b)
    {
        System.out.println(a+"*"+b+"="+(a*b));
    }


    public void division(float a,float b)
    {
        System.out.println(a+"/"+b+"="+(a/b));
    }
}
class Main
{
    public static void main (String[] args) {
        Calculator cal=new Calculator();
        Scanner sc=new Scanner(System.in);
        try
        {
            System.out.println("1. ADD\n2. SUB
            "4. DIVISION\n5. EXIT\nEnter your
            int op=sc.nextInt();
```

```java
47    switch(op)
48    {
49        case 5:
50            System.out.println("Exit...");
51            System.exit(0);
52            break;
53        case 1:
54            System.out.print("Enter operand 1: ")
55            float add1=sc.nextFloat();
56            System.out.print("Enter operand 2: ")
57            float add2=sc.nextFloat();
58            System.out.print("Enter operand 3(if
59                            " else enter 0):
60            float add3=sc.nextFloat();
61            if(add3==0)
62            {
63                cal.add(add1, add2);
64            }
65            else
66            {
67                cal.add(add1, add2, add3);
68            }
69            break;
70        case 2:
71            System.out.print("Enter operand 1: ");
72            float sub1=sc.nextFloat();
73            System.out.print("Enter operand 2: ")
74            float sub2=sc.nextFloat();
75            System.out.print("Enter operand 3(if
76                            " else en
77            float sub3=sc.nextFloat();
78            if(sub3==0)
79            {
80                cal.subtract(sub1, sub2);
81            }
82            else
83            {
84                cal.subtract(sub1, sub2, sub3);
85            }
86            break;
87        case 3:
88            System.out.print("Enter operand 1: ")
89            float mul1=sc.nextFloat();
90            System.out.print("Enter operand 2: ")
91            float mul2=sc.nextFloat();
```

```java
                case 4:
                    System.out.print("Enter operand 1:
                    float div1=sc.nextFloat();
                    System.out.print("Enter operand 2:
                    float div2=sc.nextFloat();
                    if(div2==0)
                    {
                        throw new ArithmeticException("
                    }
                    cal.division(div1,div2);
                    break;
                default:
                    System.out.println("Invalid choice:
        }
}
catch(InputMismatchException ime)
{
    System.out.println("You have entered input
}
catch(ArithmeticException ae)
{
    System.out.println(ae.getMessage());
}
System.out.println("Rahul Java2 51834543");
```

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```
1. ADD
2. SUBTRACT
3. MULTIPLICATION
4. DIVISION
5. EXIT
Enter your choice:
3
Enter operand 1: 5
Enter operand 2: 9
5.0*9.0=45.0
Rahul Java2 51834543

Process finished.
```

```java
import java.util.Scanner;
class Main
{
    public static boolean isPalindrome(String s)
    {
        if(s.length() == 0 || s.length() == 1)
        {
            return true;
        }
        if(s.charAt(0) == s.charAt(s.length()-1)
        {
            return isPalindrome(s.substring(1, s
        }
        else
        return false;
    }
    public static void main (String[] args) {
        Scanner sc=new Scanner(System.in);
        System.out.print("\nEnter a String: ");
        String s=sc.nextLine();
        if(isPalindrome(s.toLowerCase().replaceA
        {
            System.out.println(s+" is a Palindro
        }
        else
        {
            System.out.println(s+" is not a Pali
        }
        System.out.println("Rahul Java2 51834543
    }
}
```

Make public 🌐

```
Enter a String: 99
99 is a Palindrome.
Rahul Java2 51834543

Process finished.
```

```java
import java.util.Scanner;
class Main
{
    public static void main (String[] args) {
        Scanner sc=new Scanner(System.in);
        System.out.print("Enter a number: ");
        int n=sc.nextInt();
        countOdd(n);
    }
    public static void countOdd(int num)
    {
        int digit, countOdd=0;
        int temp=num;
        while(num>0)
        {
            digit=num%10;
            num=num/10;
            if(digit==0)
            {
                continue;
            }
            if(digit%2!=0)
            {
                countOdd++;
            }
        }
System.out.println("Number of even digit in "+te
System.out.println("Rahul Java2 51834543");
}
}
```

: Try Dcoder's keyboard ⌨

```
Terminal                              ☐

Enter a number: 25
Number of even digit in 25 is 1
Rahul Java2 51834543

Process finished.
```

```java
import java.util.*;
public class BubbleSort {
    public static void main(String []args) {
   String str[] = { "Alex", "Joe", "Leo", "Ben",
   String temp;
   System.out.println("Strings in sorted order:")
   for (int j = 0; j < str.length; j++) {
        for (int i = j + 1; i < str.length; i++)
     // comparing adjacent strings
     if (str[i].compareTo(str[j]) < 0) {
       temp = str[j];
       str[j] = str[i];
       str[i] = temp;
     }
      }
     System.out.println(str[j]);
   }
    System.out.println("Rahul Java2 51834543");
}
}
```

Try Dcoder's keyboard ⌨

```
Strings in sorted order:
Alex
Ben
Joe
Leo
Stark
Rahul Java2 51834543

Process finished.
```

Answers In The Order

1
2
3
5