```java
import java.util.Arrays;

class Main
{
  public static void swap(int[] arr, int a, int b)
  {
    int temp = arr[a];
    arr[a] = arr[b];
    arr[b] = temp;
  }

  public static void bubbleSort(int[] arr, int m)
  {
    for (int a = 0; a < m - 1; a++) {
      if (arr[a] > arr[a + 1]) {
        swap(arr, a, a + 1);
      }
    }
    if (m - 1 > 1) {
      bubbleSort(arr, m - 1);
    }
  }

  public static void main(String[] args)
  {
    int[] arr = { 5, 1, 7, 9, 8, 0, 2 };

    bubbleSort(arr, arr.length);

    System.out.println("Author:A.swathi\n SAP ID:51834629");
    System.out.println(Arrays.toString(arr));
  }
}
```

Terminal

```
Author:A.swathi
 SAP ID:51834629
[0, 1, 2, 5, 7, 8, 9]
Process finished.
```

```java
import java.util.*;
public class Main
{
  public static void main (String[] args)
  {
    System.out.println("Author :A.swathi \n SAP ID:51834629");
    int count=0;
    int rem=0 ;
    Scanner sc=new Scanner(System.in);
    System.out.println("enter a number :");
    int n= sc.nextInt();
    while(n>0)
    {
      rem=n%10;
      if(rem%2!=0)
      {
        count++;
      }
      n=n/10;

    }
    System.out.println("no of odd digits in number are ; "+cou

  }
}
```

Terminal

```
Author :A.swathi
 SAP ID:51834629
enter a number :
35
no of odd digits in number are ; 2
Process finished.
```

```java
public class Main
{
  public static boolean isPalindrome(String string, int low, i
  {
    if (low >= high) {
      return true;
    }

    if (string.charAt(low) != string.charAt(high)) {
      return false;
    }

    return isPalindrome(string, low + 1, high - 1);
  }

  public static void main(String[] args)
  {
    String string = "string";

    if (isPalindrome(string, 0, string.length() - 1)) {
      System.out.println("Author:A.swathi \nSAP ID:51834629");
      System.out.print("given String is Palindrome");
    } else {
      System.out.println("Author:A.swathi \nSAP ID:51834629");
      System.out.print("given String is Not Palindrome");
    }
  }
}
```

✕ *Terminal*

```
Author:A.swathi
SAP ID:51834629
given String is Not PalindromeProcess finished.
```

```
1   port java.util.Scanner;
2   port java.util.InputMismatchException;
3   ass Calculator
4
5
6       public void add(float a,float b, float c)
7       {
8           System.out.println(a+"+"+b+"+"+c+"="+(a+b+c));
9       }
10      public void add(float a,float b)
11      {
12          System.out.println(a+"+"+b+"="+(a+b));
13      }
14
15
16      public void subtract(float a,float b, float c)
17      {
18          System.out.println(a+"-"+b+"-"+c+"="+(a-b-c));
19      }
20      public void subtract(float a,float b)
21      {
22          System.out.println(a+"-"+b+"="+(a-b));
23      }
24
25
26      public void product(float a,float b)
27      {
28          System.out.println(a+"*"+b+"="+(a*b));
29      }
30
31
32      public void division(float a,float b)
33      {
34          System.out.println(a+"/"+b+"="+(a/b));
35      }
36
37  blic class Main
```

Terminal

```
Author: A.swathi
SAP ID:51834629
1. ADD
2. SUBTRACt
3. MULTIPLICATION
4. DIVISION
5. EXIT
Enter your choice:
2
Enter operand 1: 43
Enter operand 2: 56
Enter operand 3(if you want. else enter 0): 78
43.0-56.0-78.0=-91.0
Process finished.
```