```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:Y.Naveen sai \n SAP ID:518345
    System.out.println(Arrays.toString(arr));
  }
}
```

Terminal

```
Author:Y.Naveen sai
 SAP ID:51834545
[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 :Y.Naveen sai \n SAP ID:51834
        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 ; "+c
    }
}
```

```
✕  Terminal                                          ⧉

Author :Y.Naveen sai
 SAP ID:51834545
enter a number :
134723
no of odd digits in number are ; 4

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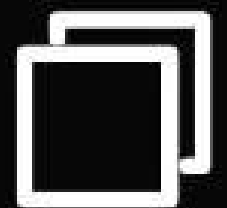
```java
public class Main
{
    public static boolean isPalindrome(String string, int low
    {
        if (low >= high) {
            return true;
        }

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

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

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

        if (isPalindrome(string, 0, string.length() - 1)) {
            System.out.println("Author: Y. Naveen sai\nSAP ID:5
            System.out.print("given String is Palindrome");
        } else {
            System.out.print("given String is Not Palindrome");
        }
    }
}
```

✕ Terminal ⧉

```
Author: Y. Naveen sai
SAP ID:51834545
given String is Palindrome
Process finished.
```

```
Author: Y. Naveen sai
SAP ID:51834545
1. ADD
2. SUBTRACt
3. MULTIPLICATION
4. DIVISION
5. EXIT
Enter your choice:
1
Enter operand 1: 2
Enter operand 2: 6
Enter operand 3(if you want. else enter 0): 0
2.0+6.0=8.0

Process finished.
```