**Day 47 coding Statement :** Write Program to find longest palindrome in an array

Description

Get an array as the input from the user and find the longest palindrome in that array.

**Input**

Enter the size of array

3

Enter the elements of array

121 10456 1000001

**Output**

1000001

import java.util.Scanner;

public class RatanPrajapati\_day47 {

    public static boolean palindrom(int n) {

        int temp = n;

        int a = 0, sum = 0;

        while (n > 0) {

            a = n % 10;

            sum = sum \* 10 + a;

            n /= 10;

        }

        if (temp == sum) {

            return true;

        } else {

            return false;

        }

    }

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.println("Enter the size of array");

        int size = sc.nextInt();

        int[] arr = new int[size];

        int maxNum = Integer.MIN\_VALUE;

        System.out.println("Enter the elements of array");

        for (int i = 0; i < size; i++) {

            arr[i] = sc.nextInt();

            if (palindrom(arr[i])) {

                maxNum = Math.max(maxNum, arr[i]);

            }

        }

        if (palindrom(maxNum)) {

            System.out.println(maxNum);

        } else {

            System.out.println("Palindrom is not there in the Array");

        }

    }

}