

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

import java.util.*;

public class Main

{

static boolean check(int n)

{

int div = 1;

while (n / div >= 10)

div *= 10;

while (n != 0) {

int x = n / div;

int y = n % 10;

if (x != y)

return false;

n = (n % div) / 10;

div = div / 100;

}

return true;

}

static int largestPal(int []arr, int n)

{

int res = -1;

for (int i = 0; i < n; i++)

{

if (arr[i] > res && check(arr[i]))

res = arr[i];

}

return res;

}

public static void main(String []args)

```
{  
int n;  
Scanner sc = new Scanner(System.in);  
System.out.println("Enter the size of the array: ");  
n = sc.nextInt();  
int[] arr = new int[n];  
System.out.println("Enter the array elements: ");  
for(int i = 0; i < n; i++)  
{  
arr[i] = sc.nextInt();  
}  
System.out.println("Longest Palindrome: "+largestPal(arr, n));  
}  
}
```