import java.util.Scanner;

public class Main

{

public static void main(String[] args)

{

int a;

Scanner sc = new Scanner(System.in);

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

a = sc.nextInt();

int numerals[] = new int[a];

System.out.println("Enter " + a + " elements");

for(int b = 0;b < a;b++)

numerals[b] = sc.nextInt();

// assigning first numeral of an array to largest and smallest

int largest = numerals[0];

int smallest = numerals[0];

for(int x = 1;x < numerals.length;x++)

{

if(numerals[x] > largest)

largest = numerals[x];

else if(numerals[x] < smallest)

smallest = numerals[x];

}

System.out.println("Largest Number in array is " + largest);

System.out.println("Smallest Number in array is " + smallest);

}

}