import java.io.\*;

public class FindLargestSmallestNumberMain {

public static void main(String []args)throws IOException

{

BufferedReader br = new BufferedReader(new InputStreamReader(System.in));

System.out.print("Enter the number of elements in an array: ");

int min,max;

int n=Integer.parseInt(br.readLine());

int arr[]=new int[n];

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

System.out.print("Enter the element "+(i+1)+": ");

arr[i]=Integer.parseInt(br.readLine());

}

min=arr[0];

max=arr[0];

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

if(min>arr[i]){

min=arr[i];

}

if(max<arr[i]){

max=arr[i];

}

}

System.out.print("\nThe smallest value is: "+min);

System.out.print("\nThe largest value is: "+max);

}

}