```java
/*
 Day 45 coding Statement : Write Program to find smallest and largest element in an array
 */
package min_max_in_array;
import java.util.*;
public class Min_max_in_array {


    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        int n=sc.nextInt();
        int a[]=new int[n];
        int min;
        int max=0;
        for(int i=0;i<n;i++){
            a[i]=sc.nextInt();
        }
        min=a[0];
        for(int i=0;i<n;i++){
            if(min>a[i]){
                min=a[i];
            }
    }
        System.out.println("Smallest element: "+min);
        for(int i=0;i<n;i++){
            if(max<a[i]){
                max=a[i];
            }
    }
        System.out.println("Largest element: "+max);
```

}}