

# Economics Students (d)

## Problem Description

N students took a course on economics and  $m_1, m_2, m_3, \dots, m_n$  represent marks of students 1 to N.

Output maximum and minimum marks.

## Input format

First line contains a integer N. Second line contains N integers representing marks of each student.

N  
 $m_1, m_2, m_3, \dots, m_n$

## Output format

Output two space separated integers - maximum and minimum marks respectively.

## Error handling

Marks should be in range  $[0, 100]$ , if not print (without quotes) "INVALID INPUT", ensure that there are no additional spaces and that text is in **Upper case**.

## Constraints

$1 \leq N \leq 1e5$   
 $0 \leq m_i \leq 1e9$

## Sample input 1

5  
10 30 40 60 70

## Sample output 1

70 10

## Sample Input 2

5  
101 30 40 60 70

# Sample Output 2

INVALID INPUT