
Max and MIN

Input file: `standard input`
Output file: `standard output`
Time limit: 1 second
Memory limit: 64 megabytes

Given an array A of size N . Print the **minimum** and the **maximum** number in the array.

Note: Solve this problem using function.

Input

First line will contain a number N ($1 \leq N \leq 10^3$) number of elements.

Second line will contain N numbers ($0 \leq X_i \leq 10^5$).

Output

Print the **minimum** and the **maximum** number separated by a space.

Example

standard input	standard output
5 10 13 95 1 3	1 95