
72779. Maxi

Input file: `standard input`
Output file: `standard output`
Time limit: 1 second
Memory limit: 256 megabytes

Given n integers. In this task, you should find the maximum from these numbers.

Input

In first line, given n . $1 \leq n \leq 1000$. In the second line, given n integer numbers.

Output

Output the maximum.

Examples

standard input	standard output
5 1 2 3 4 5	5
4 1 1 2 1	2
10 1 2 3 1 2 3 10 2 1 11	11
1 2	2
2 1 100	100