
Max

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

Given a number N , and N numbers, find **maximum** number in these N numbers.

Input

First line contains a number N ($1 \leq N \leq 10^3$).

Second line contains N numbers X_i ($0 \leq X_i \leq 10^9$).

Output

Print the **maximum** number.

Example

standard input	standard output
5 1 8 5 7 5	8