1495 - Increasing Order List

Description

You are given a list of 1000 integers at most, and you must order its elements ascending.

Input specification

The first line of the input is N, the number of elements in the list. In each of the N following lines, there are one positive integer number 1 <= Ni <= 1000.

Output specification

You must print the same (N) numbers, one per line, but now in ascending order.

Sample input

```
3
15
35
1
```

Sample output

```
1
15
35
```

Hint(s)

Source	Yonny Mondelo Hernández (UCI)
Added by	**ejaltuna**
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Time limit (ms)	5000
Test limit (ms)	1000
Memory limit (kb)	130000