

2784 - In Order of Size

Description

The School of Gladiators have an awards ceremony and want sort all fighters in a line in ascending order by height except the highest, which will go to the beginning of the row.

Input specification

The first line is an integer **N** ($1 \leq N \leq 10000$) indicating the amount of fighters. The next line contains **N** space separate integers **hi** ($1 \leq hi \leq 1000$), the height of the **i**th fighter.

Output specification

Print a line with the height of the fighters separate by a space, sorted in the manner described above.

Sample input

```
3
2 1 53
```

Sample output

```
53 1 2
```

Hint(s)

Source	Nelson González Peñate
Added by	ymondelo20
Addition date	2014-03-25
Time limit (ms)	15000
Test limit (ms)	1500
Memory limit (kb)	130000
Output limit (mb)	64
Size limit (bytes)	15000