BlueBook - Max is Last

BlueBook

Write a program where you are given a list of N distinct real numbers where $0 \leq N \leq 100$. Take the largest item of the list and print it last. All other items in the list should remain in their original order.

Input Specification

The first line of input will be an integer, N ($0 \leq N \leq 100$). Next will be N real numbers.

Output Specification

Output the largest number at the end rounded to two decimal places. Do not rearrange the rest of the numbers and output them as inputted (rounded to two decimal places).

Sample Input

```
4
3
2.7
5.12
-0.63
```

Sample Output

```
3.00
2.70
-0.63
5.12
```