

[All Contests](#) > [22\\_PPS1\\_Lab5](#) > [Sort real numbers](#)

# Sort real numbers

 locked

Problem

Submissions

Leaderboard

Discussions

Sort real numbers given in the input. Use float array to store input real numbers.

## Input Format

First line will contain count (n) of numbers in the input

Second line will contain n real numbers separated by space

## Constraints

 $1 \leq n \leq 1000000$ 

## Output Format

Output should contain n real numbers separated by space in sorted order. Print exactly 3 positions after decimal point.

## Sample Input 0

```
3
1.5 6 2.3
```

## Sample Output 0

```
1.500 2.300 6.000
```

## Sample Input 1

```
11
2 5 3 6 4 1 8 7 10 9 8
```

## Sample Output 1

```
1.000 2.000 3.000 4.000 5.000 6.000 7.000 8.000 8.000 9.000 10.000
```


  Submissions: [140](#)

Max Score: 10

Difficulty: Medium

Rate This Challenge:

☆☆☆☆☆

 Download problem statement

[Download all test cases](#)[Suggest Edits](#)[Collapse](#)[Admin Options](#)[Edit Challenge](#)[View Submissions](#)

C

```
1▼ #include <stdio.h>
2
3▼ int main() {
4
5▼     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
6     return 0;
7 }
```

Line: 1 Col: 1

[Upload Code as File](#) ☐ Test against custom input

Run Code

Submit Code