



VSU COPP

B - 'Sorting Float Num'

Problem description

You are given a list of floating-point numbers representing data points collected from various sources. Your task is to sort these numbers in ascending order. Sorting is a fundamental operation that organizes data, making it easier to analyze and visualize.

Input

The first line of input contains an integer N , representing the number of elements in the array. The second line contains N space-separated floating-point numbers, representing the elements of the array.

Output

Print the sorted list of floating-point numbers in ascending order. Each number should be separated with space with one decimal place.

Constraints

- $1 \leq N \leq 10^5$
- *Each element of the array is a floating – point number.*

Sample input/output

Sample input and output for this problem:

Input	Output
5 3.2 1.5 4.8 2.1 5.0	1.5 2.1 3.2 4.8 5.0
3 9.0 7.4 8.6	7.4 8.6 9.0