



1001. Easy sort

Total: 113 Accepted: 59

Description

Time Limit: 1sec Memory Limit: 32MB

You know sorting is very important. And this easy problem is:

Given you an array with N non-negative integers which are smaller than 10,000,000, you have to sort this array. Sorting means that integer with smaller value presents first.

Input

The first line of the input is a positive integer T. T is the number of the test cases followed.

The first line of each test case is a positive integer N ($1 \leq N \leq 1000$) which represents the number of integers in the array. After that, N lines followed. The i-th line is the i-th integer in the array.

Output

The output of each test case should consist of N lines. The i-th line is the i-th integer of the array after sorting. No redundant spaces are needed.

Sample Input

[Copy](#)

```
2
3
1
2
3
1
1
```

Sample Output

[Copy](#)

```
1
2
3
1
```

Problem Source: ZSUACM Team Member

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