Problem 3. Sort a large list

Problem Statement

Write a program that sort a list in increasing order.

Input Statement

First line contains an integer t, which is the number of test cases.
Each test case consists of two lines.
The first line contains $N(\leq 100000)$, which is the length of the list.
Second line contains N integers $L = v_1, v_2, ..., v_N$. Each element is separated by a space.
Each test case is separated by a line.

Output Statement

For each test case, output all elements of given input list in increasing order.
Each element should be separated by a space.

Input Example

3
3
3 2 1
7
5 7 1 4 2 3 6
10
55 7 96 64 14 5 36 68 59 70

Output Example

1 2 3
1 2 3 4 5 6 7
5 7 14 36 55 59 64 68 70 96