Binary Array Sorting

Given a binary array, sort it in non-decreasing order

Input: First line contains an integer denoting the test cases 'T'. Every test case contains two lines, first line is size and second line is space separated elements of array

Output: Space separated elements of sorted arrays. There should be a new line between output of every test case.

Constraints:
1 <= Size of Array <= 1000
10 <= Number of test cases <= 100

Example:

Input:
2
5
1 0 1 1 0
10
1 0 1 1 1 1 1 0 0 0

Output:
0 0 1 1 1
0 0 0 0 1 1 1 1 1 1