Bubble oh Bubble

Jojo is a new teacher at a school. When returning from school, all students compete with each other to get out of the classroom door to go home. Resulting in many students being injured and crying. Jojo as a good teacher wants to make a rule, that is, whose name after being sorted is first in alphabetical order, can come out first, second can come out second, and so on. Jojo already has a list of student names that he has made himself, but they are not in order. As a good friend of Jojo, you will be happy to help Jojo to make him an ordered list

Format Input

The input consists of several lines in **"testdata.in"** file.

The first line contains T, the number of test cases.

For each test case, the input consists of 2 lines:

The first line contains N, the number of student in the class, and the second line consists of N-words which is the names of students in lowercase characters.

Format Output

Output "Case #X:" for each question, where X is the question number, followed by N-words, the sorted list of the student name.

Constraints

$1 \leq T \leq 10$
$1 \leq N \leq 1000$
$1 \leq |Ai| \leq 100$

Sample Input (testdata.in)	Sample Output (standard output)
3 3 jojo lili bibi 3 gehai abece deeef 1 jojo	Case #1: bibi jojo lili Case #2: abece deeef gehai Case #3: jojo