

Problem I
Largest Number

Source file: largest.{c | cpp | java}

Input file: largest.in

You are asked to generate the largest integer number by arranging a given list of numbers. For example, given 10, 20, 3, 9, the largest formed number is 932010.

Input

The input file will start with a positive integer k represents the number of problem instances. Each problem instances starts with an integer n followed by n numbers. Each number, m is a nonnegative number less than or equal to 999999

$$1 \leq k \leq 1000$$

$$1 \leq n \leq 100$$

$$0 \leq m \leq 999999$$

Output

For each problem instance, your program should one line that contains the largest possible integer. The last line should be empty.

Sample Input

```
4
2 123 55
3 51 52 59
4 1 2 3 999
2 7 74
```

Output for sample input

```
55123
595251
999321
774
```