



A Classmate

Problem Code: **CSGGV2**



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Problem description.

Suppose your friend studies in an institute and there are many students studying with your friend. Once upon a time one of his classmates "RAJ" asked him to write a program to solve a problem and he asked for your help.

The problem was that an array (elements X_i) of numbers is given, arrange it in the form of a single number such that the concluded number is the maximum.

Input

- The first line of the input contains an integer T denoting the number of test cases. The description of T test cases follows.
- The first line of each test case contains a single integer denoting the number of elements in the array.
- The next line contains the elements of the array.

Output

- For each test case, output a single line containing the maximum number.

Constraints

- $1 \leq T \leq 10^3$
- $1 \leq N \leq 10^3$
- $1 \leq X_i \leq 100$

Example

Input:

```
1
10
99 8 76 45 66 9 7 33 5 42
```

Output:

```
9998776665544332
```

Explanation

Example case 1. For the array elements [**99,8,76,45,66,9,7,33,5,42**] the maximum number is **9998776665544332** formed by all digits of array

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Time Limit: 1 secs

Source Limit: 50000 Bytes

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