

## 1925 - Reverse and Sort

### Description

Given a set of positive integers, write a program to reverse the digits of each number and then sort them in ascending order. Note that any leading zeros are omitted.

### Input specification

The first number is  $n$  ( $1 \leq n \leq 10^6$ ) which determines the number of positive integers to be processed, followed by  $n$  integers. A line may contain any number of integers. The value of input integer does not exceed  $10^{12}$ .

### Output specification

The output contains  $n$  lines of sorted numbers according to the process described above.

### Sample input

```
10 5 2233
1601 90100 13009 802
50000000
301 7654321
210
```

### Sample output

```
5
5
12
103
109
208
1061
3322
90031
1234567
```