

# Next permutation

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[English version](#)

Given string **n**, your task is to print next permutation of string **n**.

## Input

The first line of the standard input contains one integer **t** ( $t < 101$ ) which is the number of test cases.

In each of the next **t** lines there is one integer **l** ( $l < 20$ ) which is length of string **n**. Line below you will be given string **n**.

## Output

For each string **n**, print the next permutation of string **n** or *ERROR* if there is no such a permutation.

## Example

**Input:**

2

3

acb

3

cba

**Output:**

bac

ERROR