

# Problem G

## Group Reverse

**Input:** Standard Input

**Output:** Standard Output

Group reversing a string means reversing a string by groups. For example consider a string:

**“TOBENUMBERONEWEMEETAGAINANDAGAINUNDERBLUEICPCSKY”**

This string has length 48. We have divided into 8 groups of equal length and so the length of each group is 6. Now we can reverse each of these eight groups to get a new string:

**“UNEBOTNOREBMEEMEWENIAGATAGADNAEDNUNIEULBRYKSCPC”**

Given the string and number of groups in it, your program will have to group reverse it.

### Input

The input file contains at most 101 lines of inputs. Each line contains an integer  $G$  ( $G < 10$ ) which denotes the number of groups followed by a string whose length is a multiple of  $G$ . The length of the string is not greater than 100. The string contains only alpha numerals. Input is terminated by a line containing a single zero.

### Output

For each line of input produce one line of output which contains the group reversed string.

#### Sample Input

#### Output for Sample Input

<b>3 ABCEHSHSH</b>	<b>CBASHEHSH</b>
<b>5</b>	<b>ATE0AFGHANISTAN0IRAQ0NOW0IRAN</b>
<b>FA0ETASINAHGRI0NATWON0QA0NARI</b>	<b>0</b>
<b>0</b>	
<b>0</b>	

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