**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:

**“UNEBOTNOREBMEEMEWENIAGATAGADNAEDNUNIIEULBRYKSCPC”**

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 at 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**

|  |  |
| --- | --- |
| **3 ABCEHSHSH**  **5 FA0ETASINAHGRI0NATWON0QA0NARI0**  **0** | **CBASHEHSH**  **ATE0AFGHANISTAN0IRAQ0NOW0IRAN0** |

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