

1177 - Group Reverse

Description

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 specification

The input file contains at most 101 lines of inputs. Each line contains one positive 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 **G = 0**.

Output specification

For each line of input you must print one line of output which contains the group reversed string.

Sample input

```
3 ABCEHSHSH
5 FA0ETASINAHGRI0NATWON0QA0NARI0
0
```

Sample output

```
CBASHEHSH
ATE0AFGHANISTAN0IRAQ0NOW0IRAN0
```

Hint(s)

Source

Universidad de Valladolid Online
Judge

Added by

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Addition date

2011-10-12 20:21:39.0