



Problem: Sequence Number

Time Limit 1 second

AST

Competitive Programming Contest 2014 E.C.

Problem

For a given text **t** replace all sequences of the given character **n** by the number of characters in that sequence irrespective of its letter case.

Input

The input will contain multiple lines of test cases. Each test case will contain two lines of input.

The first line will contain the character **n** .

The second line will contain the text **t** .

The text will only contain ASCII characters.

Output

Output a single line of text **t** with the replacement of **n** .

Sample Input 1	Sample Output 1
l Hello world.	He2o wor1d.