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The Virtual Learning Environment for Computer Programming

## A badly placed word <br> P78721_en

Write a program that, given an almost sorted sequence of words with exactly one word that appears too soon, prints the sequence totally sorted.

## Input

Input consists of two or more words made up only of lowercase letters. All the words are different. The sequence is alphabetically sorted except for a word that appears too soon. The end of input is marked with the special word "END".

## Output

Print the sequence totally sorted.

## Observation

In this problem, you should not use vectors, lists, or alike.

## Sample input 1

a
b
e
c
d
f
g
END

## Sample input 2

## hola

bye
END

## Sample input 3

f
aaaaaa
b.b.b.b
cccc
ddd
ee
END

Sample output 2
bye
hola

## Sample output 3

aaaaaa
b.b.b.b.b
cccc
ddd
ee
f

## Problem information

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