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The Virtual Learning Environment for Computer Programming

# A badly placed word

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	Sample output 1		
a	a		
b	b		
е	C		
C	d		
d	е		
f	f		
g	g		
END			

Sample input 2	Sample output 2
hola	bye
bye	bye hola
END	

# Sample input 3

f		
aaaaaa		
bbbbb		
cccc		
ddd		
ee		
END		

# **Problem information**

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### Sample output 3

aaaaaa bbbbb cccc ddd ee f