Vipul Kumar ⏻

Coding Area

05 Hr **57** Min **38** Sec

A	B	**C**	D	E	F

ONLINE EDITOR (C)

Self Referential Sentence

✚ Problem Description

Self referential sentences are fun to play with. Consider the following:

1. This sentence contains three a's and two r's.

2. This sentence contains three a's and three r's.

3. This sentence contains one b, one m and one r.

Each of the above sentences refers to itself and is true: e.g. the letter "a" in the first sentence does occur three times (once each in "contains", "a's" and "and") while "r" occurs two times (once each in "three" and "r's").

Here's the problem: Accept one or more alphabets (separated by single space) and form valid self referential sentences in the above style.

Our Test Cases do not contain the instances where It become Impossible to form Self Referential Sentences. It is guaranteed that one Self Referential sentence will be possible for the given Inputs.

✚ Constraints

1<= non-repeated letters <= 5

✚ Input Format

Space separated non-repeated lowercase alphabets.

➕ Output

Starting with "This sentence contains..." followed by the spelled letters in the same order as the input.

Multiple occurrences of a letter should be tagged with 's while a single occurrence should not.

Use of conjunction "and" is permitted exactly once in the sentence. It's position should be before last spelled letter

Use of "," should be made when there are more than two spelled letter.

If multiple such sentences are possible, identify all of them, sort them lexicographically and separated by "OR" with entire output terminated by a period.

➕

➕ Explanation

Example 1
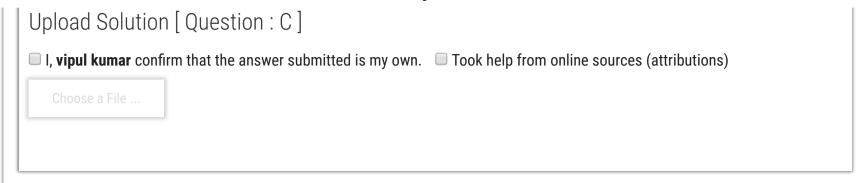
Input

a

Output

This sentence contains two a's.

Example 2

Input

a r

Output

This sentence contains three a's and three r's OR This sentence contains three a's and two r's.

Upload Solution [Question : C]

☐ I, **vipul kumar** confirm that the answer submitted is my own.   ☐ Took help from online sources (attributions)

Choose a File ...

CodeVita FAQ's

CodeVita Blog

Privacy Policy

Careers

CONNECT WITH US   f   in   ⧉   ✗   ▶

© 2018 Tata Consultancy Services Limited. All Rights Reserved.