



Challenge: kEyB0arddd

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Difficulty: Medium

Submission Constraints:

- Time limit per test: **0,025 seconds**
- Memory limit per test: **Default (65 MB)**

Description

In the digital realm, Arthur Morgan found a strange device—a futuristic PC that could shape words with just a few clicks. It was like a magic tool in the Wild West of the internet.

But there were rules to follow. Arthur learned about:

- **Ctrl + C**: copy **all the text before** it.
- **Ctrl + X**: cut **all the text before** it (copy and remove all text before it).
- **Ctrl + V**: paste **all the text** already copied or cutted.

Arthur noticed that if he copied something new (Ctrl + C) without pasting it (Ctrl + V) first, he'd lose what he copied before, especially if he decided to use the copy again. It was like trying to gather gold but dropping it each time he found more, he also was forced to use the (Ctrl + X) to cut the text before as used it to shift content from one place to another, which he found as a great discovery.

Despite the challenges, Arthur got the hang of it. He carefully copied (Ctrl + C), cutted (Ctrl + X), and pasted (Ctrl + V) the texts, making stories and discoveries along the way.



When he was done, he left his mark on the digital frontier, sharing his adventures with others. And with one last click, he said goodbye to the cyber world, leaving his stories for others to find.

Inputs

- You will be given one line containing a single string with a mix of words and occurrences of "Ctrl + C", "Ctrl + X", and "Ctrl + V".

Outputs

- The final result is the input string after those keyboard shortcuts have been applied!

Constraints

- Keyboard shortcut commands will appear like normal words in a sentence but shouldn't be copied themselves.
- Pasting should add a space between words.

Examples

Input	Output
GDG Ctrl + C Ctrl + V a a b Ctrl + X GCPC Algiers Ctrl + V Ctrl + C a a a b Ctrl + V	GCPC Algiers GDG GDG a a b a a a b GCPC Algiers GDG GDG a a b
Okba Ctrl + C Okba Ctrl + C Ctrl + V Ctrl + X Allaoua Ctrl + V	Allaoua Okba Okba Okba Okba
a b c d e f g Ctrl + C Ctrl + V Ctrl + X Hello World Ctrl + V Y	Hello World a b c d e f g a b c d e f g Y