# Problem 2 – O, My Girl!

Painter was acquainted to a girl programmer. He invited her on a date and she agreed. But the girl wanted the painter to take her from home. She gave him a sheet of paper with her address. When he looked at it he saw a lot of random characters without meaning and without order. After the main text there was a short string - key. **The address** was split into **pieces of two to six symbols**. All parts were in the text **between two keys**.

**Example:**   
a-.885O,a745#"F5Sofa7#"FFF5a1#"D5ia, a000#"FFF5a88887#"F532 a123457#"F5a7 #"FGDGSDG5G.S.a#"5 ma-5.55gghja-.885y8hgja#"F5Rakoa#"F5a5#"F5vsa9#"F5ghhjkuu867885a7#"FYIYUHUI5ki a7#"FUIO5 a9997#"F5Stra#"5gia-5.558dft.8.8.a60-6.05hu-h-0yuua-.885rla-5.55yuti-..uioa-.885!a-5.55

**The key: a7#"F5**

The **key is not permanent**. This is a **string** that meets the **following criteria**:

* The **first and the last** symbols **do not change**
* All **other characters** that **are** **not** digits or letters **do not change**
* All **other characters** that **are digits** can be any digits (0-9) with count >= 0 (for example '' or '038' or '3')
* All **other characters** that **are letters** can be any letters with count >=0 (for example '' or 'b' or 'kjb')
* The key is **case sensitive**

**Input**

The input will be read from an **HTTP GET** **request**. The **text** will be received from a **text** **input field with name 'text'**. The **key value** will be received from a **text** **input field with name 'key'**.

**Output**

The **resulting paragraph** should be printed as **output** as shown in the **example below**.

**Constraints**

* The **text** may be a string with a length of [20…1000]
* The **key** may be a string with a length of [2...10]

**Examples**

|  |  |  |
| --- | --- | --- |
| **Input** | | **Output** |
| text | a-.885O,a745#"F5Sofa7#"FFF5a 1#"D5ia, a000#"FFF5a88887#"F532 a123457#"F5a7 #"FGDGSDG 5G.S.a#"5 ma-5.55gghja-.885y8 hgja#"F5Rakoa#"F5a5#"F5vsa9#"F5ghhjkuu867885a7#"FYIYUHUI5ki a7#"FUIO5 a9997#"F5Stra#"5gia-5.558dft.8.8.a60-6.05hu-h-0yuua-.885rla-5.55yuti-..uioa-.885!a-5.55 | Sofia, 32 Rakovski Str |
| key | a7#"F5 |