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                                                                Storedata=eyJ1cmwiOiAiaHR0cHM6Ly9sZWV0Y29kZS5jb20vam9icy8_cmVmPX

5706. Sentence Similarity III

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A sentence is a list of words that are separated by a single space with no leading or trailing spaces. For example, `"Hello World"`, `"HELLO"`, `"hello world hello world"` are all sentences. Words consist of **only** uppercase and lowercase English letters.

Two sentences `sentence1` and `sentence2` are **similar** if it is possible to insert an arbitrary sentence **(possibly empty)** inside one of these sentences such that the two sentences become equal. For example, `sentence1 = "Hello my name is Jane"` and `sentence2 = "Hello Jane"` can be made equal by inserting `"my name is"` between `"Hello"` and `"Jane"` in `sentence2`.

Given two sentences `sentence1` and `sentence2`, return `true` *if* `sentence1` *and* `sentence2` *are similar.* Otherwise, return `false`.

User Accepted:	33
User Tried:	68
Total Accepted:	33
Total Submissions:	80
Difficulty:	Medium

Example 1:

```
Input: sentence1 = "My name is Haley", sentence2 = "My Haley"
Output: true
Explanation: sentence2 can be turned to sentence1 by inserting "name is" between "My" and "Haley".
```

Example 2:

```
Input: sentence1 = "of", sentence2 = "A lot of words"
Output: false
Explanation: No single sentence can be inserted inside one of the sentences to make it equal to the other.
```

Example 3:

```
Input: sentence1 = "Eating right now", sentence2 = "Eating"
Output: true
Explanation: sentence2 can be turned to sentence1 by inserting "right now" at the end of the sentence.
```

Example 4:

```
Input: sentence1 = "Luky", sentence2 = "Lucccky"
Output: false
```

Constraints:

- `1 <= sentence1.length, sentence2.length <= 100`
- `sentence1` and `sentence2` consist of lowercase and uppercase English letters and spaces.
- The words in `sentence1` and `sentence2` are separated by a single space.

JavaScript   ▼   ⟨⟩   ↻   ⚙

```javascript
 1  const areSentencesSimilar = (s1, s2) => {
 2      let a1 = s1.split(" ");
 3      let a2 = s2.split(" ");
 4      return a1.length <= a2.length ? ok(a1, a2) : ok(a2, a1);
 5  };
 6
 7  const ok = (short, long) => {
 8      let re = [];
 9      while (1) {
10          if (short[0] == long[0]) {
11              short.shift();
12              long.shift();
13          }
14          if (short[short.length - 1] == long[long.length - 1]) {
15              short.pop();
16              long.pop();
17          }
18          if (re[0] == short.length) break;
```

```
19        re.unshift(short.length);
20      }
21      return short.length == 0;
22  };
```

☐ **Custom Testcase**   [Use Example Testcases]

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Submission Result: Accepted (/submissions/detail/475944954/) ❓   [More Details ❯ (/submissions/detail/475944954/)]

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◀ **1**