

## 5416. Check If a Word Occurs As a Prefix of Any Word in a Sentence

contest/weekly-contest-190/problems/check-if-a-word-occurs-as-a-prefix-of-any-word-in-a-sentence/submissions/

contest/weekly-contest-190/

Given a `sentence` that consists of some words separated by a **single space**, and a `searchWord`.

You have to check if `searchWord` is a prefix of any word in `sentence`.

Return *the index of the word* in `sentence` where `searchWord` is a prefix of this word (**1-indexed**).

If `searchWord` is a prefix of more than one word, return the index of the first word (**minimum index**). If there is no such word return **-1**.

A **prefix** of a string `S` is any leading contiguous substring of `S`.

User Accepted:	871
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User Tried:	1000
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Total Accepted:	872
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Total Submissions:	1070
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Difficulty:	Easy
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### Example 1:

**Input:** `sentence = "i love eating burger"`, `searchWord = "burg"`

**Output:** 4

**Explanation:** "burg" is prefix of "burger" which is the 4th word in the sentence.

### Example 2:

**Input:** `sentence = "this problem is an easy problem"`, `searchWord = "pro"`

**Output:** 2

**Explanation:** "pro" is prefix of "problem" which is the 2nd and the 6th word in the sentence.

### Example 3:

**Input:** `sentence = "i am tired"`, `searchWord = "you"`

**Output:** -1

**Explanation:** "you" is not a prefix of any word in the sentence.

### Example 4:

**Input:** `sentence = "i use triple pillow"`, `searchWord = "pill"`

**Output:** 4

### Example 5:

**Input:** sentence = "hello from the other side", searchWord = "they"

**Output:** -1

### Constraints:

- $1 \leq \text{sentence.length} \leq 100$
- $1 \leq \text{searchWord.length} \leq 10$
- sentence consists of lowercase English letters and spaces.
- searchWord consists of lowercase English letters.

JavaScript



```
1 /**
2  * @param {string} sentence
3  * @param {string} searchWord
4  * @return {number}
5  */
6 const isPrefixOfWord = (sentence, searchWord) => {
7     let sentenceArr = sentence.split(" ");
8     console.log(sentenceArr);
9     for (let i = 0; i < sentenceArr.length; i++) {
10         for (let j = 0; j < sentenceArr[i].length; j++) {
11             if (sentenceArr[i].slice(0, j + 1) == searchWord) {
12                 return i + 1;
13             }
14         }
15     }
16     return -1;
17 };
```

☐ Custom Testcase

Use Example Testcases

Run

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