Explore (/explore/)   Problems (/problemset/all/)   Interview ^New Contest ^(/contest/)   Discuss (/discuss/)   Leetcode is hiring! Apply NOW. (https://leetcode.com/jobs/)   ☆ Premium (/subscribe?ref=nb_npl)   🔔   ♢ 0   (/problems division/)

6051. Count Prefixes of a Given String

| My Submissions (/contest/biweekly-contest-77/problems/count-prefixes-of-a-given-string/submissions/) | Back to Contest (/contest/biweekly-contest-77/) |

You are given a string array `words` and a string `s`, where `words[i]` and `s` comprise only of **lowercase English letters**.

Return the **number of strings** in `words` that are a **prefix** of `s`.

A **prefix** of a string is a substring that occurs at the beginning of the string. A **substring** is a contiguous sequence of characters within a string.

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Easy

Example 1:

```
Input: words = ["a","b","c","ab","bc","abc"], s = "abc"
Output: 3
Explanation:
The strings in words which are a prefix of s = "abc" are:
"a", "ab", and "abc".
Thus the number of strings in words which are a prefix of s is 3.
```

Example 2:

```
Input: words = ["a","a"], s = "aa"
Output: 2
Explanation:
Both of the strings are a prefix of s.
Note that the same string can occur multiple times in words, and it should be counted each time.
```

Constraints:

- `1 <= words.length <= 1000`
- `1 <= words[i].length, s.length <= 10`
- `words[i]` and `s` consist of lowercase English letters **only**.

JavaScript ▼

```javascript
const countPrefixes = (words, s) => {
    let res = 0;
    for (const word of words) {
        if (s.startsWith(word)) res++;
    }
    return res;
};
```

☐ **Custom Testcase**   Use Example Testcases

● Run   ☁ Submit

Submission Result: Accepted (/submissions/detail/690246214/) ❓   More Details ❯ (/submissions/detail/690246214/)

Share your acceptance!

Copyright © 2022 LeetCode

Help Center (/support) | Jobs (/jobs) | Bug Bounty (/bugbounty) | Online Interview (/interview/) | Students (/student) | Terms (/terms) | Privacy Policy (/privacy)

🇺🇸 United States (/region)