

5906. Number of Valid Words in a Sentence

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A sentence consists of lowercase letters ('a' to 'z'), digits ('0' to '9'), hyphens ('-'), punctuation marks ('!', '.', and ','), and spaces (' ') only. Each sentence can be broken down into **one or more tokens** separated by one or more spaces ' ' .

A token is a valid word if:

- It only contains lowercase letters, hyphens, and/or punctuation (**no** digits).
- There is **at most one** hyphen '-' . If present, it should be surrounded by lowercase characters ("a-b" is valid, but "-ab" and "ab-" are not valid).
- There is **at most one** punctuation mark. If present, it should be at the **end** of the token.

Examples of valid words include "a-b." , "afad" , "ba-c" , "a!" , and "!" .

Given a string sentence , return the **number** of valid words in sentence .

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

Example 1:

Input: sentence = "cat and dog"

Output: 3

Explanation: The valid words in the sentence are "cat", "and", and "dog".

Example 2:

Input: sentence = "!this 1-s b8d!"

Output: 0

Explanation: There are no valid words in the sentence.
"!this" is invalid because it starts with a punctuation mark.
"1-s" and "b8d" are invalid because they contain digits.

Example 3:

Input: sentence = "alice and bob are playing stone-game10"

Output: 5

Explanation: The valid words in the sentence are "alice", "and", "bob", "are", and "playing".
"stone-game10" is invalid because it contains digits.

Example 4:

Input: sentence = "he bought 2 pencils, 3 erasers, and 1 pencil-sharpener."

Output: 6

Explanation: The valid words in the sentence are "he", "bought", "pencils,", "erasers,", "and", and "pencil-sharpener."

Constraints:

- 1 <= sentence.length <= 1000
- sentence only contains lowercase English letters, digits, ' ', '-', '!', '.', and ',' .
- There will be at least 1 token.

JavaScript

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```
1 /**
2  * @param {string} sentence
3  * @return {number}
```

```
4  */
5  var countValidWords = function(sentence) {
6
7  };
```

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