# 6315. Count the Number of Vowel Strings in Range

My Submissions (/contest/weekly-contest-336/problems/count-the-number-of-vowel-strings-in-range/submissions/)

Back to Contest (/contest/weekly-contest-336/)

You are given a **0-indexed** array of string `words` and two integers `left` and `right`.

A string is called a **vowel string** if it starts with a vowel character and ends with a vowel character where vowel characters are `'a'`, `'e'`, `'i'`, `'o'`, and `'u'`.

Return *the number of vowel strings* `words[i]` *where* `i` *belongs to the inclusive range* `[left, right]`.

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

**Example 1:**

```
Input: words = ["are","amy","u"], left = 0, right = 2
Output: 2
Explanation:
- "are" is a vowel string because it starts with 'a' and ends with 'e'.
- "amy" is not a vowel string because it does not end with a vowel.
- "u" is a vowel string because it starts with 'u' and ends with 'u'.
The number of vowel strings in the mentioned range is 2.
```

**Example 2:**

```
Input: words = ["hey","aeo","mu","ooo","artro"], left = 1, right = 4
Output: 3
Explanation:
- "aeo" is a vowel string because it starts with 'a' and ends with 'o'.
- "mu" is not a vowel string because it does not start with a vowel.
- "ooo" is a vowel string because it starts with 'o' and ends with 'o'.
- "artro" is a vowel string because it starts with 'a' and ends with 'o'.
The number of vowel strings in the mentioned range is 3.
```

**Constraints:**

- `1 <= words.length <= 1000`
- `1 <= words[i].length <= 10`
- `words[i]` consists of only lowercase English letters.
- `0 <= left <= right < words.length`

JavaScript ▼                                                    ⟨⟩  ⟳  ⚙

```javascript
1   const isVowel = (c) => 'aeiou'.indexOf(c) != -1;
2
3   const vowelStrings = (a, l, r) => {
4       let res = 0;
5       for (let i = l; i <= r; i++) {
6           let s = a[i];
7           if (isVowel(s[0]) && isVowel(s[s.length - 1])) res++;
8       }
9       return res;
10  };
```

☐ **Custom Testcase**      ( Use Example Testcases )

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