1704. Determine if String Halves Are Alike

Description

You are given a string `s` of even length. Split this string into two halves of equal lengths, and let `a` be the first half and `b` be the second half.

Two strings are **alike** if they have the same number of vowels (`'a'` , `'e'` , `'i'` , `'o'` , `'u'` , `'A'` , `'E'` , `'I'` , `'O'` , `'U'`). Notice that `s` contains uppercase and lowercase letters.

Return `true` *if* `a` *and* `b` *are* **alike** . Otherwise, return `false` .

Example 1:

```
Input: s = "book"
Output: true
Explanation: a = "bo" and b = "ok". a has 1 vowel and b has 1 vowel. Therefore, they are alike.
```

Example 2:

```
Input: s = "textbook"
Output: false
Explanation: a = "text" and b = "book". a has 1 vowel whereas b has 2. Therefore, they are not alike.
Notice that the vowel o is counted twice.
```

Constraints:

- `2 <= s.length <= 1000`
- `s.length` is even.
- `s` consists of **uppercase and lowercase** letters.