

3775. Reverse Words With Same Vowel Count

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You are given a string `s` consisting of lowercase English words, each separated by a single space.

Determine how many vowels appear in the **first** word. Then, reverse each following word that has the **same vowel count**. Leave all remaining words unchanged.

Return the resulting string.

Vowels are '`a`', '`e`', '`i`', '`o`', and '`u`'.

Example 1:

Input: `s = "cat and mice"`

Output: `"cat dna mice"`

Explanation:

- The first word `"cat"` has 1 vowel.
- `"and"` has 1 vowel, so it is reversed to form `"dna"`.
- `"mice"` has 2 vowels, so it remains unchanged.
- Thus, the resulting string is `"cat dna mice"`.

Example 2:

Input: `s = "book is nice"`

Output: `"book is ecin"`

Explanation:

- The first word `"book"` has 2 vowels.
- `"is"` has 1 vowel, so it remains unchanged.
- `"nice"` has 2 vowels, so it is reversed to form `"ecin"`.
- Thus, the resulting string is `"book is ecin"`.

Example 3:

Input: `s = "banana healthy"`

Output: `"banana healthy"`

Explanation:

- The first word `"banana"` has 3 vowels.
- `"healthy"` has 2 vowels, so it remains unchanged.
- Thus, the resulting string is `"banana healthy"`.

Constraints:

- `1 <= s.length <= 105`
- `s` consists of lowercase English letters and spaces.
- Words in `s` are separated by a **single** space.
- `s` does **not** contain leading or trailing spaces.

Seen this question in a real interview before? 1/5

Yes No

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Topics

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Hint 1



Discussion (20)

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