**[Count of Substrings Containing Every Vowel and K Consonants II](https://leetcode.com/problems/count-of-substrings-containing-every-vowel-and-k-consonants-ii/)**

Medium

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Hint

You are given a string word and a **non-negative** integer k.

Return the total number of substrings of word that contain every vowel ('a', 'e', 'i', 'o', and 'u') **at least** once and **exactly** k consonants.

**Example 1:**

**Input:** word = "aeioqq", k = 1

**Output:** 0

**Explanation:**

There is no substring with every vowel.

**Example 2:**

**Input:** word = "aeiou", k = 0

**Output:** 1

**Explanation:**

The only substring with every vowel and zero consonants is word[0..4], which is "aeiou".

**Example 3:**

**Input:** word = "ieaouqqieaouqq", k = 1

**Output:** 3

**Explanation:**

The substrings with every vowel and one consonant are:

* word[0..5], which is "ieaouq".
* word[6..11], which is "qieaou".
* word[7..12], which is "ieaouq".

**Constraints:**

* 5 <= word.length <= 2 \* 105
* word consists only of lowercase English letters.
* 0 <= k <= word.length - 5