[1456. Maximum Number of Vowels in a Substring of Given Length](https://leetcode.com/problems/maximum-number-of-vowels-in-a-substring-of-given-length/)

Medium

3K

100

Companies

Given a string s and an integer k, return *the maximum number of vowel letters in any substring of*s*with length*k.

**Vowel letters** in English are 'a', 'e', 'i', 'o', and 'u'.

**Example 1:**

**Input:** s = "abciiidef", k = 3

**Output:** 3

**Explanation:** The substring "iii" contains 3 vowel letters.

**Example 2:**

**Input:** s = "aeiou", k = 2

**Output:** 2

**Explanation:** Any substring of length 2 contains 2 vowels.

**Example 3:**

**Input:** s = "leetcode", k = 3

**Output:** 2

**Explanation:** "lee", "eet" and "ode" contain 2 vowels.

**Constraints:**

* 1 <= s.length <= 105
* s consists of lowercase English letters.
* 1 <= k <= s.length