# 1456. Maximum Number of Vowels in a Substring of Given Length

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'.

## SOLUTION IN PYTHON3

class Solution:

def maxVowels(self, s: str, k: int) -> int:

vowels = set("aeiou")

ans = cnt = sum(c in vowels for c in s[:k])

for i in range(k, len(s)):

cnt += int(s[i] in vowels) - int(s[i - k] in vowels)

ans = max(ans, cnt)

return ans