

Hash Table

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1100. Find K-Length Substrings With No Repeated CharactersSolved

Premium

MediumTopicsCompaniesHint

Given a string `s` and an integer `k`, return the number of substrings in `s` of length `k` with no repeated characters.

Example 1:

Input: `s = "havefunonleetcode"`, `k = 5`  
Output: 6  
Explanation: There are 6 substrings they are: 'havef','avefu','vefun','efuno','etcod','tcode'.

Example 2:

Input: `s = "home"`, `k = 5`  
Output: 0  
Explanation: Notice `k` can be larger than the length of `s`. In this case, it is not possible to find any substring.

Constraints:

- `1 <= s.length <= 10^4`
- `s` consists of lowercase English letters.
- `1 <= k <= 10^4`

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

Accepted 41.2KSubmissions 55.2KAcceptance Rate 74.7%

TopicsCompaniesHint 1Hint 2Hint 3Discussion (3)

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</> Code

Python3Auto

```
1 class Solution:
2     def numKLenSubstrNoRepeats(self, s: str, k: int) -> int:
3
4         count = 0
5         for i in range(0, len(s)-k+1):
6             if len(set(s[i:i+k])) == k:
7                 count += 1
8
9         return count
10
```

SavedLn 10, Col 9

TestcaseTest Result

AcceptedRuntime: 51 ms

Case 1Case 2

Input

s =  
"havefunonleetcode"

k =  
5

Output

6