

Problem 1100: Find K-Length Substrings With No Repeated Characters

Problem Information

Difficulty: Medium

Acceptance Rate: 76.36%

Paid Only: Yes

Tags: Hash Table, String, Sliding Window

Problem Description

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 <= 104` `s` consists of lowercase English letters. `1 <= k <= 104`

Code Snippets

C++:

```
class Solution {
public:
    int numKLenSubstrNoRepeats(string s, int k) {
```

```
}  
};
```

Java:

```
class Solution {  
    public int numKLenSubstrNoRepeats(String s, int k) {  
  
    }  
}
```

Python3:

```
class Solution:  
    def numKLenSubstrNoRepeats(self, s: str, k: int) -> int:
```