

Description

Solution

Discuss (999+)

Submissions

C++

3. Longest Substring Without Repeating Characters

Medium

25752

1115

Add to List

Share

Given a string `s`, find the length of the **longest substring** without repeating characters.

Example 1:

Input: `s = "abcabcbb"`

Output: 3

Explanation: The answer is "abc", with the length of 3.

Example 2:

Input: `s = "bbbbb"`

Output: 1

Explanation: The answer is "b", with the length of 1.

Example 3:

Input: `s = "pwwkew"`

Output: 3

Explanation: The answer is "wke", with the length of 3.

Notice that the answer must be a substring, "pwke" is a subsequence and not a substring.

Constraints:

- $0 \leq s.length \leq 5 \times 10^4$
- `s` consists of English letters, digits, symbols and spaces.

Accepted 3,485,721

Submissions 10,419,676

Seen this question in a real interview before?

Yes

No

Companies

Related Topics

```
1 class Solution {
2 public:
3     int
lengthOfLongestSubstring(
4         string s) {
5         int
6         res = 0;
7         for (int i = 0; i < s.length(); i++) {
8             int j = i;
9             while (j < s.length() && !visited[s[j] - 'a']) {
10                 j++;
11             }
12             res = max(res, j - i);
13             for (int k = i; k < j; k++) visited[s[k] - 'a'] = true;
14         }
15         return res;
16     }
17 };
18
19
20
21
```

Testcase

Run Code Re

Accepted

Runtime

Your input

"abc"

Output

3

Expected

3

Problems

Pick One

< Prev

3/2322

Next >

Example cases

?

Run Code