Length of the longest substring □

Medium   Accuracy: 56.92%   Submissions: 8734   Points: 4

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

Example 1:

```
Input:
S = "geeksforgeeks"
Output:
7
Explanation:
Longest substring is
"eksforg".
```

Example 2:

```
Input:
S = "abdefgabef"
Output:
6
Explanation:
Longest substring are
"abdefg" , "bdefga" and "defgab".
```

Your Task:
You don't need to take input or print anything. Your task is to complete the function **longestUniqueSubsttr()** which takes a string **S** as and **returns** the length of the longest substring.

Expected Time Complexity: $O(|S|)$.
Expected Auxiliary Space: $O(K)$ where K is constant.

Constraints:
$1 \leq |S| \leq 10^5$
It is guaranteed that all characters of the String S will be lowercase letters from **'a'** to **'z'**

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