AlgoExpert

**Quad Layout** 

Swift

14рх

Sublime

Monokai

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Our Solution(s)

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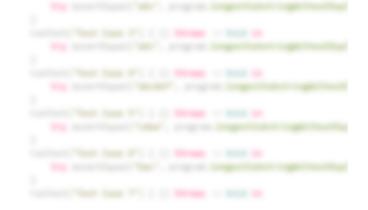
Run Code

Your Solutions

Run Code

```
Solution 1
 1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
 3
   class Program {
       // O(n) time | O(min(n, a)) space
 4
        func longestSubstringWithoutDuplication(_ string: String) -> Stri
            var startingPointer = 0
            var indicesOfLongestSubstring = [0, 1]
            var indicesDictionary = [Character: Int]()
 9
10
            for (index, character) in string.enumerated() {
11
                if let index = indicesDictionary[character] {
12
                    startingPointer = max(startingPointer, index + 1)
13
14
                if indicesOfLongestSubstring[1] - indicesOfLongestSubstri
                    indicesOfLongestSubstring = [startingPointer, index +
16
17
18
19
                indicesDictionary[character] = index
20
21
22
            let start = indicesOfLongestSubstring[0]
23
            let startingIndex = string.index(string.startIndex, offsetBy:
25
            let end = indicesOfLongestSubstring[1]
26
            let endingIndex = string.index(string.startIndex, offsetBy: en
27
28
            return String(string[startingIndex ..< endingIndex])</pre>
29
30 }
31
```

```
class Program {
   func longestSubstringWithoutDuplication(_ string: String) -> Strin
   // Write your code here.
   return ""
   }
}
```



Run or submit code when you're ready.