

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

```
1 # Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 # O(n) time | O(min(n, a)) space
4 def longestSubstringWithoutDuplication(string):
5     lastSeen = {}
6     longest = [0, 1]
7     startIdx = 0
8     for i, char in enumerate(string):
9         if char in lastSeen:
10             startIdx = max(startIdx, lastSeen[char] + 1)
11         if longest[1] - longest[0] < i + 1 - startIdx:
12             longest = [startIdx, i + 1]
13         lastSeen[char] = i
14     return string[longest[0] : longest[1]]
15
```

Solution 1

Solution 2

Solution 3

```
1 def longestSubstringWithoutDuplication(string):
2     # Write your code here.
3     pass
4
```

Our Tests

Custom Output

Submit Code

```
18 # test, code, 2, test
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```

Run or submit code when you're ready.