

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

```
1 # Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 # O(n*m) | O(n) space
4 def underscorifySubstring(string, substring):
5     locations = collapse(getLocations(string, substring))
6     return underscorify(string, locations)
7
8
9 def getLocations(string, substring):
10     locations = []
11     startIdx = 0
12     while startIdx < len(string):
13         nextIdx = string.find(substring, startIdx)
14         if nextIdx != -1:
15             locations.append([nextIdx, nextIdx + len(substring)])
16             startIdx = nextIdx + 1
17         else:
18             break
19     return locations
20
21
22 def collapse(locations):
23     if not len(locations):
24         return locations
25     newLocations = [locations[0]]
26     previous = newLocations[0]
27     for i in range(1, len(locations)):
28         current = locations[i]
29         if current[0] <= previous[1]:
30             previous[1] = current[1]
31         else:
32             newLocations.append(current)
33             previous = current
```

Solution 1

Solution 2

Solution 3

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

Our Tests

Custom Output

Submit Code

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Run or submit code when you're ready.