

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 import java.util.*;
4
5 class Program {
6     // O(n*m) | O(n) space
7     public static String underscorifySubstring(String str, String substring) {
8         List<Integer[]> locations = collapse(getLocations(str, substring));
9         return underscorify(str, locations);
10    }
11
12    public static List<Integer[]> getLocations(String str, String substring) {
13        List<Integer[]> locations = new ArrayList<Integer[]>();
14        int startIdx = 0;
15        while (startIdx < str.length()) {
16            int nextIdx = str.indexOf(substring, startIdx);
17            if (nextIdx != -1) {
18                locations.add(new Integer[] {nextIdx, nextIdx + substring.length()});
19                startIdx = nextIdx + 1;
20            } else {
21                break;
22            }
23        }
24        return locations;
25    }
26
27    public static List<Integer[]> collapse(List<Integer[]> locations) {
28        if (locations.size() == 0) {
29            return locations;
30        }
31        List<Integer[]> newLocations = new ArrayList<Integer[]>();
32        newLocations.add(locations.get(0));
33        Integer[] previous = newLocations.get(0);
```

Solution 1

Solution 2

Solution 3

```
1 class Program {
2     public static String underscorifySubstring(String str, String substring) {
3         // Write your code here.
4         return null;
5     }
6 }
7
```

Our Tests

Custom Output

Submit Code

```
1 class Program {
2     public static String underscorifySubstring(String str, String substring) {
3         // Write your code here.
4         return null;
5     }
6 }
```

```
19 //Print
20 public void testMethod() {
21     String expected = "Test: When is a Test, the end of it is never?";
22     String output = Program.out.println("Test: When is a Test");
23     assertEquals(expected, output);
24 }
25
26 //Print
27 public void testMethod() {
28     String expected = "Test: When is a Test, the end of it is never?";
29     String output = Program.out.println("Test: When is a Test");
30     assertEquals(expected, output);
31 }
32 }
```

Run or submit code when you're ready.