AlgoExpert

Solution 1

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Quad Layout

JavaScript

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Run Code

Our Solution(s)

Run Code

```
Your Solutions
```

14рх

```
Solution 1 Solution 2 Solution 3
```

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
   // O(n*m) | O(n) space
 4 \quad function \ underscorify Substring (string, \ substring) \ \{
     const locations = collapse(getLocations(string, substring));
     return underscorify(string, locations);
 7
9 function getLocations(string, substring) {
     const locations = [];
10
11
      let startIdx = 0;
12
     while (startIdx < string.length) {</pre>
13
       const nextIdx = string.indexOf(substring, startIdx);
       if (nextIdx !== -1) {
14
         locations.push([nextIdx, nextIdx + substring.length]);
16
         startIdx = nextIdx + 1;
17
       } else {
18
         break;
19
20
21
     return locations;
22 }
23
24 function collapse(locations) {
25
      if (!locations.length) return locations;
26
      const newLocations = [locations[0]];
27
      let previous = newLocations[0];
      for (let i = 1; i < locations.length; i++) {</pre>
28
29
       const current = locations[i];
30
       if (current[0] <= previous[1]) {</pre>
31
         previous[1] = current[1];
32
        } else {
```

newLocations.push(current);

```
function underscorifySubstring(string, substring) {
   // Write your code here.
}

// Do not edit the line below.
exports.underscorifySubstring = underscorifySubstring;
```

 Our Tests
 Custom Output
 Submit Code

Run or submit code when you're ready.

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