AlgoExpert

Solution 1

Quad Layout

JavaScript

14px

Sublime

Monokai

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Run Code

Our Solution(s)

```
Run Code
```

Your Solutions

Solution 1 Solution 2 Solution 3

```
1 // This is an input class. Do not edit.
 2 class LinkedList {
     constructor(value) {
       this.value = value;
       this.next = null;
7 }
9 function findLoop(head) {
10
   // Write your code here.
11 }
12
13 // Do not edit the line below.
14 exports.LinkedList = LinkedList;
15 exports.findLoop = findLoop;
```

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
3 class LinkedList {
     constructor(value) {
       this.value = value;
       this.next = null;
8 }
9
10 // O(n) time | O(1) space
11 function findLoop(head) {
12
     let first = head.next;
13
     let second = head.next.next;
14
     while (first !== second) {
15
       first = first.next;
16
      second = second.next.next;
17
     first = head;
18
19
     while (first !== second) {
20
       first = first.next;
21
       second = second.next;
22
23
     return first;
24 }
25
26 exports.LinkedList = LinkedList;
27 exports.findLoop = findLoop;
```

Our Tests Custom Output Submit Code

Run or submit code when you're ready.

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