AlgoExpert Quad Layout JavaScript 12px Sublime Monokai 00:00:00

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Solution 1

```
{\tt 1} // Copyright {\tt 0} 2020 AlgoExpert, LLC. All rights reserved.
 3 class LinkedList {
 4 constructor(value) {
       this.value = value;
       this.next = null;
8 }
10 // O(n) time | O(1) space
11 function findLoop(head) {
     let first = head.next;
13
     let second = head.next.next;
     while (first !== second) {
14
       first = first.next;
15
       second = second.next.next;
16
17
18
     first = head;
     while (first !== second) {
19
20
       first = first.next;
21
       second = second.next;
22
23
     return first;
24 }
25
26 exports.LinkedList = LinkedList;
27 exports.findLoop = findLoop;
```