Prompt   Scratchpad   Our Solution(s)   Video Explanation   Run Code

Solution 1

```javascript
// Copyright © 2020 AlgoExpert, LLC. All rights reserved.

class LinkedList {
  constructor(value) {
    this.value = value;
    this.next = null;
  }
}

// O(n) time | O(1) space
function findLoop(head) {
  let first = head.next;
  let second = head.next.next;
  while (first !== second) {
    first = first.next;
    second = second.next.next;
  }
  first = head;
  while (first !== second) {
    first = first.next;
    second = second.next;
  }
  return first;
}

exports.LinkedList = LinkedList;
exports.findLoop = findLoop;
```