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

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Solution 1

```
1 \, # Copyright @ 2020 AlgoExpert, LLC. All rights reserved.
 3 class LinkedList:
       def __init__(self, value):
          self.value = value
self.next = None
9 # O(n) time | O(1) space
10 def findLoop(head):
11
       first = head.next
12
       second = head.next.next
13
       while first != second:
        first = first.next
14
15
           second = second.next.next
16
       first = head
17
       while first != second:
18
        first = first.next
19
           second = second.next
       return first
20
```