

Check If Linked List Has A Cycle

```
1 class Solution(object):
2     def checkCycle(self, head):
3         """
4         input: ListNode head
5         return: boolean
6         """
7         if not head:
8             return False
9         slow = head
10        fast = head.next
11        while slow != fast:
12            if not fast or not fast.next:
13                return False
14            slow = slow.next
15            fast = fast.next.next
16        return True
```