

Middle Node Of Linked List

```
1 class Solution(object):
2     def middleNode(self, head):
3         """
4         input: ListNode head
5         return: ListNode
6         """
7         # write your solution here
8         if not head:
9             return head
10        slow = head
11        fast = head.next
12        while fast and fast.next:
13            slow = slow.next
14            fast = fast.next.next
15        return slow
```