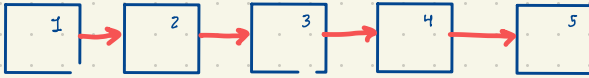


```

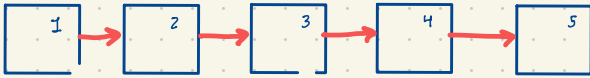
7 class Solution(object):
8     def middleNode(self, head):
9         """
10         :type head: ListNode
11         :rtype: ListNode
12         """
13
14         slow = head
15         fast = head
16         while (fast != None and fast.next != None):
17             slow = slow.next
18             fast = fast.next.next
19
20         return slow
21

```

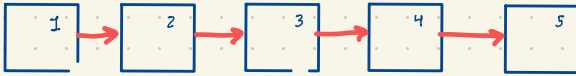
head



slow
fast



slow
fast



slow
fast

Iteration ends here, middle of linked list is 3.

(fast pointer moves twice as fast as slow.)