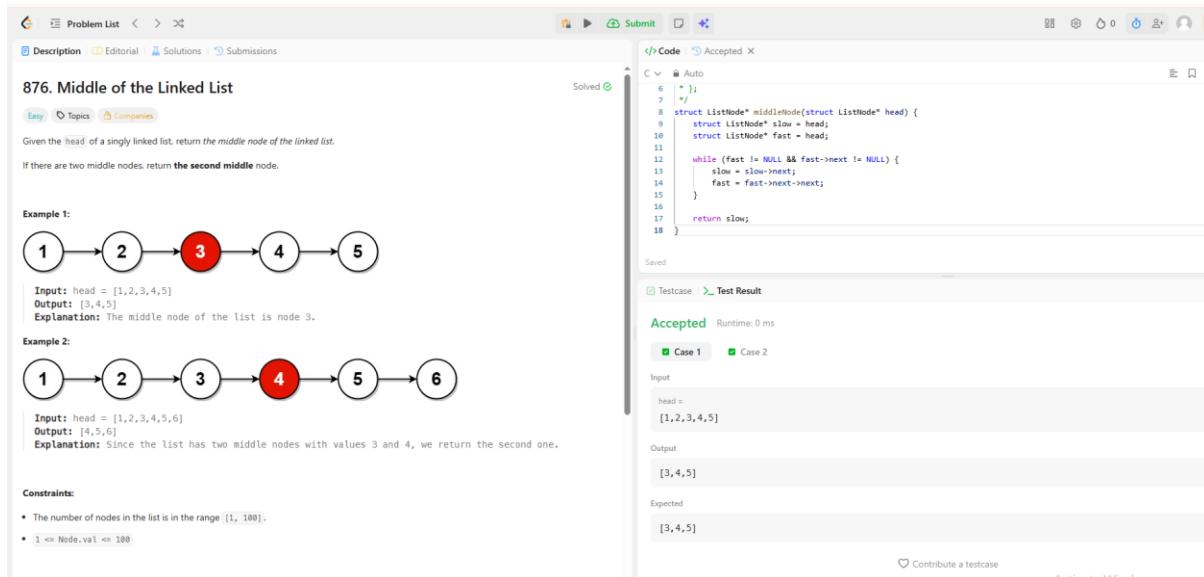


Middle Of The Linked List

```
struct ListNode* middleNode(struct ListNode* head) {  
    struct ListNode* slow = head;  
    struct ListNode* fast = head;  
  
    while (fast != NULL && fast->next != NULL) {  
        slow = slow->next;  
        fast = fast->next->next;  
    }  
  
    return slow;  
}
```

Output



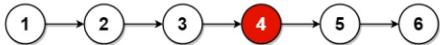
876. Middle of the Linked List

Example 1:



Input: head = [1,2,3,4,5]
Output: [3,4,5]
Explanation: The middle node of the list is node 3.

Example 2:



Input: head = [1,2,3,4,5,6]
Output: [4,5,6]
Explanation: Since the list has two middle nodes with values 3 and 4, we return the second one.

Constraints:

- The number of nodes in the list is in the range [1, 100].
- $1 \leq \text{Node.val} \leq 100$