

## LAB PROGRAM 4B-MIDDLE OF THE LL

```
/**
 * Definition for singly-linked list.
 * struct ListNode {
 *     int val;
 *     struct ListNode *next;
 * };
 */
struct ListNode* middleNode(struct ListNode* head) {
    int count=1;
    struct ListNode* temp=head;
    struct ListNode* middle=head;
    while(temp->next!=NULL)
    {
        temp=temp->next;
        count++;
    }
    int pos;
    if(count%2==0)
    {
        pos=(count/2)+1;
    }
    else
    {
        pos=(count+1)/2;
    }
    for(int i=1;i<=pos-1;i++)
    {
        middle=middle->next;
    }
    return middle;
}
```

}

leetcode.com/problems/middle-of-the-linked-list/

Problem List < > >>

Description Accepted x Editorial Solutions

All Submissions

Accepted 36 / 36 testcases passed  
submitted at Nov 24, 2025 03:34

**BLACK FRIDAY SALE**  
LIMITED TIME OFFER - \$40 ...  
LeetCode's Thanksgiving Sale IS NO...

Runtime  
0 ms Beats 100.00%  
Analyze Complexity

Memory  
8.76 MB Beats 11.90%

150%  
100%  
50%  
0%  
1ms 2ms 3ms

Code

Testcase Test Result

Accepted Runtime: 0 ms

Case 1 Case 2

Input  
head =  
[1,2,3,4,5]

Output  
[3,4,5]

Expected  
[3,4,5]

Contribute a testcase

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50%  
0%  
1ms 2ms 3ms

Code

Testcase Test Result

Accepted Runtime: 0 ms

Case 1 Case 2

Input  
head =  
[1,2,3,4,5,6]

Output  
[4,5,6]

Expected  
[4,5,6]

Contribute a testcase

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