

LEETCODE PROBLEM 203

Given the head of a linked list and an integer `val`, remove all the nodes of the linked list that has `Node.val == val`, and return *the new head*.

```
struct ListNode* removeElements(struct ListNode* head, int val) {
    struct ListNode *follow=NULL, *temp;
    temp=head;
    while(temp!=NULL) {
        if(head->val==val) {
            head=head->next;
            temp=temp->next;
        }
        else if(temp->val==val) {
            follow->next=temp->next;
            temp=temp->next;
        }
        else{
            follow=temp;
            temp=temp->next;
        }
    }

    return head;
}
```

Accepted Runtime: 0 ms

✔ Case 1

✔ Case 2

✔ Case 3

Input

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

val =
6

Output

[1,2,3,4,5]

Expected

[1,2,3,4,5]

Accepted Runtime: 0 ms

✓ Case 1 ✓ Case 2 ✓ Case 3

Input

head =
[]

val =
1

Output

[]

Expected

[]

Accepted Runtime: 0 ms

✓ Case 1 ✓ Case 2 ✓ Case 3

Input

head =
[7,7,7,7]

val =
7

Output

[]

Expected

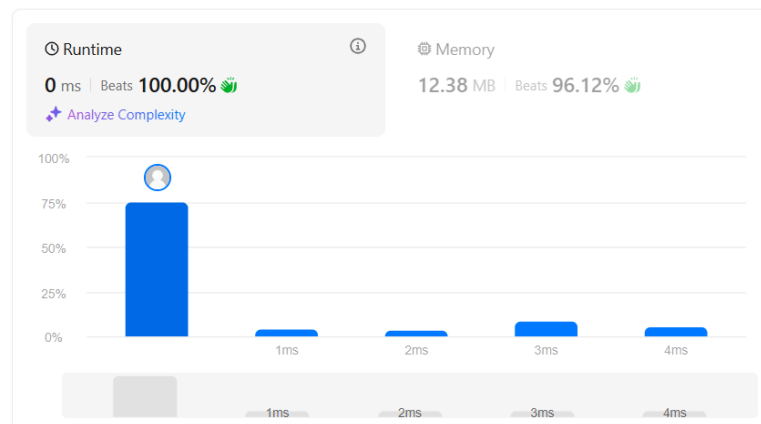
[]

Accepted 66 / 66 testcases passed

Nayana-N submitted at Nov 30, 2025 22:05

Editorial

Solution



Code | C

```
1 /**  
2 : Definition for singly-linked list.
```