

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

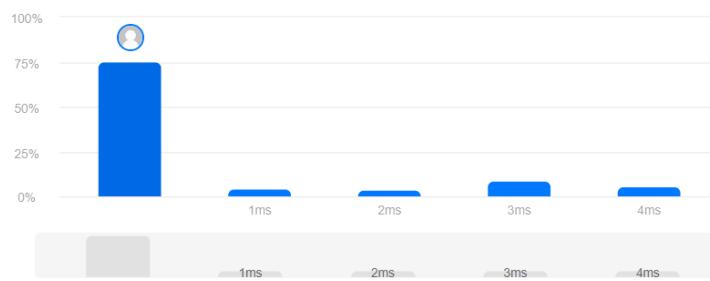
 Runtime

0 ms | Beats 100.00% 

 Analyze Complexity

 Memory

12.38 MB | Beats 96.12% 



Code | C

```
1  /**  
2  * Definition for singly linked list.  
3  */
```