LEET CODE 203:

Problem List

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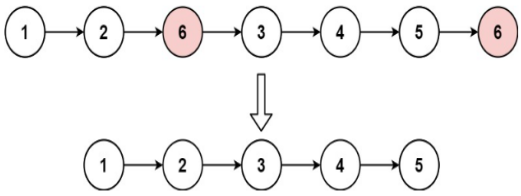
Description | Editorial | Solutions | Submissions

203. Remove Linked List Elements

Easy | Topics | Companies

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*.

Example 1:




```
Input: head = [1,2,6,3,4,5,6], val = 6
Output: [1,2,3,4,5]
```

Example 2:

```
Input: head = [], val = 1
Output: []
```

Example 3:

```
Input: head = [7,7,7,7], val = 7
Output: []
```

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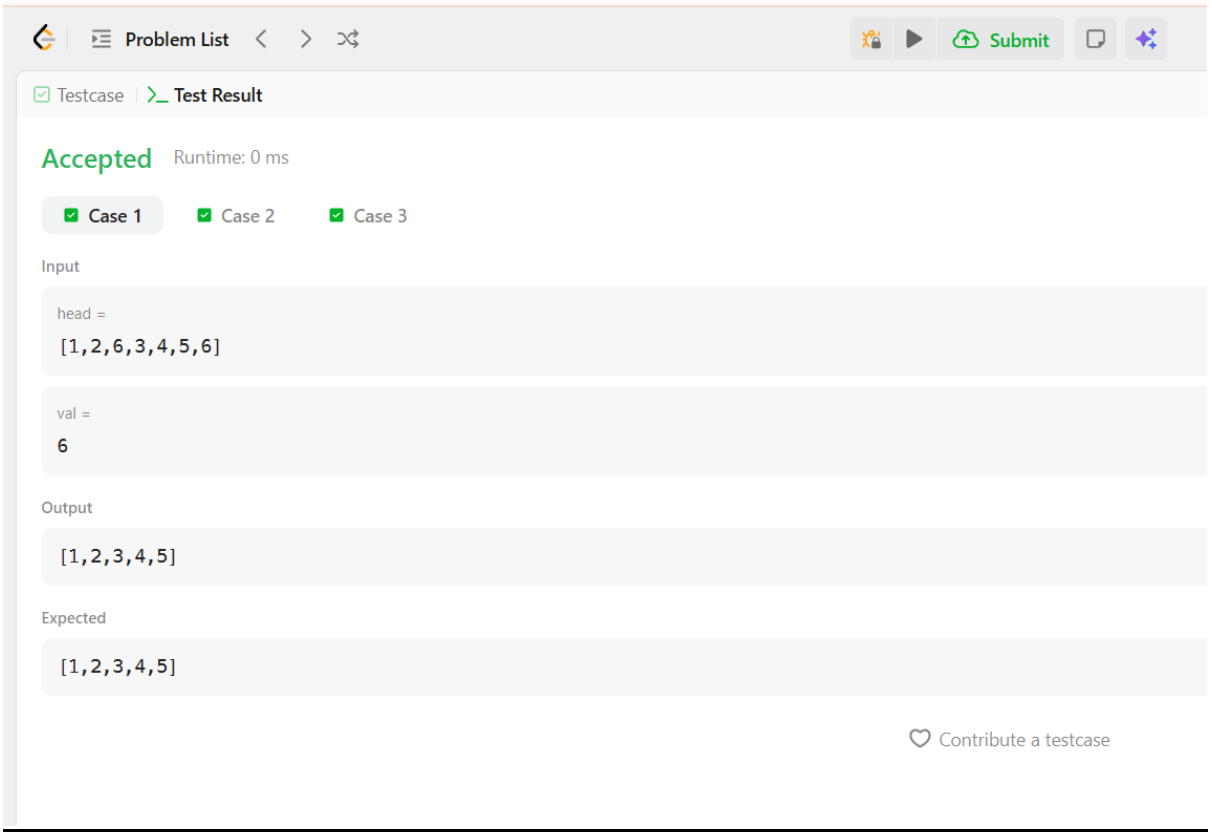
Problem List

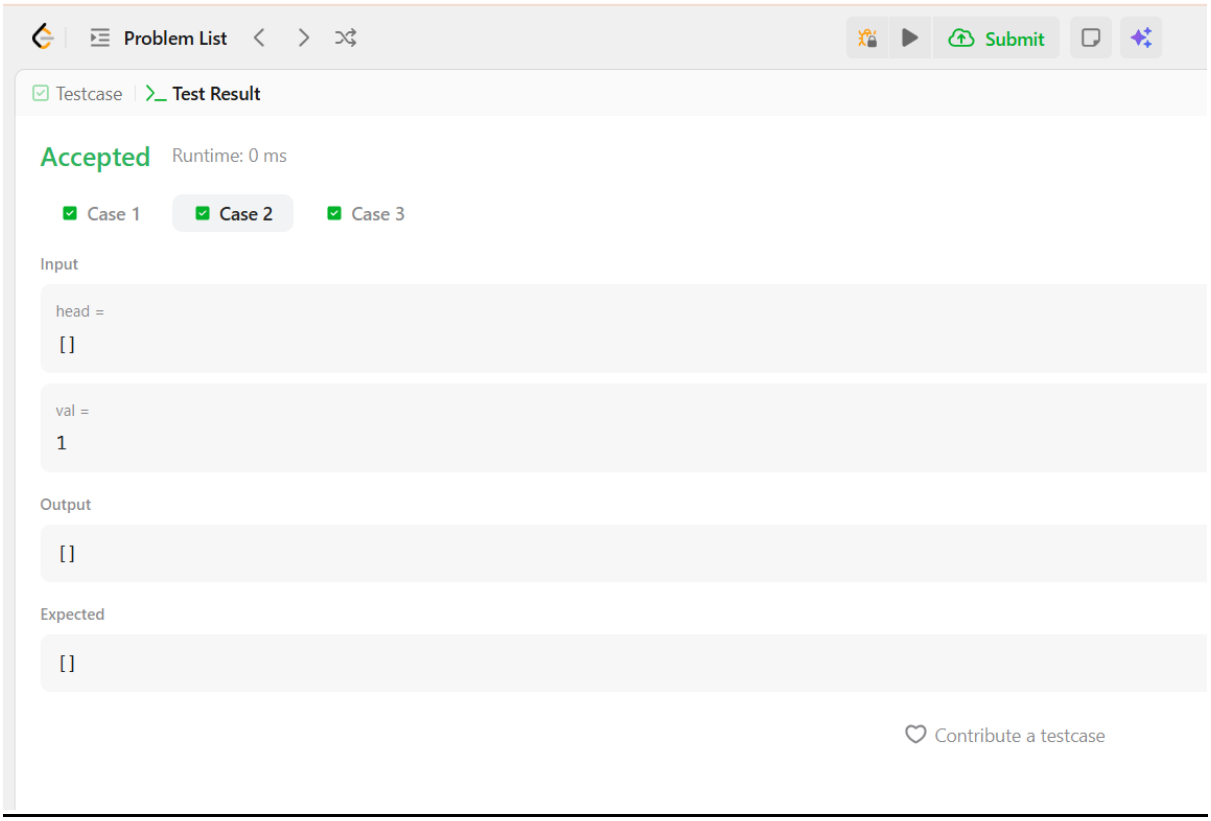
</> Code

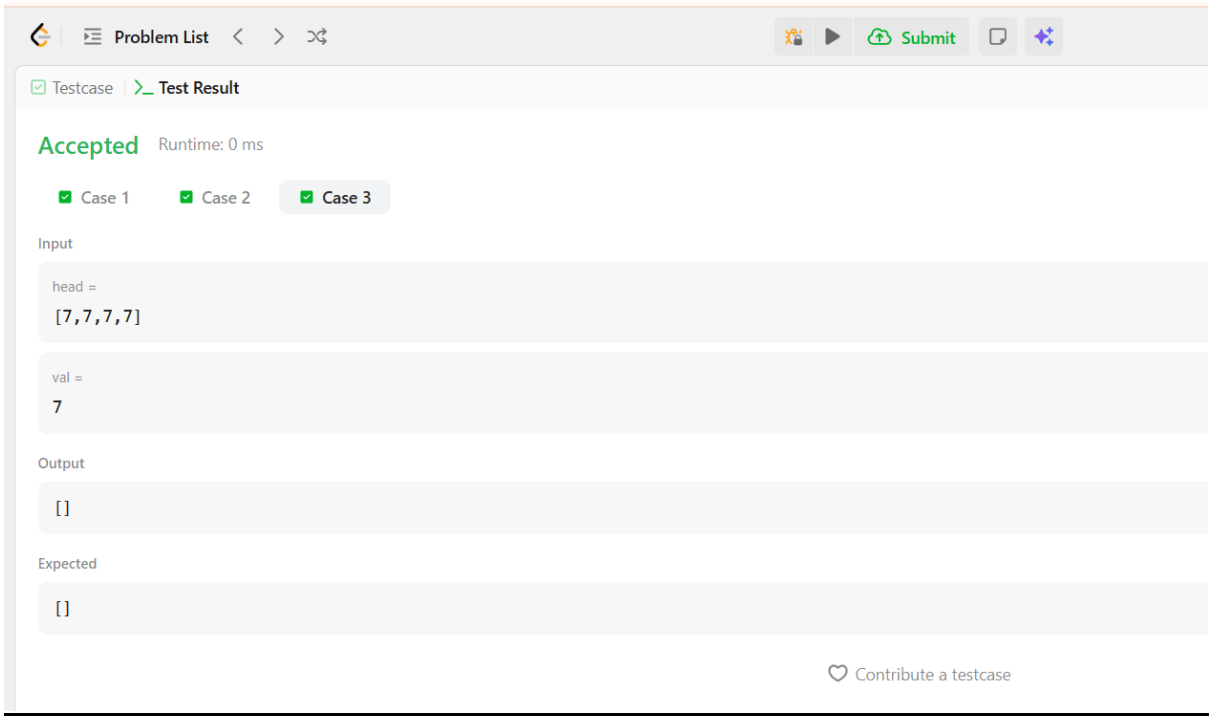
C | Auto

```c
struct ListNode* removeElements(struct ListNode* head, int val) {
    struct ListNode temp;
    temp.next = head;
    struct ListNode* curr = &temp;

    while (curr->next) {
        if (curr->next->val == val) {
            curr->next = curr->next->next;
        } else {
            curr = curr->next;
        }
    }
    return temp.next;
}
```


Problem List
Submit
Testcase
Test Result
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]
Contribute a testcase


Problem List
Submit
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Case 3
Input
head =
[]
val =
1
Output
[]
Expected
[]
Contribute a testcase


Problem List
Submit
Testcase
Test Result
Accepted
Runtime: 0 ms
Case 1
Case 2
Case 3
Input
head =
[7,7,7,7]
val =
7
Output
[]
Expected
[]
Contribute a testcase