

2. Remove linked list elements
 (Leetcode 2)

Code:

```

class Solution {
public:
    ListNode* removeElements(ListNode* head, int val) {
        ListNode* dummy = new ListNode(0);
        dummy->next = head;
        ListNode* curr = dummy;
        while (curr->next != nullptr) {
            if (curr->next->val == val) {
                curr->next = curr->next->next;
            } else {
                curr = curr->next;
            }
        }
        return dummy->next;
    }
}

```

Output:

Case 1

Input:

head = [2, 1]

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

val =

6

Output:

[1, 2, 3, 4, 5]

Expected:

[1, 2, 3, 4, 5]

case 2

Input:

head =

[]

value = 0

1

Output

[]

Expected

[]

case 3

Input:

head =

[7, 7, 7, 7]

val =

7

Output:

[]

Expected:

[]

NY

{ (root == value) } { }

{ return root }