4b. Leetcode 203

Remove Linked List Elements:

```c
struct ListNode* removeElements(struct ListNode* head, int val) {
  // Create a dummy node
  struct ListNode dummy;
  dummy.next = head;

  struct ListNode *current = &dummy;

  while (current->next != NULL) {
    if (current->next->val == val) {
      struct ListNode *temp = current->next;
      current->next = current->next->next;
      free(temp);   // free removed node
    } else {
      current = current->next;
    }
  }

  return dummy.next;
}
```

OUTPUT:

**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

[ ]

Input

head =

[7,7,7,7]

val =

7

Output

[ ]

Expected

[ ]