#15 Days of Coding Challenge
#Day 12

Remove nth node from end of list
#Leetcode19

Solution:


```cpp
#include<iostream>
class Solution {
public:
    ListNode* removeNthFromEnd(ListNode* head, int n) {
        ListNode* res = new ListNode(0, head);
        ListNode* dummy = res;
        for (int i = 0; i < n; i++) {
            head = head->next;
        }
        while (head != nullptr) {
            head = head->next;
            dummy = dummy->next;
        }
        dummy->next = dummy->next->next;
        return res->next;
    }
};
```


Time Complexity: O(L)
Space Complexity: O(1)