```cpp
class Solution {
public:
    ListNode* removeNthFromEnd(ListNode* head, int n) {
        ListNode* cur = head;
        ListNode* pre = nullptr;
        int len = 0, i = 0;

        while (cur) {
            // calculating length of Linked list
            cur = cur->next;
            len++;
        }

        if (len == n) {
            // if len == n, then we have to delete head
            ListNode* temp = cur;
            head = head->next;
            delete(temp);
            return head;
        }

        // we loop to reach the position of node that has to be deleted
        for (cur = head; i < (len-n); i++) {
            pre = cur;
            cur = cur->next;
        }

        ListNode* temp = cur;
        pre->next = cur->next;
        delete(temp);

        return head;
    }
};
```