class Solution {

public:

ListNode\* removeNthFromEnd(ListNode\* head, int n) {

ListNode\* slow(head), \*fast(head);

while(n--) fast = fast->next;

if(!fast) return head->next;

while(fast->next) slow = slow->next, fast = fast->next;

slow->next = slow->next->next;

return head;

}

};