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/**
 * Definition for singly-linked list.
 * struct ListNode {
 * int val;
* struct ListNode *next;
 * };
*/
struct ListNode* removeNthFromEnd(struct ListNode* head, int n){
   struct ListNode* record_head;
struct ListNode* record_tail;
struct ListNode* tmp;
struct ListNode* prev;
     int index;
    record_head = head;
record_tail = head;
    tmp = record_head;
prev = NULL;
     while(true)
          index = 0;
          while( (index < n) && (NULL != tmp) )
          tmp = tmp->next;
index++;
          if(NULL == tmp)
               break;
          prev = record_head;
record_head = record_head->next;
           tmp = record_head;
     if (prev == NULL)
          head = record_head->next;
     }else
          prev->next = record_head->next;
     return head;
```