

LEETCODE SOLUTIONS - YOGESH MUNEEES

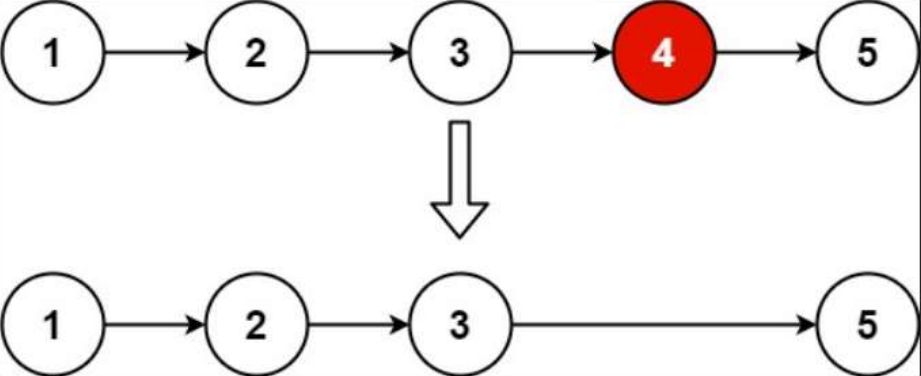
19. Remove Nth Node From End of List Hint

Medium ✓ 16.7K 695 ☆ ↻

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Given the `head` of a linked list, remove the `nth` node from the end of the list and return its head.

Example 1:



Input: `head = [1,2,3,4,5]`, `n = 2`
Output: `[1,2,3,5]`

Solution:

```
/**
 * Definition for singly-linked list.
 * struct ListNode {
 *     int val;
 *     struct ListNode *next;
 * };
 */
struct ListNode* removeNthFromEnd(struct ListNode* head, int n){
    int i=0;
    struct ListNode *temp = head;
    while(temp!=NULL){
        i++;
        temp = temp->next;
    }
    temp = head;
    i = i-n;
    printf("%d",i);
    int x = 0;
    while(temp!=NULL){
        if(x>i-1){
```

```
        head = head->next;
        break;
    }
    if(x==i-1){
        struct ListNode *t = temp->next;
        if(t==NULL)
            temp->next = NULL;
        else
            temp->next = t->next;
        break;
    }
    x+=1;
    temp = temp->next;
}
return head;
}
```