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leetcode.com/problems/remove-nth-node-from-end-of-list/description/

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Problem List

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19. Remove Nth Node From End of List

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Hint

Given the `head` of a linked list, remove the n^{th} 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]`

Example 2:

Input: `head = [1]`, `n = 1`
Output: `[]`

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196 Online

Code

Java

Auto

```
1 class Solution {
2     public ListNode removeNthFromEnd(ListNode head, int n) {
3         ListNode fast = head, slow = head;
4         for (int i = 0; i < n; i++) fast = fast.next;
5         if (fast == null) return head.next;
6         while (fast.next != null) {
7             fast = fast.next;
8             slow = slow.next;
9         }
10        slow.next = slow.next.next;
11        return head;
12    }
13 }
```

Saved

Ln 13, Col 2

Testcase

Test Result

Accepted

Runtime: 0 ms

Case 1

Case 2

Case 3

Input

head =

[1,2,3,4,5]