

```
import java.util.*;

class Solution {

    public ListNode removeNthFromEnd(ListNode head, int n)
    {
        ListNode temp=head;
        int count=0;
        while(temp!=null)
        {
            count++;
            temp=temp.next;
        }
        int remove=count-n;
        if(count==n)
        {
            return head.next;
        }
        temp=head;
        for(int i=0;i<remove-1;i++)
        {
            temp=temp.next;
        }
        temp.next=temp.next.next;
        return head;
    }
}
```