Reverse linked list II

```
class Solution {
 public:
  ListNode* reverseBetween(ListNode* head, int left, int right) {
     if (left == 1)
        return reverseN(head, right);
     head->next = reverseBetween(head->next, left - 1, right - 1);
     return head;
  }
 private:
  ListNode* reverseN(ListNode* head, int n) {
     if (n == 1)
        return head;
     ListNode* newHead = reverseN(head->next, n - 1);
     ListNode* headNext = head->next;
     head->next = headNext->next;
     headNext->next = head;
     return newHead;
  }
};
  ← All Submissions
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                                                                        C++ ∨ 🗎 Auto
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                                                                            * };
    Accepted 44 / 44 testcases passed
                                               ☐ Editorial
                                                         Solution
                                                                          10
    12ananya submitted at Feb 13, 2025 22:10
                                                                             class Solution {
                                                                              ListNode* reverseBetween(ListNode* head, int left, int right) {
                                (i)
      © Runtime
                                     Memory
                                                                          14
15
                                                                               if (left == 1)
                                                                                 return reverseN(head, right);
                                     11.33 MB | Beats 5.15%
      0 ms | Beats 100.00% 🞳
                                                                               head->next = reverseBetween(head->next, left - 1, right - 1);
      ♣ Analyze Complexity
                                                                          17
                                                                               return head;
                                                                          19
                                                                              ListNode* reverseN(ListNode* head, int n) {
               0
                                                                          21
                                                                               if (n == 1)
                                                                          22
                                                                               return head;
                                                                         Accepted Runtime: 0 ms
```