```c
/**
 * Definition for singly-linked list.
 * struct ListNode {
 *     int val;
 *     struct ListNode *next;
 * };
 */
struct ListNode* reverseBetween(struct ListNode* head, int left, int right) {

    if (head == NULL) return NULL;

    if (left == right) return head;

    struct ListNode* prev = NULL;
    struct ListNode* curr = head;

    int index = 1;
    while (index < left)
    {
        prev = curr;
        curr = curr->next;
        index++;
    }

    struct ListNode* leftMinusOneNode = prev;

    struct ListNode* leftNode = curr;
    struct ListNode* next = NULL;

    while (left <= right)
    {
        next = curr->next;

        curr->next = prev;
```

```
35
36          prev = curr;
37          curr = next;
38          left++;
39      }
40
41      if (leftMinusOneNode == NULL) // means head changes
42          head = prev;
43      else
44          leftMinusOneNode->next = prev;
45
46      leftNode->next = curr;
47
48      return head;
49  }
```