인덱스 m에서 n까지를 역순으로 만들어라. 인덱스 m은 1부터 시작한다.

Input: head = [1,2,3,4,5], left = 2, right = 4
Output: [1,4,3,2,5]

```
# Definition for singly-linked list.
# class ListNode:
#     def __init__(self, val=0, next=None):
#         self.val = val
#         self.next = next
```

1.브루트 포스

```
class Solution:
    def toList(self, head: ListNode) -> List[int]:
        result = []
        while head:
            result.append(head.val)
            head = head.next
        return result
    def reverseBetween(self, head: ListNode, left: int, right: int) -> ListNode:
        if not head or not left<right:
            return head
        temp_list = self.toList(head)
        reverse = temp_list[left -1:right]
        reverse.reverse()
        temp_list[left - 1:right] = reverse
        result = None
        for n in temp_list[::-1]:
            result = ListNode(n, result)
        return result
```

- 리스트로 변환하여 처리 한다.

2.반복

```
class Solution:
    def reverseBetween(self, head: ListNode, left: int, right: int) -> ListNode:
        if not head or not left < right:
            return head
        result = start = ListNode(None, head)
        for _ in range(left - 1):
            start = start.next
        end = start.next
        for _ in range(right - left):
            start.next, end.next, temp = end.next, end.next.next, start.next
            start.next.next = temp
        return result.next
```