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leet code Program-2

=> Reverse linked list -II

```
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;
        prev = curr;
        curr = next;
        left ++ ;
    }
```

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```
        if (leftMinusOneNode  == NULL)
              head = prev;
        else
              leftMinusOneNode  -> next  = prev;

        leftNode  -> next = curr;
         return  head;
}
```

Output:

head = [1, 2, 3,4,5]

left = 2

Right = 4

output = [1, 4, 3, 2, 5]