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Leetcode Problem - 4 (61) *all of the*
→ Rotate list *(1st) solution*
(2nd) solution

```
int GetLength (struct ListNode * head)
{
    if (head == NULL)
        return 0;
    return 1 + GetLength (head → next);
}

struct ListNode* rotateRight (struct ListNode * head, int k) {
    if (head == NULL || k == 0)
        return head;
    int length = GetLength (head);
    if (length == 1)
        return head;
    for (int i = 0; i < k % length; i++)
    {
        struct ListNode * p = head;
        while (p → next → next != NULL)
        {
            p = p → next;
        }
        struct ListNode * a = (struct ListNode *) malloc (sizeof (struct ListNode));
        a → val = p → next → val;
        a → next = head;
        head = a;
        p → next = NULL;
    }
    return head;
}
```

Output:- Input: head = [1, 2, 3, 4, 5], k = 2
Output: [4, 5, 1, 2, 3]