

61. Rotate List

[link](#)

1. for循环确定k的长度

创建一个环, 然后从len - k的地方切开 current.next = null

返回下一个节点. 使用k%len确保不做无用的循环.

```
public ListNode rotateRight(ListNode head, int k) {
    if(head == null) return head;
    int len = 1;
    ListNode n = head;
    while(n != null && n.next != null){
        len++;
        n = n.next;
    }
    k = k % len;
    if(k == 0)
        return head;
    n.next = head;
    int index = len - k;
    while(index > 0){
        if(index == 1){
            n = head.next;
            head.next = null;
            break;
        }else{
            head = head.next;
            index--;
        }
    }
    return n;
}
```