class Solution {

public:

ListNode\* rotateRight(ListNode\* head, int k) {

if(!head || !head->next) return head;

int len = 0;

ListNode\* p = head;

while(p) p = p->next, len++;

k = k % len;

if(k == 0) return head;

ListNode\* slow = head;

ListNode\* fast = head;

while(k > 0) fast = fast->next, k--;

while(fast->next) fast = fast->next, slow = slow->next;

ListNode\* res = slow->next;

slow->next = NULL;

fast->next = head;

return res;

}

};