# Definition for singly-linked list.

# class ListNode:

# def \_\_init\_\_(self, val=0, next=None):

# self.val = val

# self.next = next

class Solution:

def rotateRight(self, head: Optional[ListNode], k: int) -> Optional[ListNode]:

if k == 0 or head is None:

return head

curr = head

length = 1

while curr.next is not None:

curr = curr.next

length += 1

k %= length

if k == 0:

return head

curr.next = head

curr = head

for i in range(1, length - k):

curr = curr.next

head = curr.next

curr.next = None

return head