

Description

Solution

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Java

Autocomplete

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{ }

61. Rotate List

Medium

4779

1261

Add to List

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Given the head of a linked list, rotate the list to the right by k places.

Example 1:

1 → 2 → 3 → 4 → 5

rotate 1

5 → 1 → 2 → 3 → 4

rotate 2

4 → 5 → 1 → 2 → 3

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

Output: [4,5,1,2,3]

Example 2:

0 → 1 → 2

rotate 1

2 → 0 → 1

rotate 2

1 → 2 → 0

rotate 3

0 → 1 → 2

rotate 4

2 → 0 → 1

Input: head = [0,1,2], k = 4

Output: [2,0,1]

Constraints:

The number of nodes in the list is in the range [0, 500] .

-100 ≤ Node.val ≤ 100

0 ≤ k ≤ 2 \* 10<sup>9</sup>

Accepted 530,630

Submissions 1,530,380

Seen this question in a real interview before?

Yes

No

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/\*\*  
 \* Definition for singly-linked list.  
 \* public class ListNode {  
 \* int val;  
 \* ListNode next;  
 \* ListNode() {}  
 \* ListNode(int val) { this.val = val; }  
 \* ListNode(int val, ListNode next) { this.val = val; this.next = next;  
 \* }  
 \*/  
class Solution {  
 public ListNode rotateRight(ListNode head, int k) {  
 }  
}

https://leetcode.com/problems/rotate-list/

1/1