**Swap Kth nodes from ends :-**

Given a singly linked list of size **N**, and an integer **K.** You need to swap the **Kth node from beginning** and **Kth node from the end**in the linked list.  
**Note**: You need to swap the nodes through the links and not changing the content of the nodes.

**Example 1:**

**Input:**

N = 4, K = 1

value[] = {1,2,3,4}

**Output:** 1

**Explanation:** Here K = 1, hence after

swapping the 1st node from the beginning

and end thenew list will be 4 2 3 1.

**Example 2:**

**Input:**

N = 5, K = 3

value[] = {1,2,3,4,5}

**Output:** 1

**Explanation:** Here k = 3, hence after

swapping the 3rd node from the beginning

and end the new list will be 1 2 3 4 5.

**Your Task:**   
The task is to complete the function **swapkthnode**(), which has **arguments head**, **num(no of nodes),**and **K,**and it should return a new head. The **validation**is done **internally**by thedriver code to ensure that the swapping is done by changing references/pointers only.  **A correct code would always cause output as 1**. If K is greater than the size of linked list then return head.

**Expected Time Complexity**: O(n)  
**Expected Auxillary space Complexity:** O(1)

**Constraints:**  
1 <= N <= 103  
1 <= K <= 103