Reverse both parts

Given a linked list and a number k. You have to reverse first part of linked list with k nodes and the second part with n-k nodes.

Example 1:

```
Input: 1 -> 2 -> 3 -> 4 -> 5
k = 2
Output: 2 -> 1 -> 5 -> 4 -> 3
Explanation: As k = 2 , so the first part 2
nodes: 1 -> 2 and the second part with 3 nodes:
3 -> 4 -> 5. Now after reversing the first part:
2 -> 1 and the second part: 5 -> 4 -> 3.
So the output is: 2 -> 1 -> 5 -> 4 -> 3
```

Example 2:

```
Input: 1 \rightarrow 2 \rightarrow 4 \rightarrow 3

k = 3

Output: 4 \rightarrow 2 \rightarrow 1 \rightarrow 3

Explanation: As k = 3, so the first part

3 nodes: 4 \rightarrow 2 \rightarrow 1 and the second part
with 1 nodes: 3. Now after reversing the
first part: 1 \rightarrow 2 \rightarrow 4 and the
second part: 3. So the output is: 1 \rightarrow 2 \rightarrow 4 \rightarrow 3
```

Your Task:

You don't need to read input or print anything. Your task is to complete the function **reverse()** which takes head node of the linked list and a integer k as input parameters and returns head node of the linked list after reversing both parts.

Constraints:

$$1 <= N <= 10^5$$

$$1 \le k \le N$$

Expected Time Complexity: O(N)

Expected Space Complexity: O(1)