1. Sort a linked list using Insertion Sort, Bubble Sort, Merge Sort – Recursively(all of them).
2. Reverse a linked list iteratively and recursively.
3. Given a linked list rearrange the list such that all even numbers are placed after odd numbers.
4. Implement kReverse(Node *&head, int K) function on a list i.e you reverse first K elements then reverse next K elements and join the linked list and so on. For e.g: 3→4→5→2→6→1→9→NULL for kreverse(3) becomes 5→4→3→1→6→2→9→NULL
5. Given two list, check if they are reverse of each other or not
6. Given two linked list, check if they are permutations of each other or not.
7. RearrangeAnBn(Node * &head) – discussed in the class
8. Radix Sort (Read about it on internet)