Algorithms & DS : Assignment-03

1. Implement Singly Linear Linked List and perform following operations:
    i) Sort the linked list elements by using:
        1. Selection sort (using pointer)
        2. Bubble sort(using pointer)
    ii) Merge two already sorted linked lists into a third linked list
    iii) Add node into a linked list in a sorted manner

2. Write a recursive function to reverse a singly linear linked list.
3. Write a function to find middle node in a linked list.
4. Write a function(recursive & non-recursive) to remove duplicate elements from a sorted linked list
5. Reverse a linked list in groups of given size
    e.g. group size = 3
    Input : 10 -> 20 -> 30 -> 40 -> 50 -> 60 -> 70 -> 80 -> 90 -> NULL
    Output: 30 -> 20 -> 10 -> 60 -> 50 -> 40 -> 90 -> 80 -> 70 -> NULL

6. Implement linked list of employees.