

**Assignment 11 – Linked List**

1. Implement insertion and deletion at ith position recursively
2. Implement code to swap two elements of a Linked List. You need to swap the nodes not the data
3. Check if a linked list is a palindrome
4. Eliminate duplicates from a sorted linked list
5. Find midpoint of a Linked List
6. Check if a linked list is a palindrome
7. Reverse Linked List
  - a. Using recursion
  - b. Without using recursion
8. Print a given linked list in reverse order. Tail first. You can't change any pointer in the linked list.