

## **Tutorial Sheet**

**ODD 2022 15B11CI311 – Data Structures**

**Week 2 (15 Aug 2022- 20 Aug 2022)**

- Q.1.** Given a head pointer, write pseudo code to reverse a singly linked list.
- Q.2.** Given a head and tail pointer, write pseudo code to reverse a singly linked list.
- Q.3.** Given a head pointer, write pseudo code to find middle element of a linked list using a single traversal/loop.
- Q.4.** Given a head and tail pointer, write pseudo code to reverse a doubly linked list without swapping nodes.
- Q.5.** Given a rear pointer to a circular LL, write pseudo code to find second last element.