Data Structures and Algorithms - Assignment 5

1. Implement singly circular linked list using tail pointer (no head pointer). Compare time complexities of all operations.

2. Implement stack and queue using linked list.

3. Implement Deque using doubly linear linked list.

- Optional

4. Write a menu driven program to perform operations on linked list. Also provide option for undo. At any moment if you do undo, last operation performed on linked list should rollback. Your application should support at least 5 undo operations.