

Data Structures and Algorithms - Assignment 4

1. Implement double ended queue using linked list.

Optional

2. Implement menu driven program to maintain linked list of employees and provide below operations.
 - Add employee (Perform any add operation)
 - Display all employees
 - Search employee by name
 - Delete employee by empid
 - Update salary of employee
3. Write a menu driven program to perform operations on any 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 few undo operations.
4. <https://leetcode.com/problems/reverse-linked-list-ii>
5. <https://leetcode.com/problems/middle-of-the-linked-list>
6. <https://leetcode.com/problems/linked-list-cycle>
7. <https://leetcode.com/problems/palindrome-linked-list>
8. <https://leetcode.com/problems/two-sum>