

Data Structures and Algorithms - Assignment 2

1. Create an array of integers. Reverse the array using stack
2. Implement circular queue using counter method
3. Implement stack and queue using linked list.

Optional

4. Write program to implement linear queue in which front and rear starts at 0.
5. Write a program to implement descending stack. (Initialize top = SIZE)
6. 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