

# **ASSIGNMENT 4**

## **STACK & QUEUES**

1. **Implement Stack And Queues using Linked List, Arrays**
2. **Get min elements from the stack in constant time. (Medium to Hard)**
3. Reverse the [stack/queue](#) (Medium)
4. **Sort the [stack/queue](#) (Medium)**
5. Implement Deque (Medium)
6. **Print the largest element in every k window (Medium to Hard)**
7. **Largest Histogram (Hard)**
8. [Circular tour](#) (Medium)
9. [Balanced Parenthesis](#) (Medium)
10. Celebrity Problem (Hard)
11. [Merge Overlapping intervals](#) (Medium to Hard)
12. **Next Greater Element in Array (Medium)**
13. Implement (stack/queue) using (queue/stack) (Easy to medium)
14. **Detect Duplicate Parenthesis (Easy to medium)**
15. [Nearest Smaller Number in Array](#) (Medium),
16. **Evaluate Expression (Hard)**