

Lab Assignment 8

Program:

- a. Implement a menu-driven stack using array and structure for following operations:
 - i. Insert an element
 - ii. Traverse a stack
 - iii. Delete the element

- b. Implement a menu-driven Linear queue using array and structure for following operations:
 - i. Insert an element
 - ii. Traverse a queue
 - iii. Delete the element

Lab File Writing:

1. Stack
 - a. Representation of stack using Array and structure.
 - b. Algorithm of each operation
 - c. Time complexity of each operation
2. Queue
 - a. Representation of Queue using Array and structure.
 - b. Algorithm of each operation
 - c. Time complexity of each operation
3. Conclusion

Note:

Upload the zip file of .c and screenshot. Code should be modular and add necessary comments.