Lab Assignment 5

Write

Write the algorithm for all operations and mention its time complexity.

Program:

Implement a Menu-driven Singly Linked List for the following operations

1. Insert an element
    a. At the beginning
    b. At the end
    c. At the specific position
2. Traverse a list
3. Delete the element
    a. At the beginning
    b. At the end
    c. Specific element
4. Count the number of elements in a list
5. Search an element in list
6. Traverse the element in reverse order.

Note:

Upload the zip file of .c and screenshot

Code should be modular and add necessary comments.