

Assignment 5

Ques 1: Write a C/C++ program to implement Singly Linked List. The program must support the following basic operations:

1. Insertion
2. Deletion
3. Search
4. Display

Ques 2: Write a C/C++ program to implement Doubly Linked List. The program must support the following basic operations:

1. Insertion
2. Deletion
3. Search
4. Display

Ques 3: Write a C/C++ program to implement Circular Linked List. The program must support the following basic operations:

1. Insertion
2. Deletion
3. Search
4. Display

Hints:

<https://www.geeksforgeeks.org/circular-linked-list/>

<https://www.geeksforgeeks.org/circular-linked-list-set-2-traversal/>

<https://www.geeksforgeeks.org/circular-singly-linked-list-insertion/>

<https://www.geeksforgeeks.org/deletion-circular-linked-list/>

Ques 4: Write a C/C++ program for reversing the elements of the Singly Linked List.

Hint:

<https://www.geeksforgeeks.org/reverse-a-linked-list/>