## **Linked List**

## **Basic Level Questions:**

- 1. Create a Singly Linked list class (members-> value and next pointer), with the following methods:
  - → createNewNode()
  - → addNodeAtBegin()
  - → addNodeAtEnd()
  - →length()
  - → print()

[Follow: <a href="https://www.geeksforgeeks.org/linked-list-set-1-introduction/">https://www.geeksforgeeks.org/linked-list-set-1-introduction/</a>]

- 2. Create a method to search an element in the above created linked list
- 3. Create a method to delete any Element in the above create linked list
- 4. Create a method to provide the "Nth" Node from the above created linked list.
- 5. Create a method to Count the numbers of a specific value in the above created linked list
- 6. Find the minimum and maximum element in the linked list.
- 7. Convert the above created linked list into a Circular Linked List.
- 8. Create a Doubly Linked list and perform all the operations that were done on the above singly linked list.

[Follow: <a href="https://www.geeksforgeeks.org/doubly-linked-list/">https://www.geeksforgeeks.org/doubly-linked-list/</a>]

9. After performing all the above operations convert the above created DLL into a Circular doubly Linked list.