

GLS UNIVERSITY
GLS INSTITUTE OF COMPUTER APPLICATIONS & IT

BCA Sem – III
Practical Assignment – III
Data Structure Practical

1. Write a C++ program that will perform following operations using singly linked list:

- Create a list
- Insert in the beginning
- Delete from the end
- Display the linked list

2. Write a C++ program that will perform following operations using doubly linked list:

- Create a list
- Insert in the beginning
- Delete from the end
- Display the linked list

3. Write a C++ program that will perform following operations using singly linked list:

- Create a list
- Insert at the end
- Delete from the beginning
- Display the linked list

4. Write a C++ program that will perform following operations using circular singly linked list:

- Create a list
- Insert at the end
- Delete from the beginning
- Display the linked list

5. Write a C++ program that will perform following operations using singly linked list:

- Create a node
- Insert at specific location
- Delete at the end
- Display the linked list

6. Write a C++ program that will perform following operations using singly linked list:

- Create a list
- Insert in the beginning
- Delete at specific location
- Display the linked list

7. Write a C++ program that will perform following operations using doubly

linked list:

- Create a list
- Insert at specific location
- Display the linked list

8. Write a C++ program that will perform following operations using doubly linked list:

- Create a list
- Insert at the end
- Delete from specific location
- Display the linked list

9. Write a C++ program that will perform following operations using circular doubly linked list:

- Create a list
- Insert at the end,beginning
- Delete from specific location,first,last
- Display the linked list

Note: All the students have to attempt all the practical questions compulsory.