Course Name: Data Structures

Class: SE Computer Engineering / Semester 3

Sr. No	Title of Programs
1	Implement Stack ADT using array.
2	Convert an Infix expression to Postfix expression using stack ADT.
3	Evaluate Postfix Expression using Stack ADT.
4	Applications of Stack ADT (Checking correctness of parenthesis)
5	Implement Linear Queue ADT using array.
6	Implement Circular Queue ADT using array.
7	Implement Priority Queue using array (Priority queue with normal insert)
8	Implement Priority Queue using array (Priority queue with normal delete)
9	Implement Double Ended Queue using array
10	Implement Singly Linked List (Insertion, Deletion, Display)
11	Implement Circular Linked List ADT.
12	Implement Doubly Linked List ADT.
13	Write a program to implement addition of 2 polynomials using linked list
14	Write a program to implement stack using linked list
15	Write a program to implement queue using linked list
16	Write a program to implement BFS traversal
17	Write a program to implement DFS traversal
18	Write a program to implement Binary Search