

## Tutorial 6

### Doubly Linked List, Stack , Queue and Trees

#### Instructions

1. All tutorial sheets will be posted on the Google Classroom.
2. Students are advised to submit tutorial sheets solutions in classroom.

- Q1. Write a program in C to create a doubly link list and then delete a specific element from the list.
- Q2. Write a program in C to find the maximum value from a doubly linked list.
- Q3. Implement stack and queue dynamically using menu driven approach.
- Q4. Design a stack that returns a minimum element without using an auxiliary stack.
- Q5. Write the recursive functions to perform in-order, post-order and pre-order traversal of a binary tree.
- Q6. Perform in-order, post-order and pre-order traversal of the following tree.

