Data Structure Lab, B.Tech 2nd Semester

Instructions

1. After completion, you can share the files through the google form, the link will be

provided.

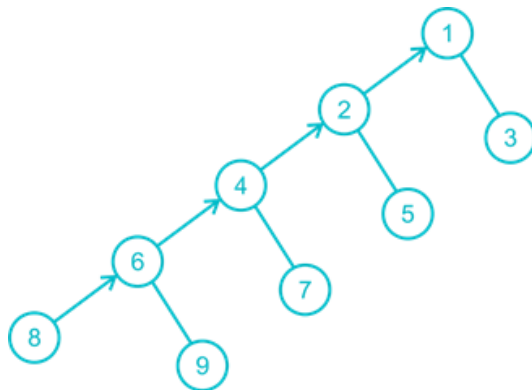2. Deadline to submit is 4th June 2023 till 5 pm.

Assignment -6

1. Write a C program to calculate the height of a binary tree.
2. Write a C program to traverse the tree using inorder, preorder and postorder traversal.
3. Write a C program to create a unique binary tree using the postorder and inorder given below:

   Postorder : 8,9,6,7,4,5,2,3,1
   Inorder: 8,6,9,4,7,2,5,1,3

Output format:

4. Write a C program to implement circular queue using array and perform enqueue and dequeue at a given specific position.

Input Format:

Enter size of circular queue:

Enter element of circular queue:

Output Format:

The circular Queue is:

Enter position to enqueue:

The new circular Queue:

Enter position to dequeue:

The new circular Queue: