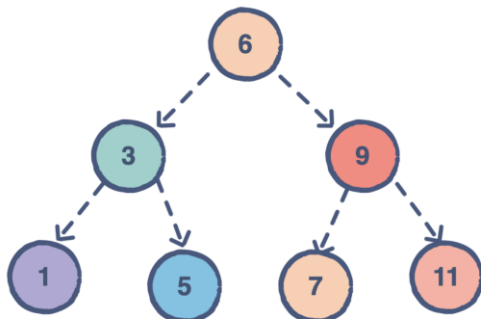**Sardar Vallabhbhai National Institute of Technology, SVNIT, Surat**
B.Tech. CSE I Sem II
Data Structures (CS102)
LAB Assignment 9

Goal:

- To understand the concept of tree and its operations.

1. Write a program in C that create a following binary search tree and perform the following operations on it.
   - Insert 19, 4 and 10 nodes respectively
   - deletes the smallest element from the tree.
   - Count the number of nodes

2. Write a program to implement Inorder, Preorder and Postorder traversal of a given tree in question 1.
3. Write a C program that reads the prefix expression, builds the tree and prints the post fix form of it. * a + b * c + d e