

Homework

Assignment 1 Given a binary search tree, write a C program to check if it is an AVL tree or not?

Assignment 2

Write a C program to create an AVL Tree which contains the number with the basic functions:

- a. Create an empty AVL Tree
- b. Single Rotation
- c. Double Rotation
- d. Insert a node to AVL Tree
- e. Delete a node from AVL Tree

After building all these functions, write a C main program to create an **AVL Tree** and test all above functions.