ADSA Lab Assignments
(21/10/2024)

Height of a Binary Tree

Height of a Binary Tree: Write a function to find the height of a binary tree.

Read the concept: https://www.geeksforgeeks.org/find-the-maximum-depth-or-height-of-a-tree/

Solve in GFG: https://www.geeksforgeeks.org/problems/height-of-binary-tree/1

Diameter of a Binary Tree

Diameter of a Binary Tree: Write a function to find the diameter of a binary tree.

Read the concept: https://www.geeksforgeeks.org/diameter-of-a-binary-tree/

Solve in GFG: https://www.geeksforgeeks.org/problems/diameter-of-binary-tree/1/

Check if a Binary Tree is Balanced

Check if a Binary Tree is Balanced: Write a function to check if a binary tree is height balanced.

Read the concept:
https://www.geeksforgeeks.org/how-to-determine-if-a-binary-tree-is-balanced/

Solve in GFG: https://www.geeksforgeeks.org/problems/check-for-balanced-tree/1

Lowest Common Ancestor

Lowest Common Ancestor: Write a function to find the lowest common ancestor of two nodes in a binary tree.

Read the concept: https://www.geeksforgeeks.org/lowest-common-ancestor-binary-tree-set-1/

Solve in GFG:
https://www.geeksforgeeks.org/problems/lowest-common-ancestor-in-a-binary-tree/1