**5\_Trees**

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| **Level 1** | | | |
| 1. Height of Binary Tree |  | 1. Check for BST |  |
| 1. Determine if two trees are identical |  | 1. Array to BST |  |
| 1. Mirror tree |  | 1. Largest value in each level of binary tree |  |
| 1. Symmetric Tree |  | 1. Maximum GCD of siblings of a binary tr |  |
| 1. Diameter of tree |  | 1. Zigzag Tree Traversal |  |
| 1. Checked for Balanced tree |  | 1. Inorder Successor in BST |  |
| 1. Children Sum Parent |  | 1. Kth Largest Element in a BST |  |
| **Level 2** | | | |
| 1. Check if subtree |  | 1. Maximum sum leaf to root path |  |
| 1. Single Valued Subtree |  | 1. Odd Even Level Difference |  |
| 1. Unique BSTs |  | 1. Lowest Common Ancestor of a Binary Tree |  |
| 1. Inorder Traversal (iterative) |  | 1. Ancestors in Binary Tree |  |
| 1. Preorder Traversal (iterative) |  | 1. Remove BST keys outside the given range |  |
| 1. Postorder Traversal(iterative) |  | 1. Pair with given target in BST |  |
| 1. Vertical Traversal of a Binary Tree |  | 1. Sum Tree |  |
| 1. Boundary Traversal |  | 1. BST to greater sum tree |  |
| 1. Construct Binary Tree from Parent array |  | 1. BST to max heap |  |
| 1. Construct Binary Tree from Preorder and Inorder Traversal |  | 1. Clone binary tree with random pointer |  |
| 1. Preorder Traversal and BST |  | 1. Maximum sum of non adjacent nodes |  |
| 1. Construct tree from preorder traversal |  | 1. Largest BST in a Binary Tree |  |
| 1. Minimum distance between two given nodes |  | 1. Extreme nodes in alternate order |  |
| **Level 3** | | | |
| 1. Connect nodes at same level |  | 1. K-Sum Paths |  |
| 1. Nodes at given distance in a Binary Tree |  | 1. Number of turns in a binary tree |  |
| 1. Sorted Linked List to BST |  | 1. Merge two BST’s |  |
| 1. Binary Tree to Doubly Linked List |  | 1. Fixing two nodes of a BST |  |
| 1. Maximum sum path between two leaf nodes |  | 1. Burn Binary Tree |  |

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| Link : <https://www.geeksforgeeks.org/top-50-tree-coding-problems-for-interviews/> |

Problems from different sections