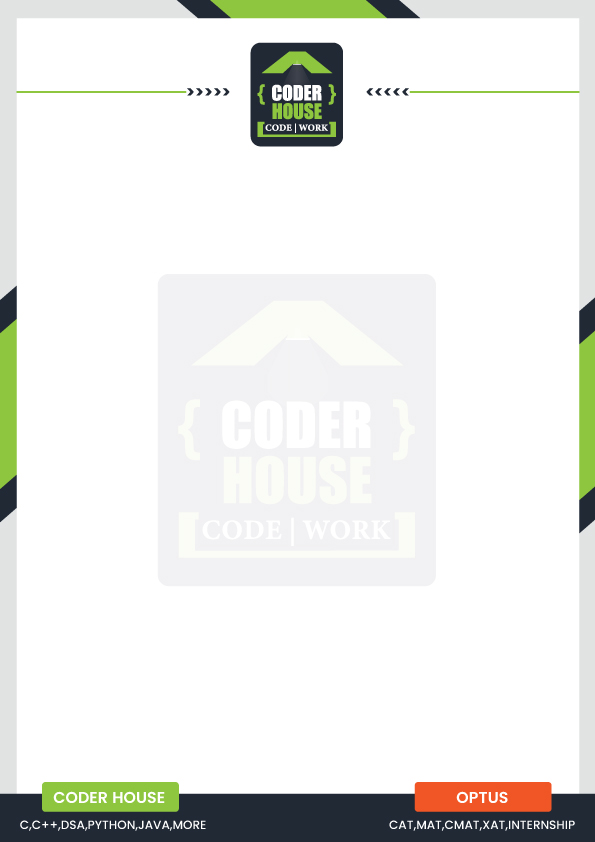


|  |  |
| --- | --- |
| Days | Questions |
| DAY 1 | **Level-order traversal of a binary tree (Breadth-First Search).** |
| DAY 2 | **Preorder, Inorder, and Postorder traversals of a binary tree.** |
| DAY 3 | **Height of a binary tree.** |
| DAY 4 | **Count the number of nodes in a binary tree.** |
| DAY 5 | **Count the number of leaf nodes in a binary tree.** |
| DAY 6 | **Find the maximum and minimum values in a binary tree.** |
| DAY 7 | **Check if two binary trees are identical.** |
| DAY 8 | **Mirror a binary tree.** |
| DAY 9 | **Check if a binary tree is height-balanced.** |
| DAY 10 | **Convert a binary tree to its sum tree.** |
| DAY 11 | **Lowest Common Ancestor (LCA) in a binary tree.** |
| DAY 12 | **Print all nodes at a distance "K" from a given node.** |
| DAY 13 | **Check if a binary tree is a Binary Search Tree (BST).** |
| DAY 14 | **Find the diameter of a binary tree.** |
| DAY 15 | **Zigzag (spiral) level-order traversal of a binary tree.** |



|  |  |
| --- | --- |
| Days | Questions |
| DAY 16 | **Check if two trees are mirror images of each other.** |
| DAY 17 | **Boundary traversal of a binary tree.** |
| DAY 18 | **Top view and bottom view of a binary tree.** |
| DAY 19 | **Right view and left view of a binary tree.** |
| DAY 20 | **Vertical order traversal of a binary tree.** |
| DAY 21 | **Serialize and deserialize a binary tree.** |
| DAY 22 | **Construct a binary tree from its Inorder and Preorder traversals.** |
| DAY 23 | **Construct a binary tree from its Inorder and Postorder traversals.** |
| DAY 24 | **Convert a BST to a balanced BST.** |
| DAY 25 | **Kth smallest and Kth largest elements in a BST.** |
| DAY 26 | **Find the inorder predecessor and successor of a node in BST.** |
| DAY 27 | **Binary tree maximum path sum.** |
| DAY 28 | **Flatten a binary tree to a linked list in-place.** |
| DAY 29 | **Count the total number of nodes in a complete binary tree.** |
| DAY 30 | **Check if a binary tree is a subtree of another tree.** |