450 DSA Cracker

Topics (/) / Binary Tree

Serial No.	Questions
1	level order traversal (https://practice.geeksforgeeks.org/problems/level-order-traversal/1)
2	Reverse Level Order traversal (https://practice.geeksforgeeks.org/problems/reverse-level-order-traversal/1)
3	Height of a tree (https://practice.geeksforgeeks.org/problems/height-of-binary-tree/1)
4	Diameter of a tree (https://practice.geeksforgeeks.org/problems/diameter-of-binary-tree/1)
5	Mirror of a tree (https://www.geeksforgeeks.org/create-a-mirror-tree-from-the-given-binary-tree/)
6	Inorder Traversal of a tree both using recursion and Iteration (https://www.techiedelight.com/inorder-tree-traversal-iterative-recursive/)
7	Preorder Traversal of a tree both using recursion and Iteration (https://www.techiedelight.com/preorder-tree-traversal-iterative-recursive/)
8	Postorder Traversal of a tree both using recursion and Iteration (https://www.techiedelight.com/postorder-tree-traversal-iterative-recursive/)
9	Left View of a tree (https://practice.geeksforgeeks.org/problems/left-view-of-binary-tree/1)
10	Right View of Tree (https://practice.geeksforgeeks.org/problems/right-view-of-binary-tree/1)
11	Top View of a tree (https://practice.geeksforgeeks.org/problems/top-view-of-binary-tree/1)
12	Bottom View of a tree (https://practice.geeksforgeeks.org/problems/bottom-view-of-binary-tree/1)

Serial No.	Questions
13	Zig-Zag traversal of a binary tree (https://practice.geeksforgeeks.org/problems/zigzag-tree-traversal/1)
14	Check if a tree is balanced or not (https://practice.geeksforgeeks.org/problems/check-for-balanced-tree/1)
15	Diagnol Traversal of a Binary tree (https://www.geeksforgeeks.org/diagonal-traversal-of-binary-tree/)
16	Boundary traversal of a Binary tree (https://practice.geeksforgeeks.org/problems/boundary-traversal-of-binary-tree/1)
17	Construct Binary Tree from String with Bracket Representation (https://www.geeksforgeeks.org/construct-binary-tree-string-bracket-representation/)
18	Convert Binary tree into Doubly Linked List (https://practice.geeksforgeeks.org/problems/binary-tree-to-dll/1)
19	Convert Binary tree into Sum tree (https://practice.geeksforgeeks.org/problems/transform-to-sum-tree/1)
20	Construct Binary tree from Inorder and preorder traversal (https://practice.geeksforgeeks.org/problems/construct-tree-1/1)
21	Find minimum swaps required to convert a Binary tree into BST (https://www.geeksforgeeks.org/minimum-swap-required-convert-binary-tree-binary-search-tree/)
22	Check if Binary tree is Sum tree or not (https://practice.geeksforgeeks.org/problems/sum-tree/1)
23	Check if all leaf nodes are at same level or not (https://practice.geeksforgeeks.org/problems/leaf-at-same-level/1)
24	Check if a Binary Tree contains duplicate subtrees of size 2 or more [IMP] (https://practice.geeksforgeeks.org/problems/duplicate-subtree-in-binary-tree/1)
25	Check if 2 trees are mirror or not (https://practice.geeksforgeeks.org/problems/check-mirror-in-n-ary-tree/0)
26	Sum of Nodes on the Longest path from root to leaf node (https://practice.geeksforgeeks.org/problems/sum-of-the-longest-bloodline-of-a-tree/1)
27	Check if given graph is tree or not. [IMP] (https://www.geeksforgeeks.org/check-given-graph-tree/)

Serial No.	Questions
28	Find Largest subtree sum in a tree (https://www.geeksforgeeks.org/find-largest-subtree-sum-tree/)
29	Maximum Sum of nodes in Binary tree such that no two are adjacent (https://www.geeksforgeeks.org/maximum-sum-nodes-binary-tree-no-two-adjacent/)
30	Print all "K" Sum paths in a Binary tree (https://www.geeksforgeeks.org/print-k-sum-paths-binary-tree/)
31	Find LCA in a Binary tree (https://practice.geeksforgeeks.org/problems/lowest-common-ancestor-in-a-binary-tree/1)
32	Find distance between 2 nodes in a Binary tree (https://practice.geeksforgeeks.org/problems/min-distance-between-two-given-nodes-of-a-binary-tree/1)
33	Kth Ancestor of node in a Binary tree (https://www.geeksforgeeks.org/kth-ancestor-node-binary-tree-set-2/)
34	Find all Duplicate subtrees in a Binary tree [IMP] (https://practice.geeksforgeeks.org/problems/duplicate-subtrees/1)
35	Tree Isomorphism Problem (https://practice.geeksforgeeks.org/problems/check-if-tree-is-isomorphic/1)