Mindluster Platform

About the course Trees Binary Trees BST

As the name suggests, a Binary Search Tree or BST is a tree that is used in sorting, retrieving and searching data. It is also a type of non-linear data structure in which the nodes are arranged in a particular order. Hence, it is also called as .

Programming Category's Courses

Course Lesson(39)

Lesson 1 : **Trees | Introduction**

Lesson 2 : **Binary Tree | Representation**

Lesson 3 : **Simple Binary Tree in C**

Lesson 4 : **Properties of Binary Tree**

Lesson 5 : **Types of Binary Tree**

Lesson 6 : **Binary Tree Level Order Insertion | Binary Tree Insertion | C**

Lesson 7 : **Deletion in Binary Tree | Delete a node in Single Traversal**

Lesson 8 : **Tree Traversals | Inorder | PreOrder | PostOrder | Level Order**

Lesson 9 : **Inorder Traversal without Recursion | Binary Tree | Using Stack**

Lesson 10 : **Sum of Left Leaves | LeetCode 404 | C Java Python**

Lesson 11 :
LeetCode 30 day Challenge | Day 11 | Diameter of Binary Tree | 11 April 2020 | LeetCode 543

Lesson 12 :
Binary Search Tree from Preorder traversal | LeetCode 1008 | C Java Python | May Challenge 24

Lesson 13 :
Binary Tree Maximum Path Sum | C Java Python | 30 day Challenge | Day 29 | LeetCode 124

Lesson 14 :
Check If a String Is a Valid Sequence from Root to Leaves Path in a Binary Tree | Day 30 LeetCode

Lesson 15 :
Check If a String Is a Valid Sequence from Root to Leaves Path in a Binary Tree | Day 30 LeetCode

Lesson 16 : **Cousins in Binary Tree | LeetCode 169 | C Java Python | May LeetCoding Day 7**

Lesson 17 : **kth Smallest Element in a BST | LeetCode 230 | C Java Python | May LeetCoding Day 20**

Lesson 18 :
Invert Binary Tree | LeetCode 226 | C Java Python | Convert Binary Tree to its Mirror Image

Lesson 19 : **Search in a Binary Search Tree | LeetCode 700 | C Java Python | BST**

Lesson 20 : **Count Complete Tree Nodes | LeetCode 222 | C Java Python**

Lesson 21 : **Count Unique Binary Search Trees | LeetCode 96 | C Java Python | Catalan Number**

Lesson 22 : **Sum Root to Leaf Numbers | LeetCode 129 | C Java Python**

Lesson 23 : **Binary Tree Level Order Traversal ii | LeetCode 107 | C Java Python**

Lesson 24 : **Maximum Width of Binary Tree | LeetCode 662 | C Python**

Lesson 25 : **Same Tree | LeetCode 100 | C Java Python**

Lesson 26 : **Binary Tree Zigzag Level Order Traversal | LeetCode 103 | C**

Lesson 27 :
Construct Binary Tree from Inorder and Postorder Traversal | LeetCode 106 | C Java Python3

Lesson 28 : **Vertical Order Traversal of a Binary Tree | LeetCode 987 | C Python**

Lesson 29 : **Path Sum iii | LeetCode 437 | C Java Python**

Lesson 30 : **Delete Node in a BST | LeetCode 952 | C Java Python**

Lesson 31 : **All Elements in Two Binary Search Trees | LeetCode 1305 | C Java Python**

Lesson 32 : **Sum of Root To Leaf Binary Numbers | LeetCode 1022 | C Java Python**

Lesson 33 : **Maximum Depth of Binary Tree | LeetCode 104 | C Java Python**

Lesson 34 : **Binary tree Tilt | LeetCode 563 | C Java Python**

Lesson 35 : **Convert Sorted List to Binary Search Tree BST | LeetCode 109 | C Java Python**

Lesson 36 : **Binary Tree Level Order Traversal | LeetCode 102 | C Python**

Lesson 37 : **Binary Tree Pruning | LeetCode 814 | C Java Python**

Lesson 38 : **Range Sum of BST | LeetCode 938 | C**

Lesson 39 : **Insert into a Binary Search Tree | LeetCode 701 | C**

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