TREES

INDEX

15.Given an expression tree, evaluate the expression and obtain a paranthesized form of the expression.

16.How do you convert a tree into an array?

17.Tree Traversals

18.Lowest Common Ancestor in a Binary Search Tree.

19.Level Order Tree Traversal

20.Program to count leaf nodes in a binary tree

21.Level order traversal in spiral form

22.Check for Children Sum Property in a Binary Tree.

23.Convert an arbitrary Binary Tree to a tree that holds Children Sum Property

24.Diameter of a Binary Tree

25.How to determine if a binary tree is height-balanced?

26.Inorder Tree Traversal without Recursion

27.Inorder Tree Traversal without recursion and without stack!

28.Construct Tree from given Inorder and Preorder traversals

29.Maximum width of a binary tree

30.Foldable Binary Trees

31.Print nodes at k distance from root

32.Sorted order printing of a given array that represents a BST

33.Applications of tree data structure

34.Inorder Successor in Binary Search Tree

35.Get Level of a node in a Binary Tree

36.Print Ancestors of a given node in Binary Tree

37.Print BST keys in the given range

38.Tournament Tree (Winner Tree) and Binary Heap

39.Check if a given Binary Tree is SumTree

40.Decision Trees – Fake (Counterfeit) Coin Puzzle

41.Check if a binary tree is subtree of another binary tree

42.Trie | (Insert and Search)

43.Trie | (Delete)

44.Connect nodes at same level

45.Connect nodes at same level using constant extra space

46.Sorted Linked List to Balanced BST