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Construct BST from given preorder traversal | Set 2

October 11, 2012

19 Comments | Filed under Trees

Given preorder traversal of a binary search tree, construct the BST. For example, if the given traversal is {10, 5, 1, 7, 40, 50}, then the output should be root of following tree.

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Construct BST from given preorder traversal | Set 1

28 Comments | Filed under Trees

Given preorder traversal of a binary search tree, construct the BST. For example, if the given traversal is {10, 5, 1, 7, 40, 50}, then the output should be root of following tree.

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Construct Full Binary Tree from given preorder and postorder traversals

October 5, 2012

34 Comments | Filed under Trees

Given two arrays that represent preorder and postorder traversals of a full binary tree, construct the binary tree.

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Two nodes of a BST are swapped, correct the BST

September 14, 2012

34 Comments | Filed under [Trees](#)

Two of the nodes of a Binary Search Tree (BST) are swapped. Fix (or correct) the BST.

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Boundary Traversal of binary tree

September 12, 2012

61 Comments | Filed under [Trees](#)

Given a binary tree, print boundary nodes of the binary tree Anti-Clockwise starting from the root. For example, boundary traversal of the following tree is "20 8 4 10 14 25 22"

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Check whether a given Binary Tree is Complete or not

September 6, 2012

37 Comments | Filed under [Trees](#)

Given a Binary Tree, write a function to check whether the given Binary Tree is Complete Binary Tree or not.

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Check if each internal node of a BST has exactly one child

August 5, 2012

46 Comments | Filed under [Trees](#)

Given Preorder traversal of a BST, check if each non-leaf node has only one child. Assume that the BST contains unique entries.

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Geometric Algorithms



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```
System.Drawing.Color
{
    public float GetSaturation()
    {
        float r = (float)this.R / 255f;
        float g = (float)this.G / 255f;
        float b = (float)this.B / 255f;
        float single = 0f;
        float single1 = r;
        float single2 = r;
    }
}
```

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[Sorted Linked List to Balanced BST](#)

Construct a special tree from given preorder traversal

July 28, 2012

[20 Comments](#) | Filed under [Trees](#)

Given an array 'pre[]' that represents Preorder traversal of a special binary tree where every node has either 0 or 2 children. One more array 'preLN[]' is given which has only two possible values 'L' and 'N'.

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Construct Special Binary Tree from given Inorder traversal

July 6, 2012

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Given Inorder Traversal of a Special Binary Tree in which key of every node is greater than keys in left and right children, construct the Binary Tree and return root.

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Binary Tree to Binary Search Tree Conversion

June 15, 2012

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Given a Binary Tree, convert it to a Binary Search Tree. The conversion must be done in such a way that keeps the original structure of Binary Tree.

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Merge two BSTs with limited extra space

June 1, 2012

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Given two Binary Search Trees(BST), print the elements of both BSTs in sorted form. The expected time complexity is $O(m+n)$

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Find the maximum sum leaf to root path in a Binary Tree

44 Comments | Filed under [Trees](#)

Given a Binary Tree, find the maximum sum path from a leaf to root.

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Merge Two Balanced Binary Search Trees

11 Comments | Filed under [Trees](#)

You are given two balanced binary search trees e.g., AVL or Red Black Tree. Write a function that merges the two given balanced BSTs into a balanced binary search tree.

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AVL Tree | Set 2 (Deletion)

16 Comments | Filed under [Trees](#)

We have discussed AVL insertion in the previous post. In this post, we will follow a similar approach for deletion.

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April 6, 2012

March 30, 2012

March 11, 2012

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affizerv Your example has two 4s on row 3, that's why it...

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@meya Working solution for question 2 of 4f2f round....

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sandeep void rearrange(struct node *head)
{...

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Neha I think that is what it should return as, in...


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