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#### Construct BST from given preorder traversal | Set 2

October 11, 2012

October 5, 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.

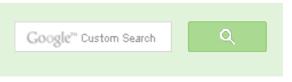
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# Construct Full Binary Tree from given preorder and postorder traversals

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 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

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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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Lowest Common Ancestor in a BST.

Check if a binary tree is BST or not

Sorted Linked List to Balanced BST

### Construct a special tree from given preorder traversal

July 28, 2012

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Given an array 'pre[]' that represents Preorder traversal of a spacial 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

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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

April 6, 2012





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

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#### Merge Two Balanced Binary Search Trees

March 30, 2012

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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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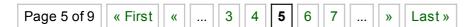
#### AVL Tree | Set 2 (Deletion)

March 11, 2012

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

Backtracking | Set 7 (Sudoku) · 32 minutes ago

**RVM** Can someone please elaborate this Qs from above...

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Vishal Gupta I talked about as an Interviewer in general,...

Software Engineering Lab, Samsung Interview | Set 2 · 52 minutes ago

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

Amazon Interview | Set 53 (For SDE-1) · 1 hour ago

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

Given a linked list, reverse alternate nodes and

append at the end  $\cdot$  2 hours ago

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

Find depth of the deepest odd level leaf node  $\cdot$  2

hours ago



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