Print a Binary Tree in Vertical Order | Set 2 (Hashmap based Method)

April 11, 2014

12 Comments | Filed under Trees

Given a binary tree, print it vertically. The following example illustrates vertical order traversal.

Read More »

Print Right View of a Binary Tree

April 5, 2014

16 Comments | Filed under Trees

Given a Binary Tree, print Right view of it. Right view of a Binary Tree is set of nodes visible when tree is visited from Right side.

Read More »

Red-Black Tree | Set 3 (Delete)

April 1, 2014

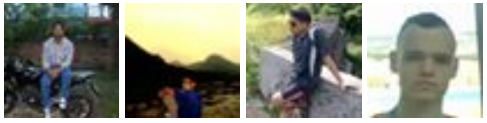
1 Comment | Filed under Trees

We have discussed following topics on Red-Black tree in previous posts. We strongly recommend to refer following post as prerequisite of this post.

Read More »

Construct a tree from Inorder and Level order

March 31, 2014



traversals

18 Comments | Filed under Trees

Given inorder and level-order traversals of a Binary Tree, construct the Binary Tree. Following is an example to illustrate the problem.

Read More »

Print all nodes at distance k from a given node

March 25, 2014

14 Comments | Filed under Trees

Given a binary tree, a target node in the binary tree, and an integer value k, print all the nodes that are at distance k from the given target node. No parent pointers are available.

Read More »

Print a Binary Tree in Vertical Order | Set 1

March 20, 2014

9 Comments | Filed under Trees

Given a binary tree, print it vertically. The following example illustrates vertical order traversal.

Read More »

Interval Tree

March 19, 2014

7 Comments | Filed under Trees

Consider a situation where we have a set of intervals and we need following operations to be implemented efficiently.

Read More »

Check if a given Binary Tree is height balanced like a

February 27, 2014

Geometric Algorithms

Popular Posts

Red-Black Tree

6 Comments | Filed under Trees

In a Red-Black Tree, the maximum height of a node is at most twice the minimum height

Read More »

Print all nodes that are at distance k from a leaf node

February 25, 2014

73 Comments | Filed under Trees

Given a Binary Tree and a positive integer k, print all nodes that are distance k from a leaf node.

Read More »

Find distance between two given keys of a Binary Tree

February 23, 2014

21 Comments | Filed under Trees

Find the distance between two keys in a binary tree, no parent pointers are given.

Read More »

Lowest Common Ancestor in a Binary Tree | Set 1

February 22, 2014

18 Comments | Filed under Trees

Given a binary tree (not a binary search tree) and two values say n1 and n2, write a program to find the least common ancestor.

Read More »

Print all nodes that don't have sibling

February 20, 2014

15 Comments | Filed under Trees

Given a Binary Tree, print all nodes that don't have a sibling (a sibling is a node that has same

parent. In a Binary Tree, there can be at most one sibling).

Read More »

Convert a given Binary Tree to Doubly Linked List | Set 3

February 17, 2014

14 Comments | Filed under Trees

Given a Binary Tree (BT), convert it to a Doubly Linked List(DLL) In-Place. The left and right pointers in nodes are to be used as previous and next pointers respectively in converted DLL.

Read More »

Red-Black Tree | Set 2 (Insert)

February 16, 2014

6 Comments | Filed under Trees

In the previous post, we discussed introduction to Red-Black Trees. In this post, insertion is discussed.

Read More »

Page 1 of 9 **1** 2 3 4 5 ... » Last »

Recent Comments

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

Backtracking | Set 7 (Sudoku) · 25 minutes ago

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

Flipkart Interview | Set 6 · 45 minutes ago

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

Software Engineering Lab, Samsung Interview | Set 2 · 45 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 · 2 hours ago

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

in...

Find depth of the deepest odd level leaf node · 2 hours ago