Red-Black Tree | Set 1 (Introduction)

February 4, 2014

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Red-Black Tree is a self-balancing Binary Search Tree (BST) where every node follows following rules.

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Sum of all the numbers that are formed from root to leaf paths

January 21, 2014

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Splay Tree | Set 2 (Insert)

January 16, 2014

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It is recommended to refer following post as prerequisite of this post. Splay Tree | Set 1 (Search)

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Splay Tree | Set 1 (Search)

January 14, 2014

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The worst case time complexity of Binary Search Tree (BST) operations like search, delete, insert is O(n). The worst case occurs when the tree is skewed. We can get the worst case time complexity as O(Logn) with AVL and Red-Black Trees.

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Find next right node of a given key

December 18, 2013

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Deepest left leaf node in a binary tree

December 1, 2013

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Add all greater values to every node in a given BST

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Given Inorder and Preorder traversals of a binary tree, print Postorder traversal.

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