

Dec 28, 2018 12:06 AM, if — twice, just black it

Finish these two page, 23 probelms on 28. Fighting.

3

Input: [3,1,4,null,null,2]

4 2 Pre-order 99 Recover Binary Search Tree (/prot ch-tree) Output: [2,1,4,null,null,3] def recoverTree(self, root): Two possibilities: 2 1. Two 错位 6, 3, 4, 5, 2 /\ 2. One 错位, as the 1 4 example, 1 3 2 4 constant space one pass dislocation 3 Dec 28, 2018 2:48 AM

if cur.val < prev.val:
 if first == None:
 first = prev
 if first != None:
 second = cur</pre>

105 Construct Binary Tree from Preorder and Inorder Traversal

The solution didn't use recursion.

106 Construct Binary Tree from Inorder and Postorder Traversal (/problems/construct-binary-tree-from-inorder-and-postorder-traversal)

✓ 111 Minimum Depth of Binary Tree
 ✓ 15 7 Dec 28, 2018 2:57 AM
 ✓ 114 Flatten Binary Tree to Linked List
 ✓ 117 Populating Next Right Pointers in Each Node II (, 2 -> 3 -> NULL right-pointers-in-each-node-ii) Can skip
 ✓ 124 Binary Tree Maximum Path Sum

if cur.left == None and cur.right == None:
 return height + 1

self.flatten(root.right)
self.flatten(root.left)
root.right = self.prev
root.left = None
self.prev = root

ng for i in range(size):
 cur = dq.popleft()
 if cur.left != None:
 dq.append(cur.left)
 if cur.right != None:
 dq.append(cur.right)

for i in range(len(dq) - 1):
 dq[i].next = dq[i+1]

Output: 42

Input: [1,2,3] Input: [-10,9,20,null,null,15,7]

nary-tree-right-side-view)

return 2, BFS 遇到叶节点

199 <u>Binary Tree Right Side View</u> (/problems/binary-tree-right-side-view)

Carrskip

Output: 6

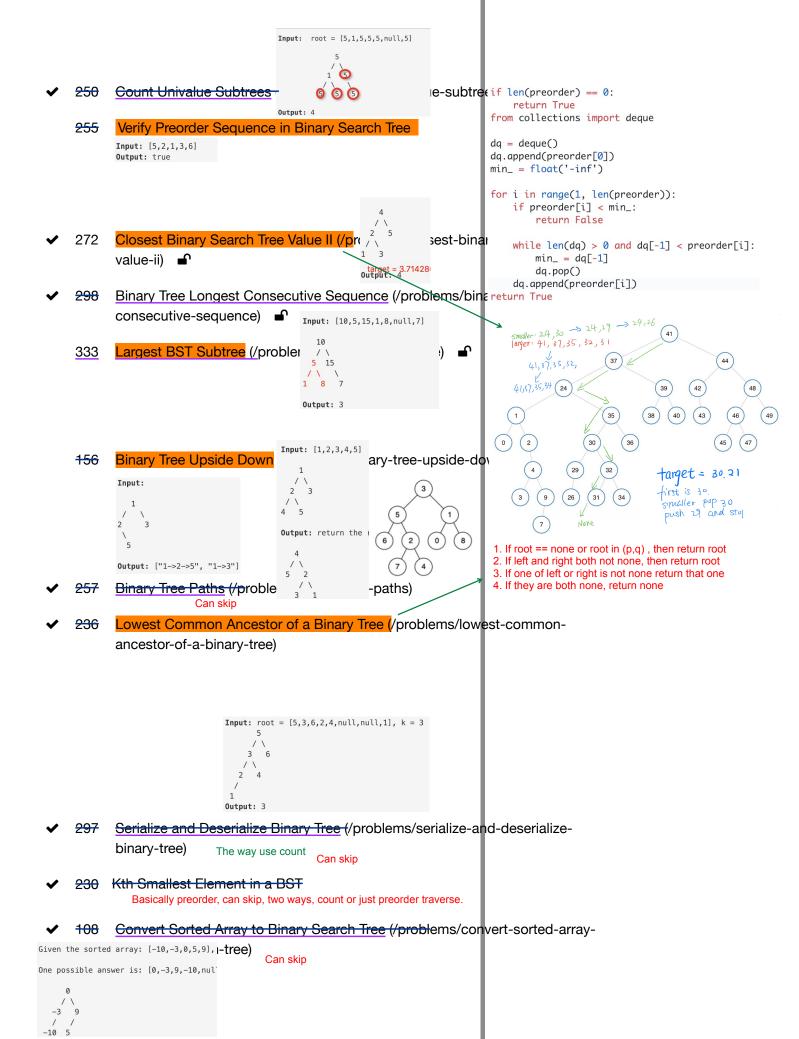
222 Count Complete Tree Nodes (/problems/count-complete-tree-nodes)

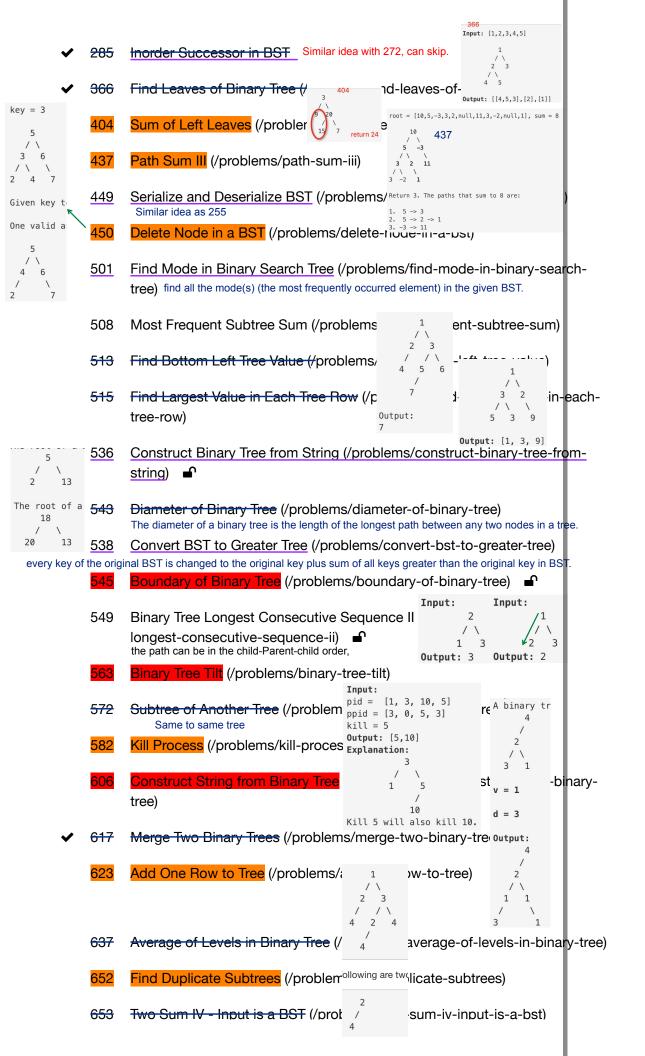
In a complete binary tree every level, except possibly the last, is completely filled, and all nodes in the last level are as far left as possible. It can have between 1 and 2h nodes inclusive at the last level h.

Utilize left depth and right

depth, if they're same, return (1 << leftDepth) - 1

Output: 6





	654	Maximum Binary Tree (/problems/maximum-binary-tree)
	655	Print Binary Tree (/problems/print-binary-tree)
	662	Maximum Width of Binary Tree (/problems/maximum-width-of-binary-tree)
	663	Equal Tree Partition (/problems/equal-tree-partition)
	666	Path Sum IV (/problems/path-sum-iv)
~	669	Trim a Binary Search Tree (/problems/trim-a-binary-search-tree)
	671	Second Minimum Node In a Binary Tree (/problems/second-minimum-node-in-a-binary-tree)
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	426	Convert Binary Search Tree to Sorted Doubly Linked List (/problems/convert-binary-search-tree-to-sorted-doubly-linked-list)
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	590	N-ary Tree Postorder Traversal (/problems/n-ary-tree-postorder-traversal)
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	559	Maximum Depth of N-ary Tree (/problems/maximum-depth-of-n-ary-tree)
	431	Encode N-ary Tree to Binary Tree (/problems/encode-n-ary-tree-to-binary-tree) ■
	428	Serialize and Deserialize N-ary Tree (/problems/serialize-and-deserialize-n-ary-tree) ?

872	Leaf-Similar Trees (/problems/leaf-similar-trees)
889	Construct Binary Tree from Preorder and Postorder Traversal (/problems/construct-binary-tree-from-preorder-and-postorder-traversal)
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951	Flip Equivalent Binary Trees (/problems/flip-equivalent-binary-trees)
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