

Binary Tree

Problems

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#	Title	Acceptance	Difficulty	Frequency
✓ 94	Binary Tree Inorder Traversal (/problems/binary-tree-inorder-traversal)	72.9%	Easy	
95	Unique Binary Search Trees II (/problems/unique-binary-search-trees-ii)	51.4%	Medium	
96	Unique Binary Search Trees (/problems/unique-binary-search-trees)	59.2%	Medium	
✓ 98	Validate Binary Search Tree (/problems/validate-binary-search-tree)	31.7%	Medium	
99	Recover Binary Search Tree (/problems/recover-binary-search-tree)	50.2%	Medium	
✓ 100	Same Tree (/problems/same-tree)	56.3%	Easy	
✓ 101	Symmetric Tree (/problems/symmetric-tree)	52.8%	Easy	
✓ 102	Binary Tree Level Order Traversal (/problems/binary-tree-level-order-traversal)	63.1%	Medium	
✓ 103	Binary Tree Zigzag Level Order Traversal (/problems/binary-tree-zigzag-level-order-traversal)	55.0%	Medium	
✓ 104	Maximum Depth of Binary Tree (/problems/maximum-depth-of-binary-tree)	73.0%	Easy	
✓ 105	Construct Binary Tree from Preorder and Inorder Traversal (/problems/construct-binary-tree-from-preorder-and-inorder-traversal)	60.6%	Medium	
✓ 106	Construct Binary Tree from Inorder and Postorder Traversal (/problems/construct-binary-tree-from-inorder-and-postorder-traversal)	57.3%	Medium	
✓ 107	Binary Tree Level Order Traversal II (/problems/binary-tree-level-order-traversal-ii)	60.2%	Medium	
✓ 108	Convert Sorted Array to Binary Search Tree (/problems/convert-sorted-array-to-binary-search-tree)	68.9%	Easy	
✓ 109	Convert Sorted List to Binary Search Tree (/problems/convert-sorted-list-to-binary-search-tree)	57.2%	Medium	
✓ 110	Balanced Binary Tree (/problems/balanced-binary-tree)	48.1%	Easy	
✓ 111	Minimum Depth of Binary Tree (/problems/minimum-depth-of-binary-tree)	43.5%	Easy	
✓ 112	Path Sum (/problems/path-sum)	47.5%	Easy	
✓ 113	Path Sum II (/problems/path-sum-ii)	56.5%	Medium	
114	Flatten Binary Tree to Linked List (/problems/flatten-binary-tree-to-linked-list)	61.0%	Medium	
116	Populating Next Right Pointers in Each Node (/problems/populating-next-right-pointers-in-each-node)	59.3%	Medium	
117	Populating Next Right Pointers in Each Node II (/problems/populating-next-right-pointers-in-each-node-ii)	49.6%	Medium	
? 124	Binary Tree Maximum Path Sum (/problems/binary-tree-maximum-path-sum)	38.4%	Hard	
✓ 129	Sum Root to Leaf Numbers (/problems/sum-root-to-leaf-numbers)	58.6%	Medium	
✓ 144	Binary Tree Preorder Traversal (/problems/binary-tree-preorder-traversal)	64.5%	Easy	
✓ 145	Binary Tree Postorder Traversal (/problems/binary-tree-postorder-traversal)	66.4%	Easy	
156	Binary Tree Upside Down (/problems/binary-tree-upside-down)	61.5%	Medium	
173	Binary Search Tree Iterator (/problems/binary-search-tree-iterator)	68.9%	Medium	
✓ 199	Binary Tree Right Side View (/problems/binary-tree-right-side-view)	61.1%	Medium	
✓ 222	Count Complete Tree Nodes (/problems/count-complete-tree-nodes)	57.3%	Medium	

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✓ 226	Invert Binary Tree (/problems/invert-binary-tree)	73.1%	Easy	
✓ 230	Kth Smallest Element in a BST (/problems/kth-smallest-element-in-a-bst)	69.2%	Medium	
✓ 235	Lowest Common Ancestor of a Binary Search Tree (/problems/lowest-common-ancestor-of-a-binary-search-tree)	60.1%	Medium	
✓ 236	Lowest Common Ancestor of a Binary Tree (/problems/lowest-common-ancestor-of-a-binary-tree)	57.9%	Medium	
250	Count Univalued Subtrees (/problems/count-univalued-subtrees)	55.2%	Medium	
255	Verify Preorder Sequence in Binary Search Tree (/problems/verify-preorder-sequence-in-binary-search-tree)	48.0%	Medium	
✓ 257	Binary Tree Paths (/problems/binary-tree-paths)	60.4%	Easy	
270	Closest Binary Search Tree Value (/problems/closest-binary-search-tree-value)	54.5%	Easy	
272	Closest Binary Search Tree Value II (/problems/closest-binary-search-tree-value-ii)	58.2%	Hard	
285	Inorder Successor in BST (/problems/inorder-successor-in-bst)	48.2%	Medium	
✓ 297	Serialize and Deserialize Binary Tree (/problems/serialize-and-deserialize-binary-tree)	54.9%	Hard	
298	Binary Tree Longest Consecutive Sequence (/problems/binary-tree-longest-consecutive-sequence)	52.5%	Medium	
314	Binary Tree Vertical Order Traversal (/problems/binary-tree-vertical-order-traversal)	52.0%	Medium	
331	Verify Preorder Serialization of a Binary Tree (/problems/verify-preorder-serialization-of-a-binary-tree)	44.2%	Medium	
333	Largest BST Subtree (/problems/largest-bst-subtree)	42.3%	Medium	
337	House Robber III (/problems/house-robber-iii)	53.8%	Medium	
366	Find Leaves of Binary Tree (/problems/find-leaves-of-binary-tree)	80.1%	Medium	
404	Sum of Left Leaves (/problems/sum-of-left-leaves)	56.1%	Easy	
437	Path Sum III (/problems/path-sum-iii)	48.8%	Medium	
449	Serialize and Deserialize BST (/problems/serialize-and-deserialize-bst)	56.7%	Medium	
✓ 450	Delete Node in a BST (/problems/delete-node-in-a-bst)	49.9%	Medium	
501	Find Mode in Binary Search Tree (/problems/find-mode-in-binary-search-tree)	48.5%	Easy	
508	Most Frequent Subtree Sum (/problems/most-frequent-subtree-sum)	64.2%	Medium	
510	Inorder Successor in BST II (/problems/inorder-successor-in-bst-ii)	61.1%	Medium	
513	Find Bottom Left Tree Value (/problems/find-bottom-left-tree-value)	66.3%	Medium	
515	Find Largest Value in Each Tree Row (/problems/find-largest-value-in-each-tree-row)	64.6%	Medium	
530	Minimum Absolute Difference in BST (/problems/minimum-absolute-difference-in-bst)	56.7%	Easy	
536	Construct Binary Tree from String (/problems/construct-binary-tree-from-string)	56.1%	Medium	
538	Convert BST to Greater Tree (/problems/convert-bst-to-greater-tree)	67.3%	Medium	
✓ 543	Diameter of Binary Tree (/problems/diameter-of-binary-tree)	55.9%	Easy	
545	Boundary of Binary Tree (/problems/boundary-of-binary-tree)	44.2%	Medium	
549	Binary Tree Longest Consecutive Sequence II (/problems/binary-tree-longest-consecutive-sequence-ii)	49.5%	Medium	
563	Binary Tree Tilt (/problems/binary-tree-tilt)	59.3%	Easy	
✓ 572	Subtree of Another Tree (/problems/subtree-of-another-tree)	45.9%	Easy	
✓ 606	Construct String from Binary Tree (/problems/construct-string-from-binary-tree)	63.5%	Easy	
617	Merge Two Binary Trees (/problems/merge-two-binary-trees)	78.5%	Easy	
623	Add One Row to Tree (/problems/add-one-row-to-tree)	59.4%	Medium	
✓ 637	Average of Levels in Binary Tree (/problems/average-of-levels-in-binary-tree)	71.6%	Easy	

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652	Find Duplicate Subtrees (/problems/find-duplicate-subtrees)	56.4%	Medium	
653	Two Sum IV - Input is a BST (/problems/two-sum-iv-input-is-a-bst)	60.9%	Easy	
✓ 654	Maximum Binary Tree (/problems/maximum-binary-tree)	84.4%	Medium	
655	Print Binary Tree (/problems/print-binary-tree)	61.3%	Medium	
✓ 662	Maximum Width of Binary Tree (/problems/maximum-width-of-binary-tree)	40.6%	Medium	
663	Equal Tree Partition (/problems/equal-tree-partition)	41.4%	Medium	
666	Path Sum IV (/problems/path-sum-iv)	59.1%	Medium	
669	Trim a Binary Search Tree (/problems/trim-a-binary-search-tree)	66.3%	Medium	
✓ 671	Second Minimum Node In a Binary Tree (/problems/second-minimum-node-in-a-binary-tree)	44.0%	Easy	
687	Longest Univalue Path (/problems/longest-univalue-path)	40.1%	Medium	
742	Closest Leaf in a Binary Tree (/problems/closest-leaf-in-a-binary-tree)	45.8%	Medium	
426	Convert Binary Search Tree to Sorted Doubly Linked List (/problems/convert-binary-search-tree-to-sorted-doubly-linked-list)	64.6%	Medium	
431	Encode N-ary Tree to Binary Tree (/problems/encode-n-ary-tree-to-binary-tree)	78.6%	Hard	
✓ 700	Search in a Binary Search Tree (/problems/search-in-a-binary-search-tree)	77.1%	Easy	
✓ 701	Insert into a Binary Search Tree (/problems/insert-into-a-binary-search-tree)	74.6%	Medium	
703	Kth Largest Element in a Stream (/problems/kth-largest-element-in-a-stream)	55.5%	Easy	
776	Split BST (/problems/split-bst)	58.7%	Medium	
783	Minimum Distance Between BST Nodes (/problems/minimum-distance-between-bst-nodes)	56.8%	Easy	
814	Binary Tree Pruning (/problems/binary-tree-pruning)	72.6%	Medium	
✓ 863	All Nodes Distance K in Binary Tree (/problems/all-nodes-distance-k-in-binary-tree)	62.1%	Medium	
✓ 865	Smallest Subtree with all the Deepest Nodes (/problems/smallest-subtree-with-all-the-deepest-nodes)	68.5%	Medium	
872	Leaf-Similar Trees (/problems/leaf-similar-trees)	65.2%	Easy	
889	Construct Binary Tree from Preorder and Postorder Traversal (/problems/construct-binary-tree-from-preorder-and-postorder-traversal)	70.7%	Medium	
894	All Possible Full Binary Trees (/problems/all-possible-full-binary-trees)	80.0%	Medium	
897	Increasing Order Search Tree (/problems/increasing-order-search-tree)	78.4%	Easy	
919	Complete Binary Tree Inserter (/problems/complete-binary-tree-inserter)	64.9%	Medium	
938	Range Sum of BST (/problems/range-sum-of-bst)	85.3%	Easy	
951	Flip Equivalent Binary Trees (/problems/flip-equivalent-binary-trees)	66.8%	Medium	
958	Check Completeness of a Binary Tree (/problems/check-completeness-of-a-binary-tree)	53.8%	Medium	
965	Univalued Binary Tree (/problems/univalued-binary-tree)	69.3%	Easy	
968	Binary Tree Cameras (/problems/binary-tree-cameras)	46.8%	Hard	
971	Flip Binary Tree To Match Preorder Traversal (/problems/flip-binary-tree-to-match-preorder-traversal)	49.9%	Medium	
979	Distribute Coins in Binary Tree (/problems/distribute-coins-in-binary-tree)	72.0%	Medium	
✓ 987	Vertical Order Traversal of a Binary Tree (/problems/vertical-order-traversal-of-a-binary-tree)	44.6%	Hard	
988	Smallest String Starting From Leaf (/problems/smallest-string-starting-from-leaf)	49.6%	Medium	
993	Cousins in Binary Tree (/problems/cousins-in-binary-tree)	54.1%	Easy	
998	Maximum Binary Tree II (/problems/maximum-binary-tree-ii)	66.3%	Medium	
✓ 1008	Construct Binary Search Tree from Preorder Traversal (/problems/construct-binary-search-tree-from-preorder-traversal)	80.9%	Medium	

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1022	Sum of Root To Leaf Binary Numbers (/problems/sum-of-root-to-leaf-binary-numbers)	73.8%	Easy	
1120	Maximum Average Subtree (/problems/maximum-average-subtree) 	65.5%	Medium	
1026	Maximum Difference Between Node and Ancestor (/problems/maximum-difference-between-node-and-ancestor)	73.4%	Medium	
1028	Recover a Tree From Preorder Traversal (/problems/recover-a-tree-from-preorder-traversal)	72.8%	Hard	
1038	Binary Search Tree to Greater Sum Tree (/problems/binary-search-tree-to-greater-sum-tree)	85.3%	Medium	
✓ 1161	Maximum Level Sum of a Binary Tree (/problems/maximum-level-sum-of-a-binary-tree)	66.2%	Medium	
1214	Two Sum BSTs (/problems/two-sum-bsts) 	66.2%	Medium	
1080	Insufficient Nodes in Root to Leaf Paths (/problems/insufficient-nodes-in-root-to-leaf-paths)	52.8%	Medium	
1104	Path In Zigzag Labelled Binary Tree (/problems/path-in-zigzag-labelled-binary-tree)	74.9%	Medium	
1110	Delete Nodes And Return Forest (/problems/delete-nodes-and-return-forest)	69.4%	Medium	
✓ 1123	Lowest Common Ancestor of Deepest Leaves (/problems/lowest-common-ancestor-of-deepest-leaves)	70.6%	Medium	
1315	Sum of Nodes with Even-Valued Grandparent (/problems/sum-of-nodes-with-even-valued-grandparent)	85.6%	Medium	
1145	Binary Tree Coloring Game (/problems/binary-tree-coloring-game)	51.4%	Medium	
✓ 1302	Deepest Leaves Sum (/problems/deepest-leaves-sum)	87.0%	Medium	
1361	Validate Binary Tree Nodes (/problems/validate-binary-tree-nodes)	40.4%	Medium	
1382	Balance a Binary Search Tree (/problems/balance-a-binary-search-tree)	80.7%	Medium	
1261	Find Elements in a Contaminated Binary Tree (/problems/find-elements-in-a-contaminated-binary-tree)	76.0%	Medium	
1305	All Elements in Two Binary Search Trees (/problems/all-elements-in-two-binary-search-trees)	79.8%	Medium	
1430	Check If a String Is a Valid Sequence from Root to Leaves Path in a Binary Tree (/problems/check-if-a-string-is-a-valid-sequence-from-root-to-leaves-path-in-a-binary-tree) 	46.1%	Medium	
1325	Delete Leaves With a Given Value (/problems/delete-leaves-with-a-given-value)	74.8%	Medium	
1339	Maximum Product of Splitted Binary Tree (/problems/maximum-product-of-splitted-binary-tree)	43.3%	Medium	
1372	Longest ZigZag Path in a Binary Tree (/problems/longest-zigzag-path-in-a-binary-tree)	59.6%	Medium	
1373	Maximum Sum BST in Binary Tree (/problems/maximum-sum-bst-in-binary-tree)	39.1%	Hard	
1367	Linked List in Binary Tree (/problems/linked-list-in-binary-tree)	43.4%	Medium	
1379	Find a Corresponding Node of a Binary Tree in a Clone of That Tree (/problems/find-a-corresponding-node-of-a-binary-tree-in-a-clone-of-that-tree)	87.1%	Easy	
✓ 1448	Count Good Nodes in Binary Tree (/problems/count-good-nodes-in-binary-tree)	74.6%	Medium	
✓ 1457	Pseudo-Palindromic Paths in a Binary Tree (/problems/pseudo-palindromic-paths-in-a-binary-tree)	68.1%	Medium	
1469	Find All The Lonely Nodes (/problems/find-all-the-lonely-nodes) 	81.7%	Easy	
1485	Clone Binary Tree With Random Pointer (/problems/clone-binary-tree-with-random-pointer) 	79.5%	Medium	
1530	Number of Good Leaf Nodes Pairs (/problems/number-of-good-leaf-nodes-pairs)	60.5%	Medium	
1569	Number of Ways to Reorder Array to Get Same BST (/problems/number-of-ways-to-reorder-array-to-get-same-bst)	48.4%	Hard	
1586	Binary Search Tree Iterator II (/problems/binary-search-tree-iterator-ii) 	70.8%	Medium	
1609	Even Odd Tree (/problems/even-odd-tree)	53.6%	Medium	
1597	Build Binary Expression Tree From Infix Expression (/problems/build-binary-expression-tree-from-infix-expression) 	62.1%	Hard	
1602	Find Nearest Right Node in Binary Tree (/problems/find-nearest-right-node-in-binary-tree) 	75.3%	Medium	

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1612	Check If Two Expression Trees are Equivalent (/problems/check-if-two-expression-trees-are-equivalent) 	69.8%	Medium	
1628	Design an Expression Tree With Evaluate Function (/problems/design-an-expression-tree-with-evaluate-function) 	82.6%	Medium	
1644	Lowest Common Ancestor of a Binary Tree II (/problems/lowest-common-ancestor-of-a-binary-tree-ii) 	59.3%	Medium	
1650	Lowest Common Ancestor of a Binary Tree III (/problems/lowest-common-ancestor-of-a-binary-tree-iii) 	77.3%	Medium	
1660	Correct a Binary Tree (/problems/correct-a-binary-tree) 	72.5%	Medium	
1666	Change the Root of a Binary Tree (/problems/change-the-root-of-a-binary-tree) 	69.4%	Medium	
1676	Lowest Common Ancestor of a Binary Tree IV (/problems/lowest-common-ancestor-of-a-binary-tree-iv) 	79.3%	Medium	
1740	Find Distance in a Binary Tree (/problems/find-distance-in-a-binary-tree) 	68.7%	Medium	
1902	Depth of BST Given Insertion Order (/problems/depth-of-bst-given-insertion-order) 	45.0%	Medium	
1932	Merge BSTs to Create Single BST (/problems/merge-bsts-to-create-single-bst)	35.2%	Hard	
1973	Count Nodes Equal to Sum of Descendants (/problems/count-nodes-equal-to-sum-of-descendants) 	75.3%	Medium	
2005	Subtree Removal Game with Fibonacci Tree (/problems/subtree-removal-game-with-fibonacci-tree) 	62.8%	Hard	
2049	Count Nodes With the Highest Score (/problems/count-nodes-with-the-highest-score)	47.1%	Medium	
2096	Step-By-Step Directions From a Binary Tree Node to Another (/problems/step-by-step-directions-from-a-binary-tree-node-to-another)	48.8%	Medium	
2196	Create Binary Tree From Descriptions (/problems/create-binary-tree-from-descriptions)	72.0%	Medium	
2265	Count Nodes Equal to Average of Subtree (/problems/count-nodes-equal-to-average-of-subtree)	85.6%	Medium	
✓ 2236	Root Equals Sum of Children (/problems/root-equals-sum-of-children)	87.6%	Easy	
2313	Minimum Flips in Binary Tree to Get Result (/problems/minimum-flips-in-binary-tree-to-get-result) 	67.5%	Hard	
✓ 2385	Amount of Time for Binary Tree to Be Infected (/problems/amount-of-time-for-binary-tree-to-be-infected)	56.0%	Medium	
2415	Reverse Odd Levels of Binary Tree (/problems/reverse-odd-levels-of-binary-tree)	75.7%	Medium	