Interview Practice Problems

1. Binary Tree from Parent Array

[https://www.codingninjas.com/codestudio/problems/binary-tree-from-parent-array_873336]
Companies: Traveloka

2. Maximum Width In Binary Tree

[https://www.codingninjas.com/codestudio/problems/maximum-width-in-binary-tree_763671]
Companies: Amazon, Flipkart, Microsoft

3. Print Leaf Nodes

[https://www.codingninjas.com/codestudio/problems/print-leaf-nodes_631160]
Companies: Samsung, DirectI

4. Diagonal Anagram

[https://www.codingninjas.com/codestudio/problems/diagonal-anagram_794951]
Companies: Walmart, Visa

5. Time to Burn Tree

[https://www.codingninjas.com/codestudio/problems/time-to-burn-tree_630563]
Companies: Zomato

6. Maximum sum path from the leaf to root

[https://www.codingninjas.com/codestudio/problems/maximum-sum-path-from-the-leaf-to-root_975299]
Companies: Codenation

7. Print Nodes at distance K from a given node

[https://www.codingninjas.com/codestudio/problems/print-nodes-at-distance-k-from-a-given-node_842560]
Companies: Goldman Sachs

8. LCA of three Nodes

[https://www.codingninjas.com/codestudio/problems/lca-of-three-nodes_794944]
Companies: PAYTM, Microsoft, Amazon, Expedia, American Express, Zoho, Grofers, Twitter, MakeMyTrip

9. Count Special Nodes in Generic Tree

[https://www.codingninjas.com/codestudio/problems/count-special-nodes-in-generic-tree_630522]

Companies: Amazon

10. Count elements in all subtrees

[https://www.codingninjas.com/codestudio/problems/count-nodes-in-all-subtrees_1071162]

Companies: Thought Works

11. BST Delete

[https://www.codingninjas.com/codestudio/problems/bst-delete_973001]

Companies: Barclays

12. Validate BST

[https://www.codingninjas.com/codestudio/problems/validate-bst_799483]

Companies: Amazon, Facebook

13. Total Number of BSTs using array elements as the root node

[https://www.codingninjas.com/codestudio/problems/total-number-of-bsts-using-array-elements-as-root-node_893064]

Companies: Microsoft

14. Sorted Linked List to Balanced BST

[https://www.codingninjas.com/codestudio/problems/sorted-linked-list-to-balanced-bst_842564]

Companies: Apple, Google

15. Find K-th smallest Element in BST

[https://www.codingninjas.com/codestudio/problems/find-k-th-smallest-element-in-bst_1069333]

Companies: Visa

16. Convert Bst To The Greater Sum Tree

[https://www.codingninjas.com/codestudio/problems/convert-bst-to-the-greater-sum-tree_800290]

Companies: Amazon

17. Two Sum in a BST

[https://www.codingninjas.com/codestudio/problems/two-sum-in-a-bst_1062631]

Companies: Cerner Corporation

18. Binary Tree To BST

[https://www.codingninjas.com/codestudio/problems/binary-tree-to-bst_893074]
Companies: HSBC

19. Is Binary Heap Tree

[https://www.codingninjas.com/codestudio/problems/is-binary-heap-tree_893136]
Companies: DE Shaw

20. Convert Min-Heap to Max-Heap

[https://www.codingninjas.com/codestudio/problems/convert-min-heap-to-max-heap_630293]
Companies: Amazon

21. Kth largest element in the unsorted array

[https://www.codingninjas.com/codestudio/problems/kth-largest-element-in-the-unsorted-array_893030]
Companies: Facebook, Optum

22. Minimum K product

[https://www.codingninjas.com/codestudio/problems/minimum-k-product_758960]
Companies: Microsoft, Intuit

23. String Transformation

[https://www.codingninjas.com/codestudio/problems/string-transformation_630421]
Companies: Sprinklr

24. Minimum Character Deletion

[https://www.codingninjas.com/codestudio/problems/minimum-character-deletion_798648]
Companies: Deutsche Bank

25. Minimum and Maximum Cost to buy N Candies

[https://www.codingninjas.com/codestudio/problems/minimum-and-maximum-cost-to-buy-n-candies_975298]
Companies: PAYTM

26. Last Stone Weight

[https://www.codingninjas.com/codestudio/problems/last-stone-weight_630419]
Companies: Citrix

27. Implementation: Hashmap

[https://www.codingninjas.com/codestudio/problems/implementation-hashmap_630343]

Companies: Amazon, Sprinklr

28. Common Elements

[https://www.codingninjas.com/codestudio/problems/common-elements_799928]

Companies: Societe Generale