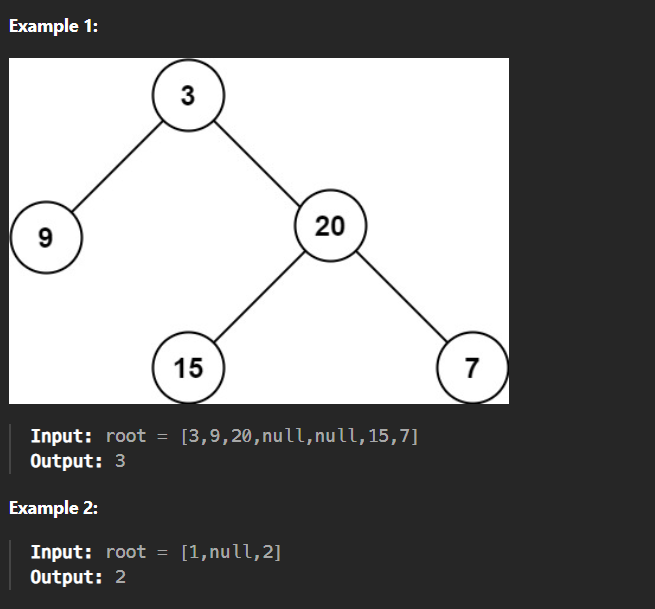
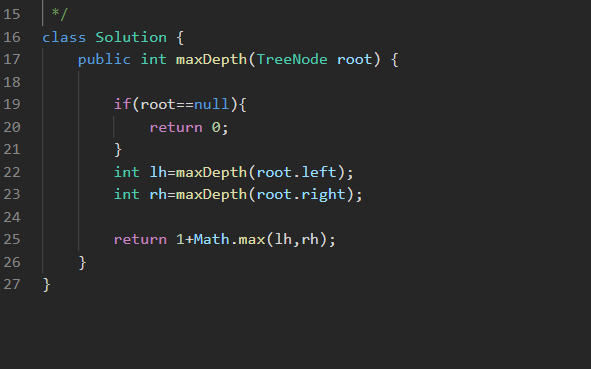
**Binary Tree**

1.Maximum Depth of Binary Tree

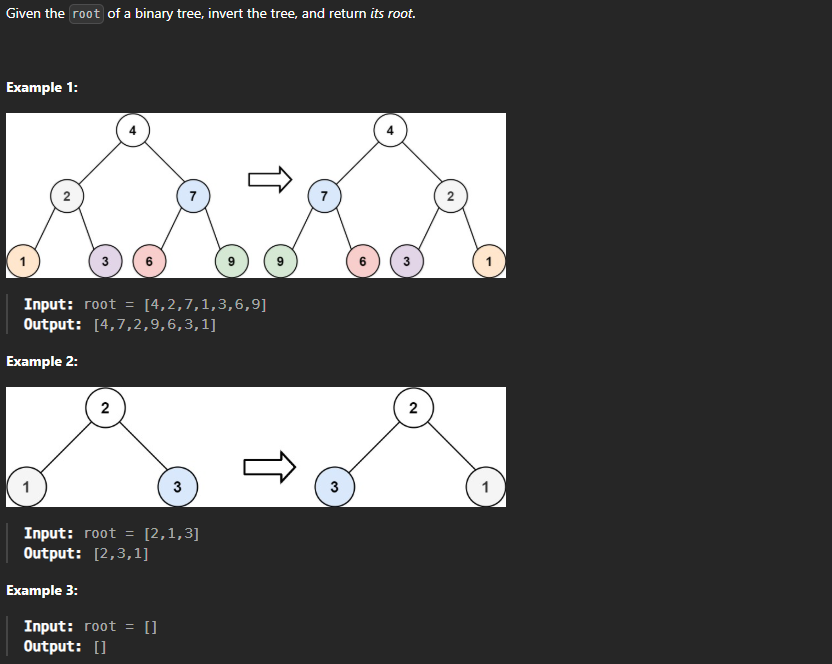
Given the root of a binary tree, return its maximum depth.

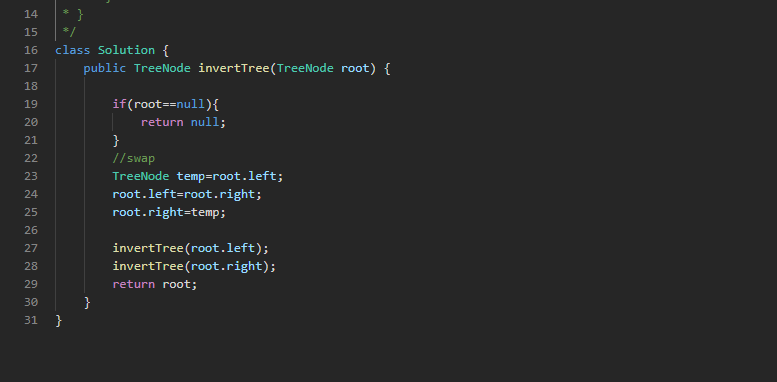
A binary tree's **maximum depth** is the number of nodes along the longest path from the root node down to the farthest leaf node.



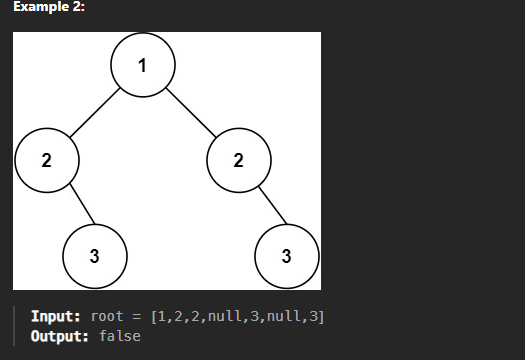
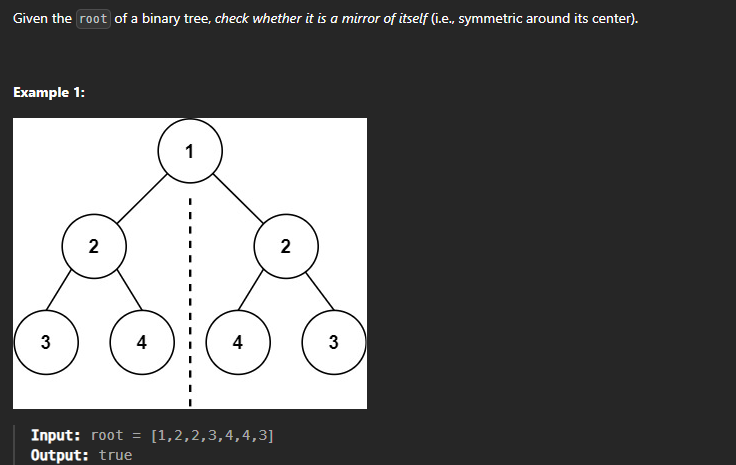


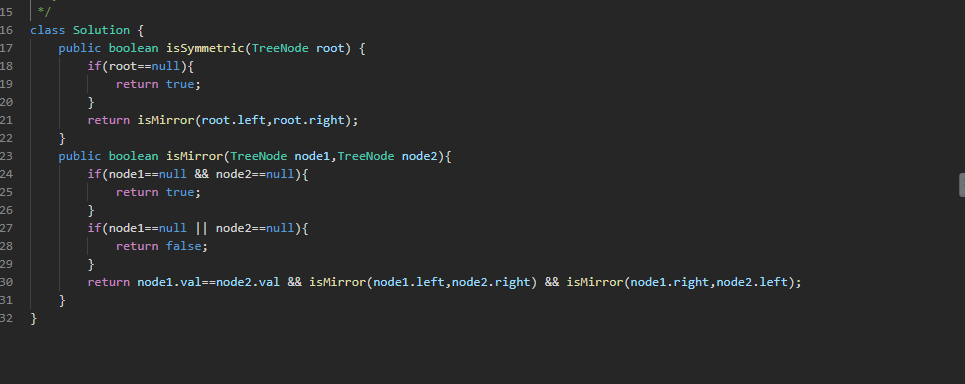
2.Invert Binary Tree



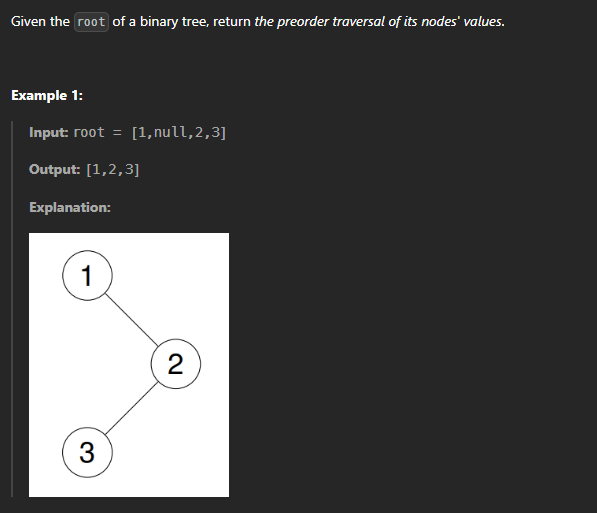


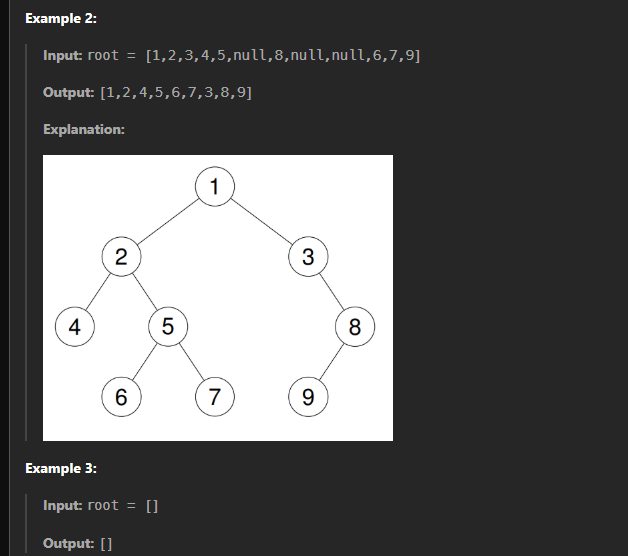
3.Symmetric Tree

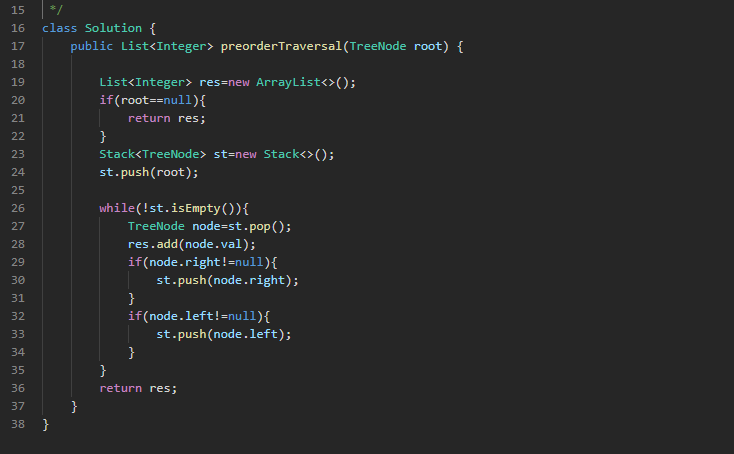




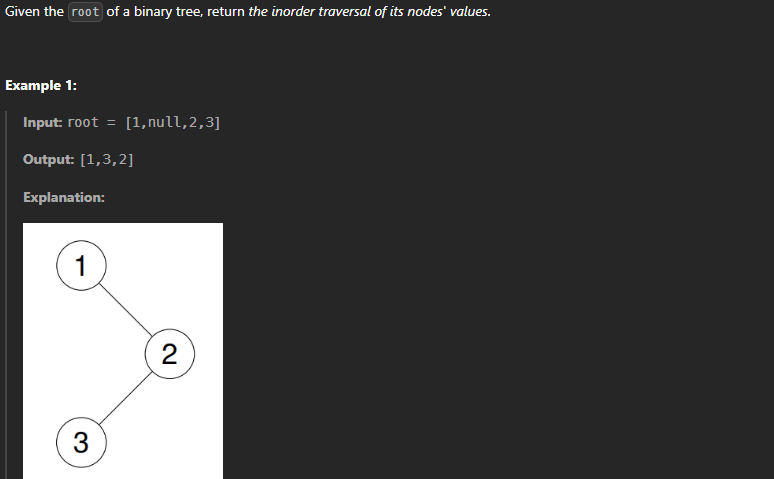
4.Binary Tree Preorder Traversal

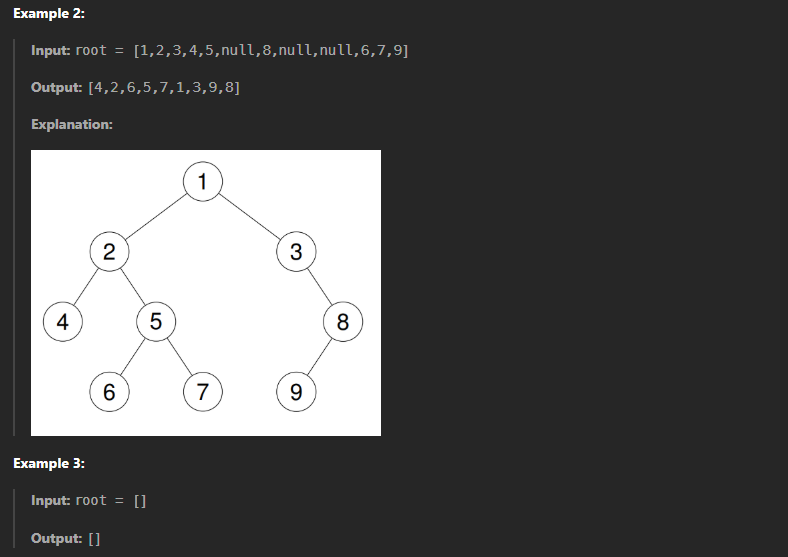






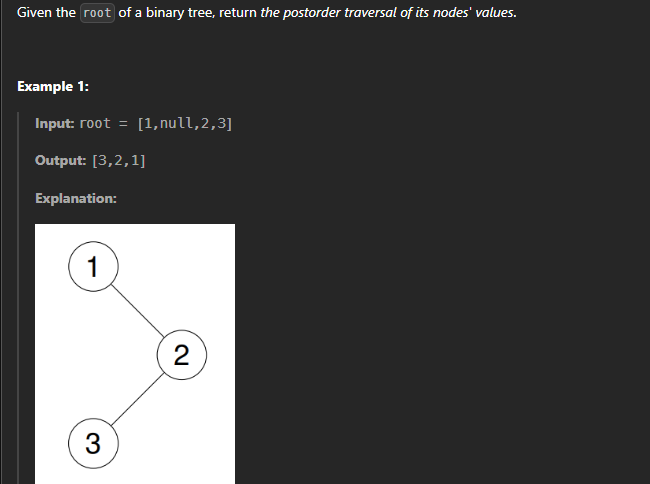
5.Binary Tree Inorder Traversal

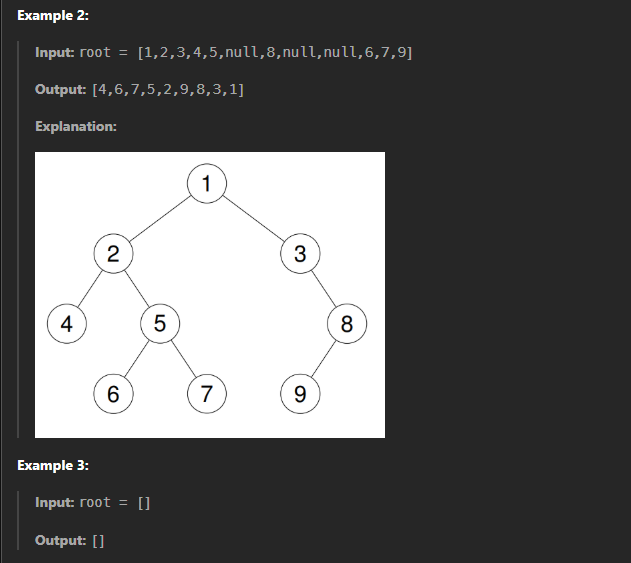


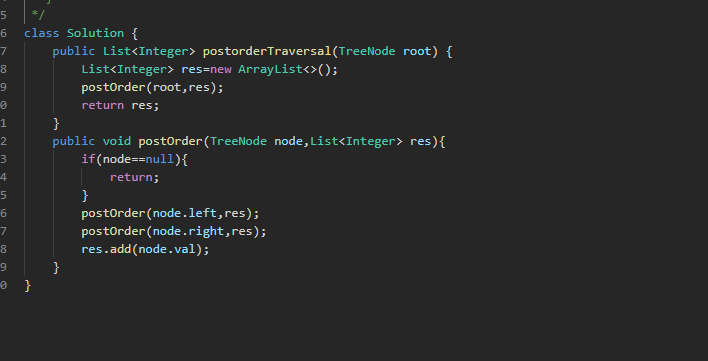




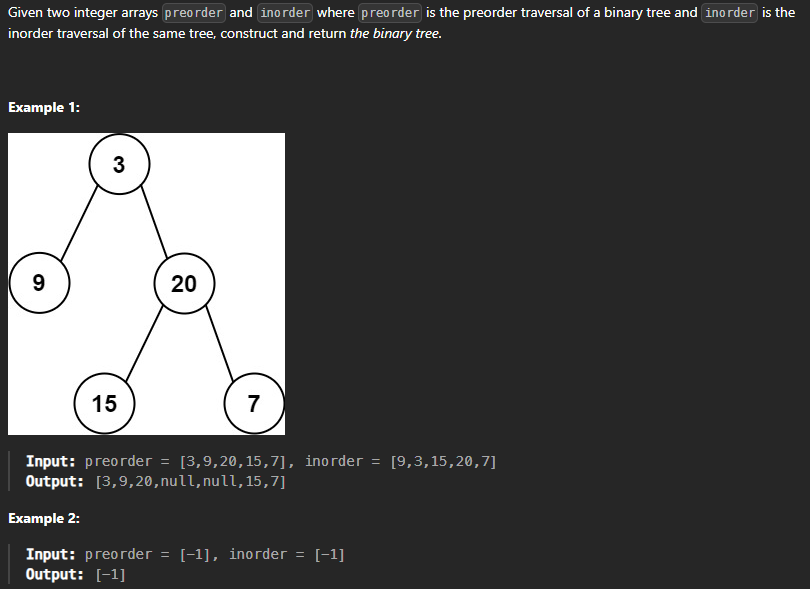
6.Binary Tree Postorder Traversal

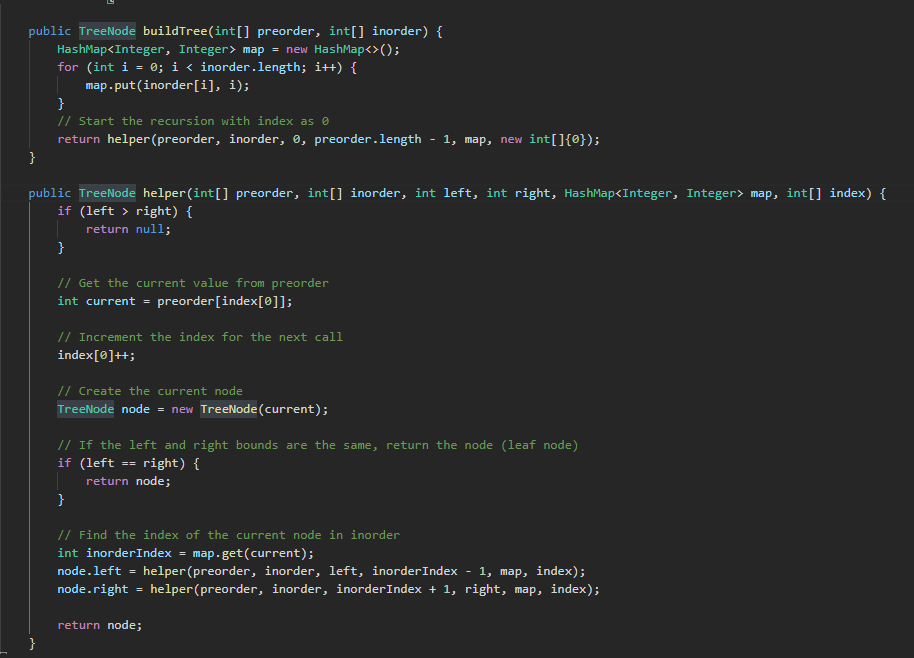




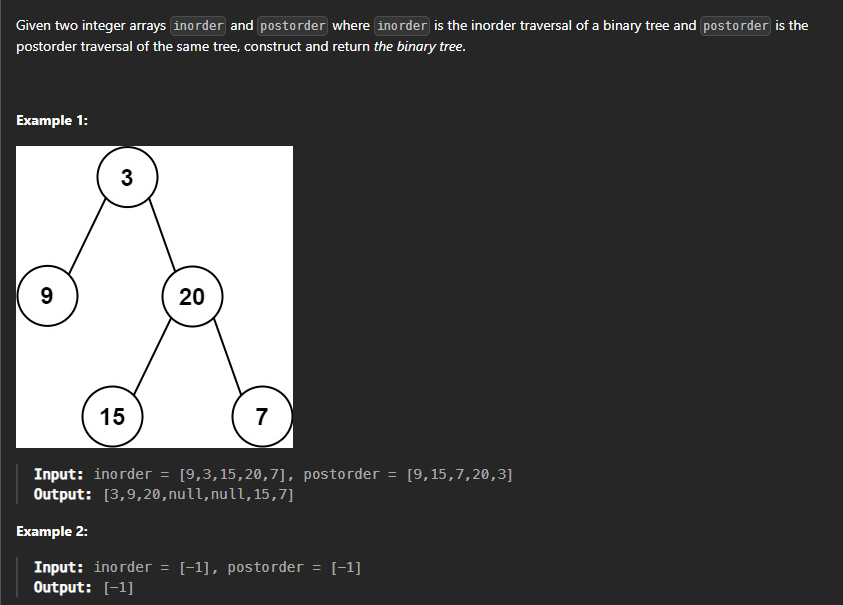


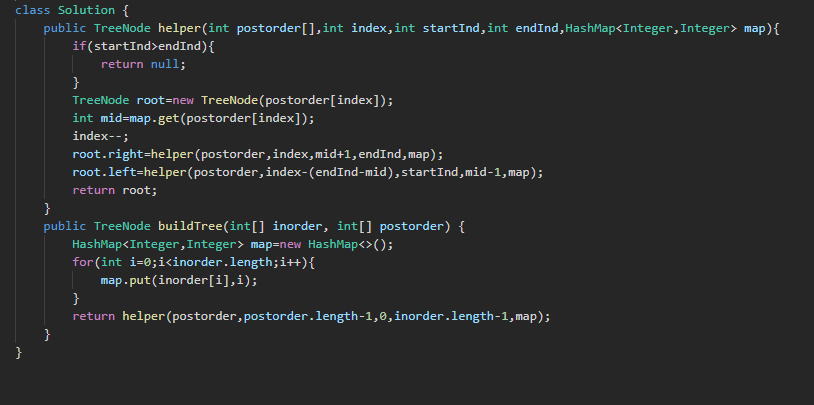
7.Construct Binary Tree from preorder and Inorder Traversal



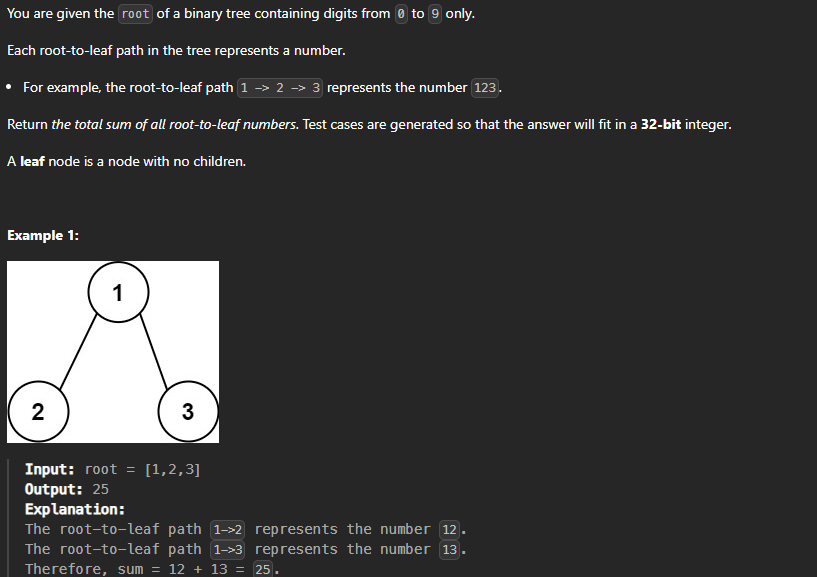


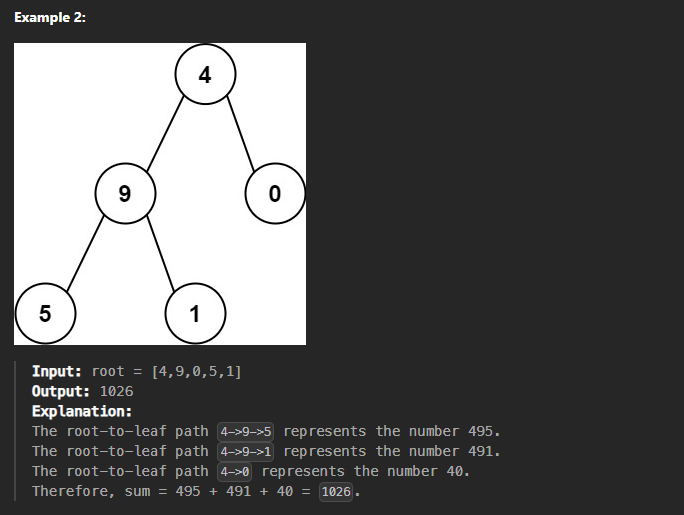
8. Construct Binary Tree from Inorder and postorder Traversal

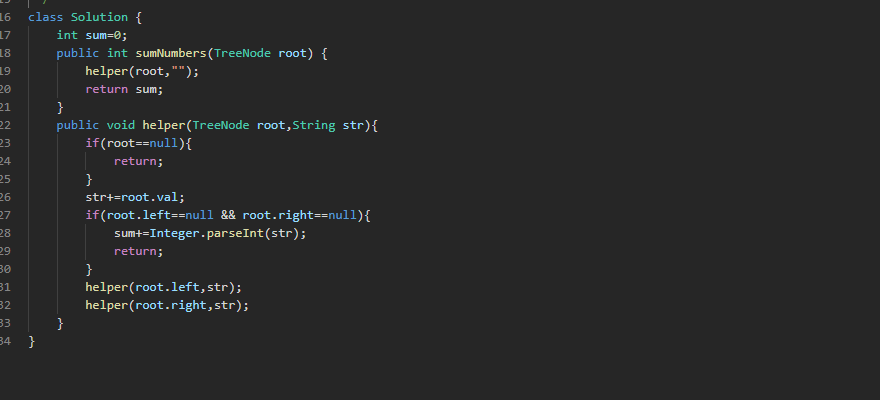




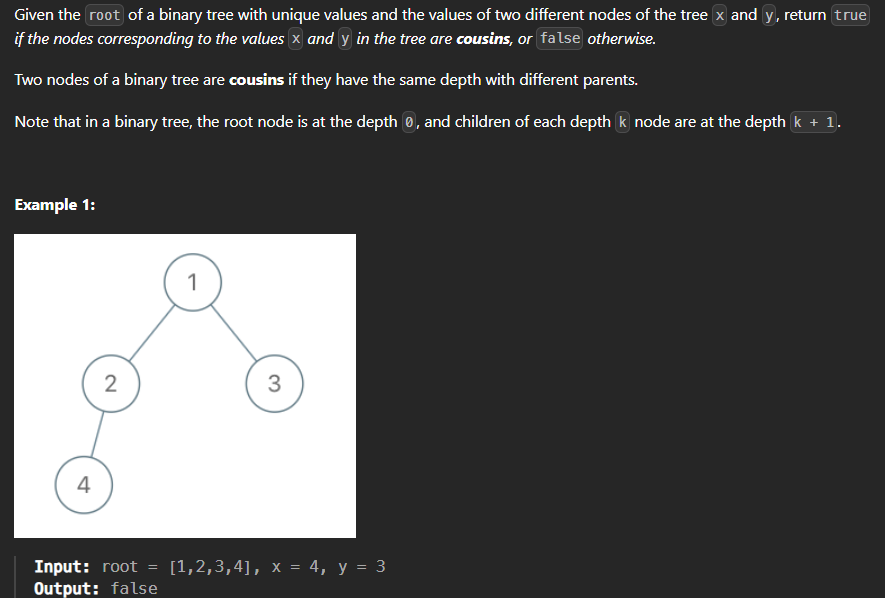
9.Sum root to Leaf Number

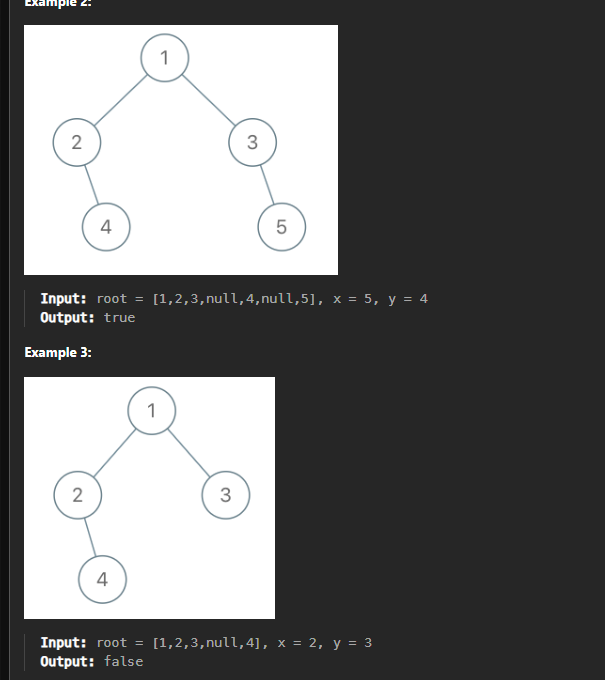


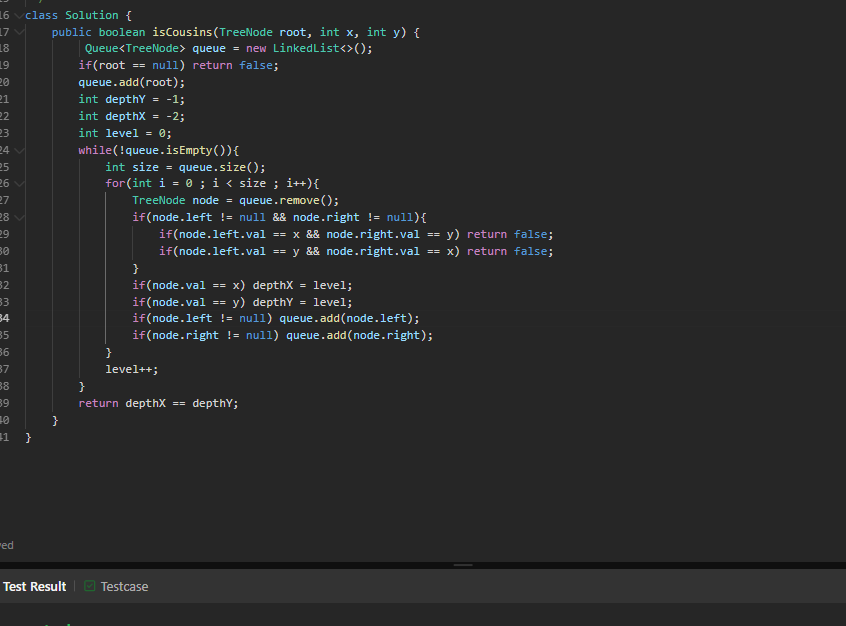




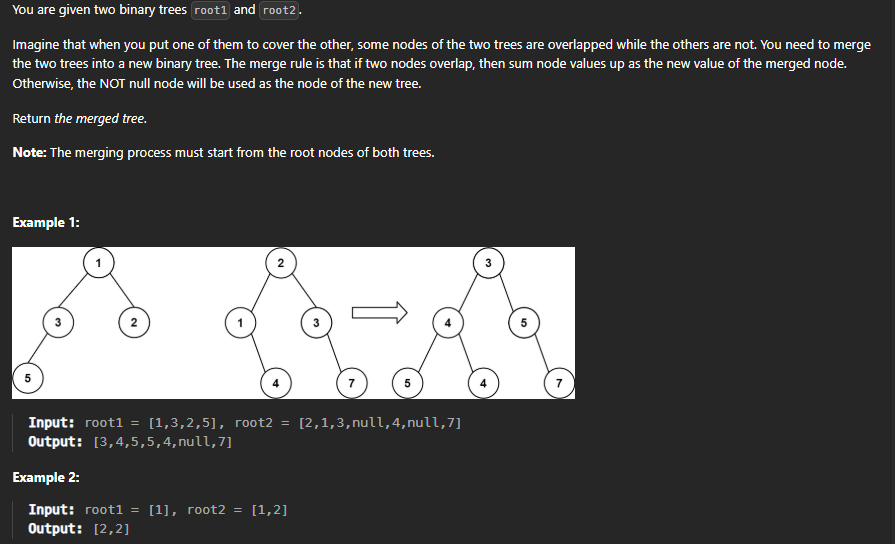
10.Cousins in Binary Tree

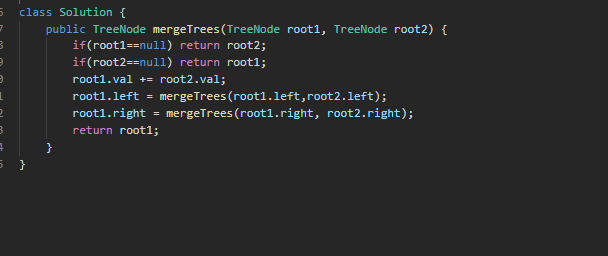




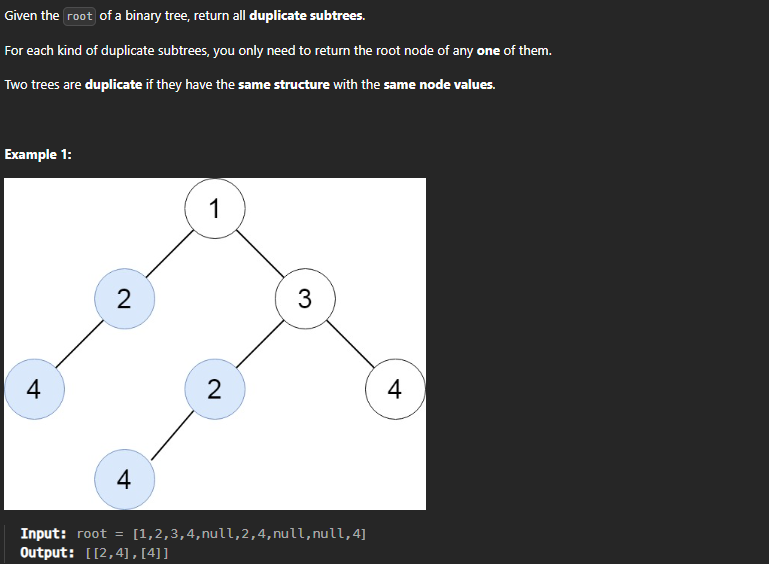


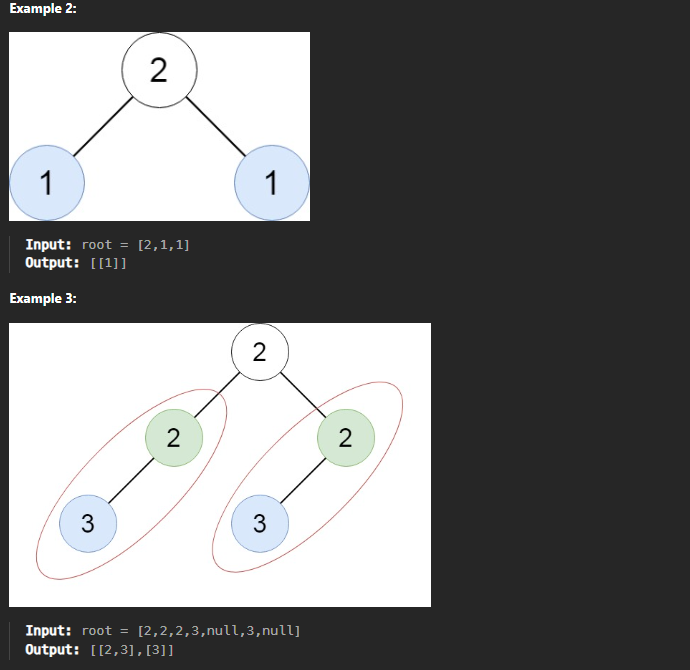
11.Merge two Binary Tree





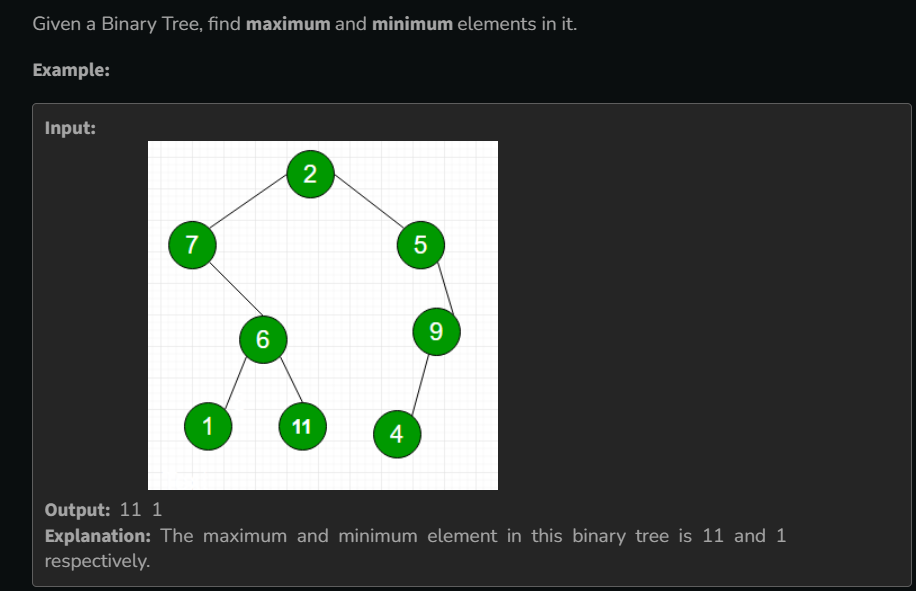
12.Find Duplicate Subtree

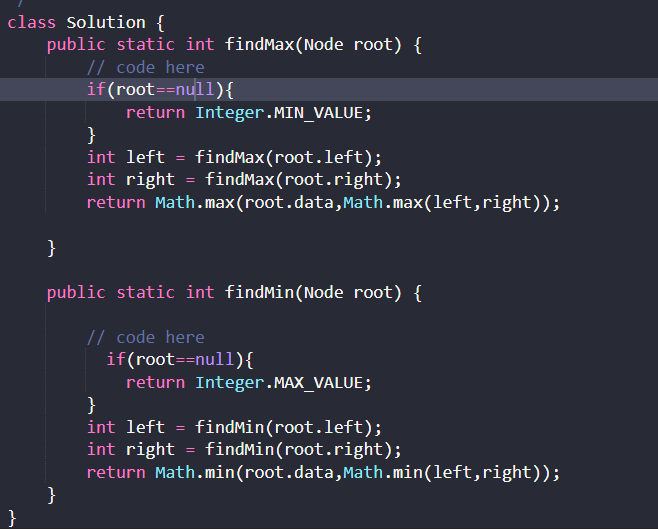




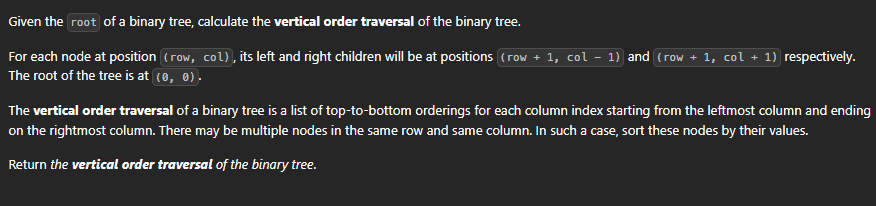


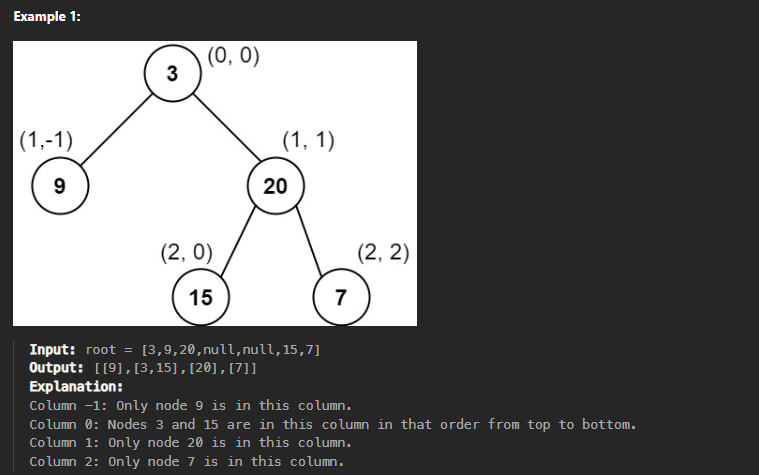
13.Max & Min Element in Binary Tree

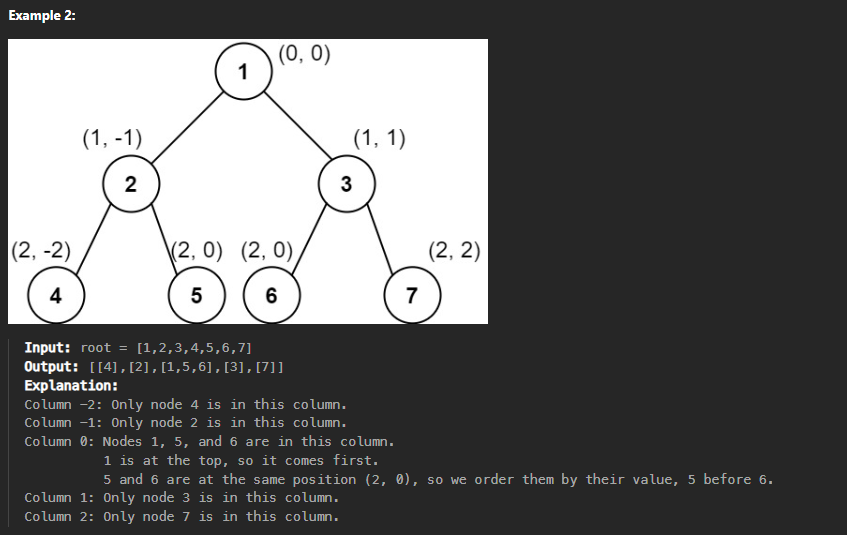


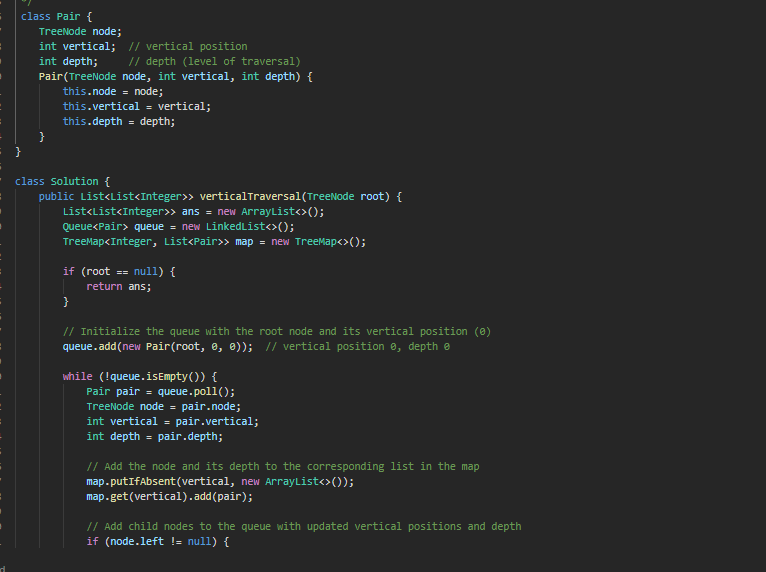


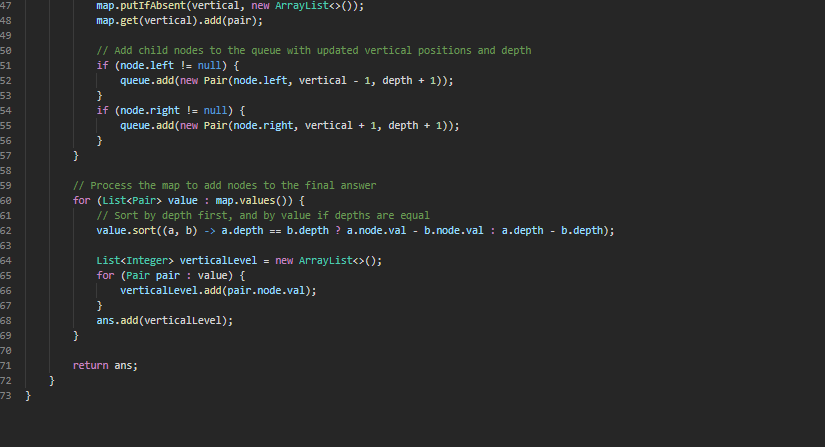
14.Vertical Order Traversal of Binary tree







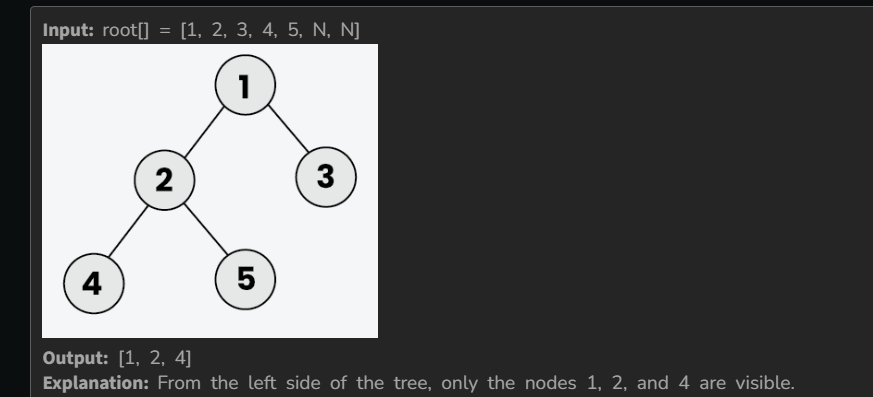


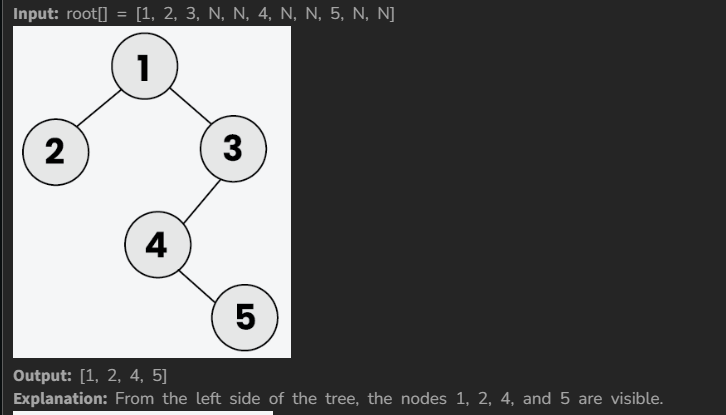


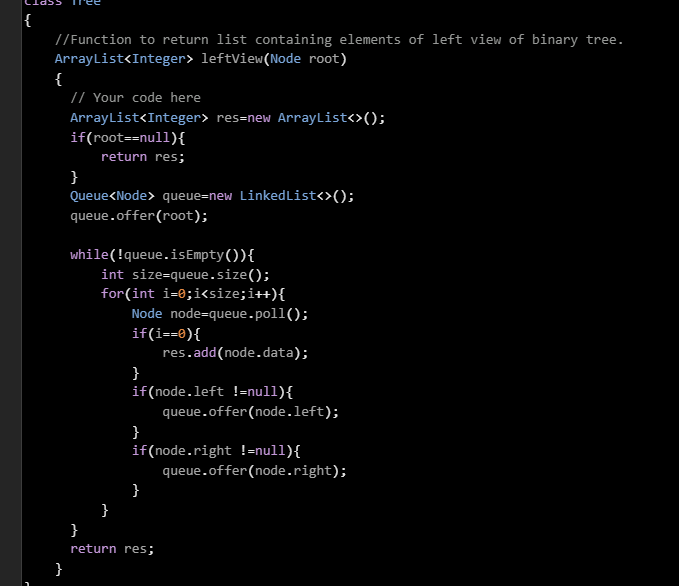
15.Left View Of Binary Tree

You are given the **root**of a binary tree. Your task is to return the **left view** of the binary tree. The **left view** of a binary tree is the set of nodes visible when the tree is **viewed** from the **left side**.

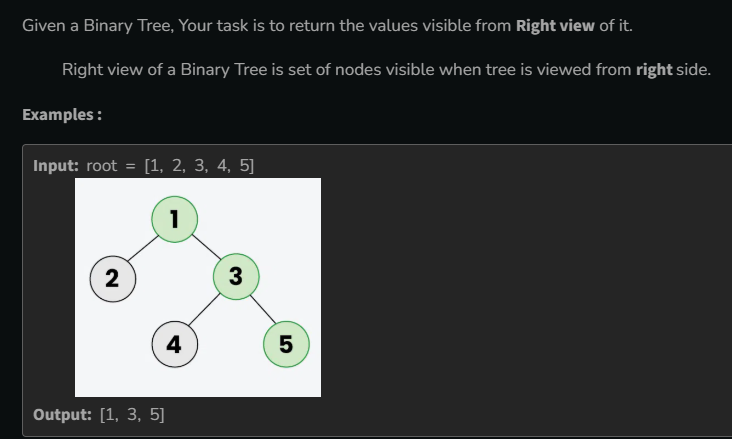
If the tree is empty, return an **empty list**.

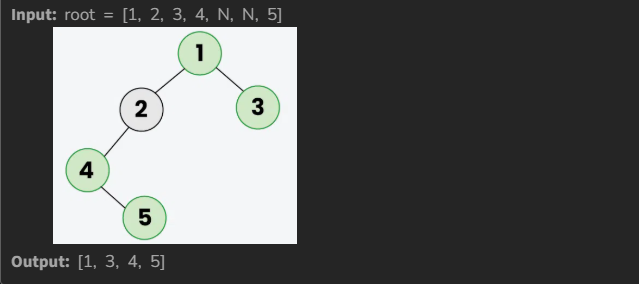


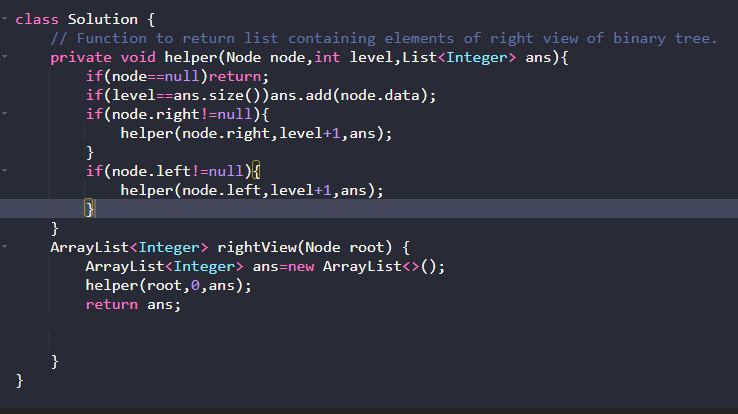




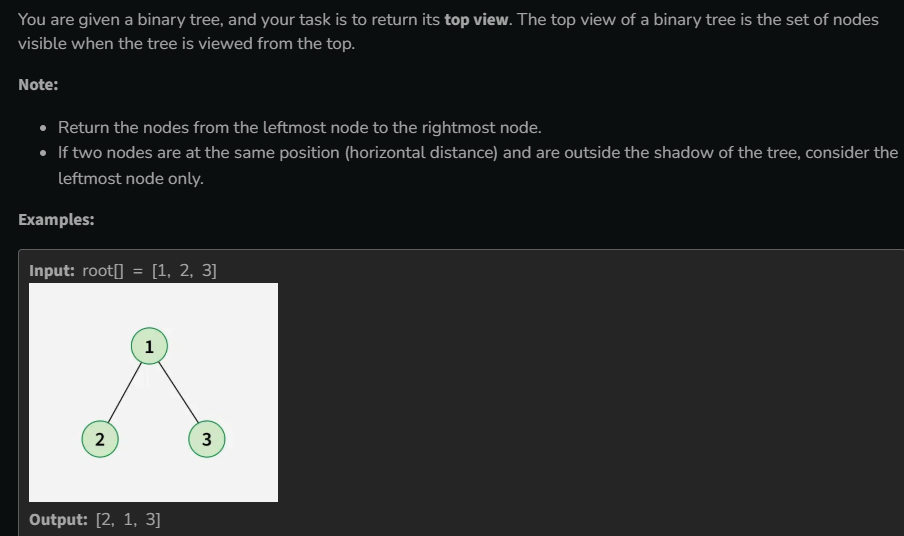
**16.Right view of Binary Tree**

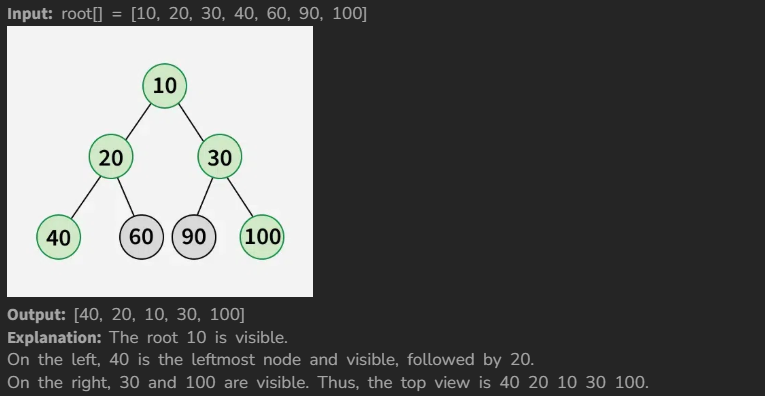
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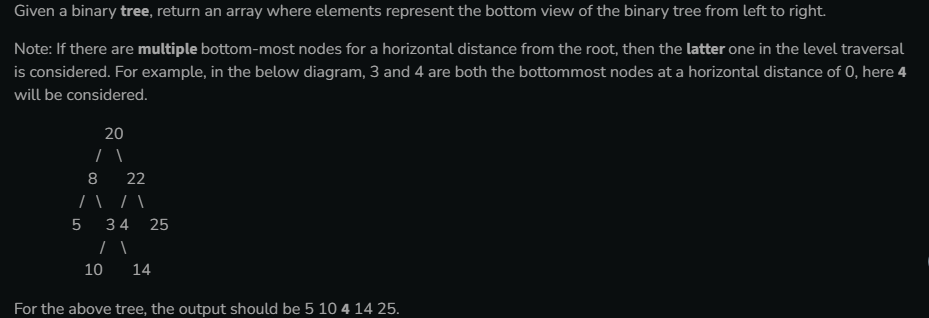
**17.Top View of Binary Tree**

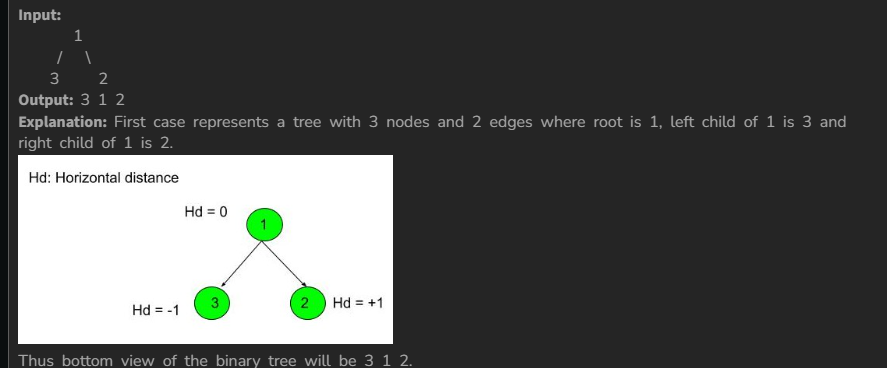
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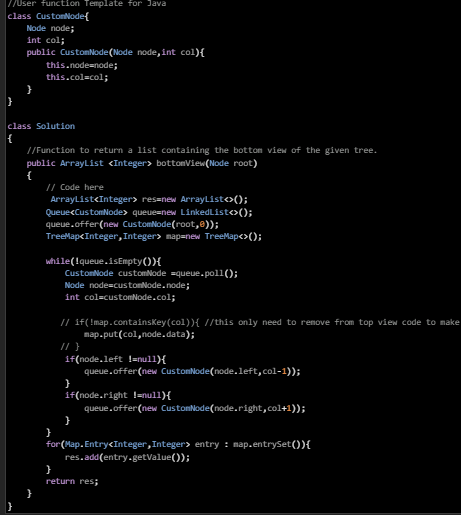
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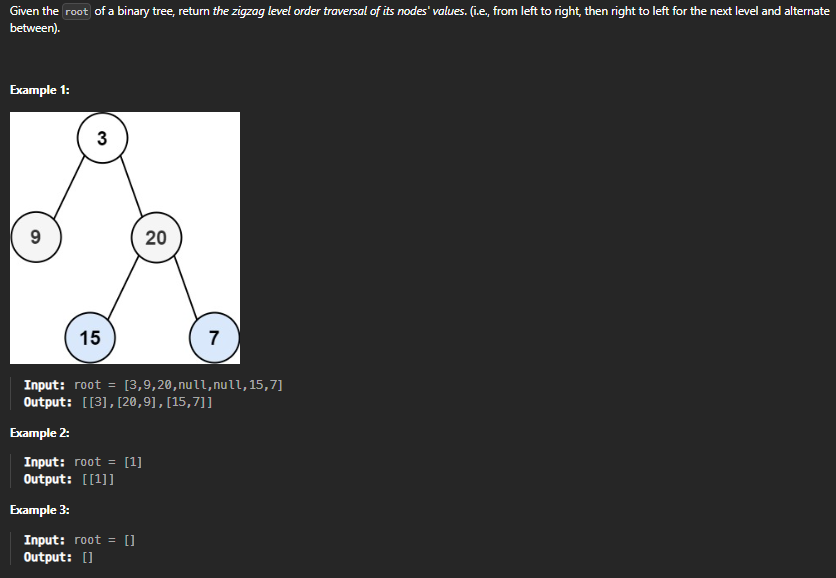
**18.Bottom View of Binary Tree**

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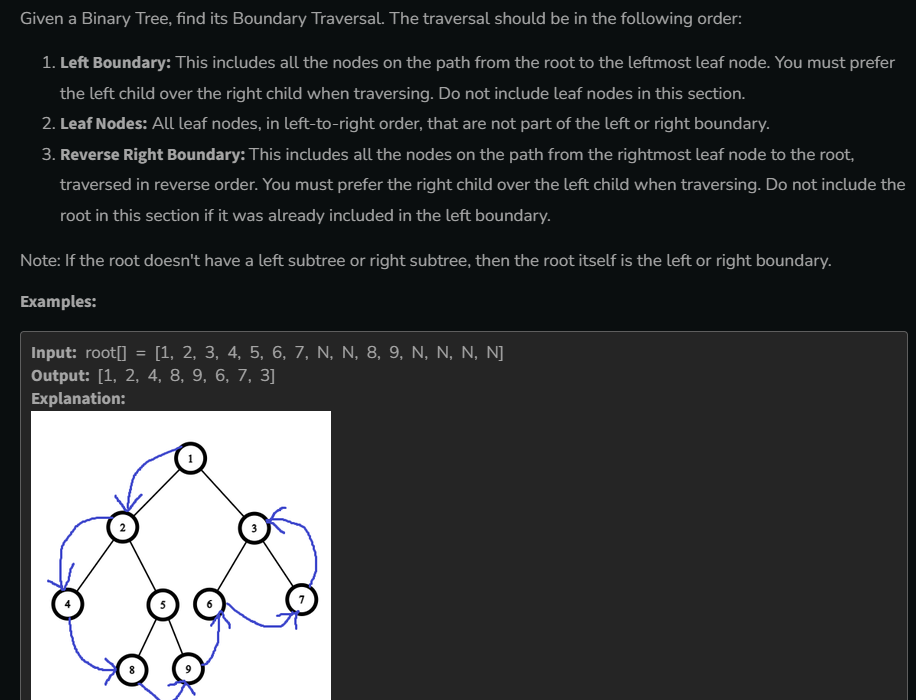
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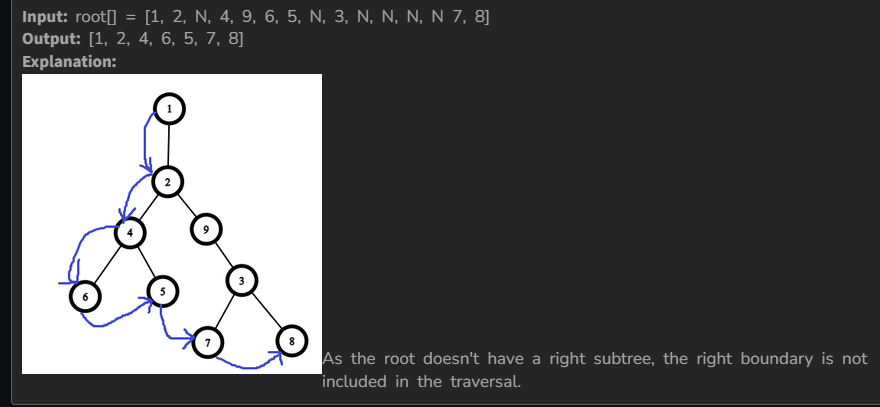
**19.Binary Tree Zigzag Level Order Traversal**

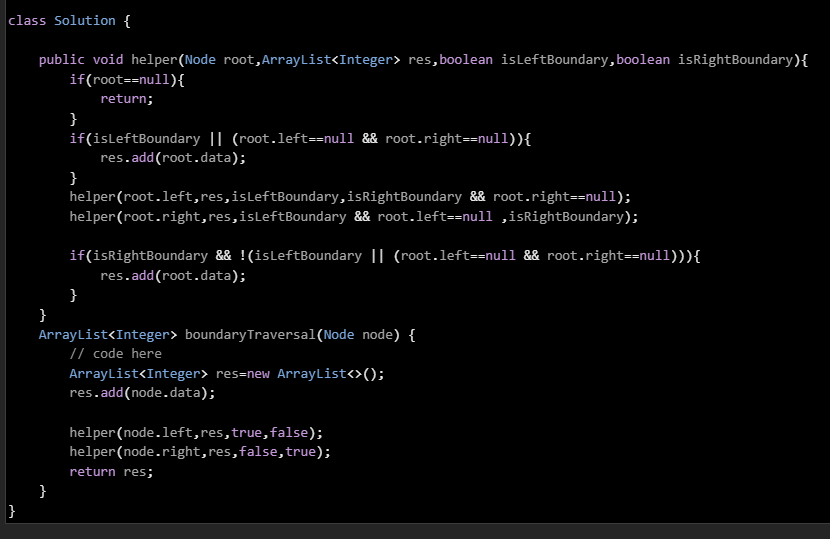
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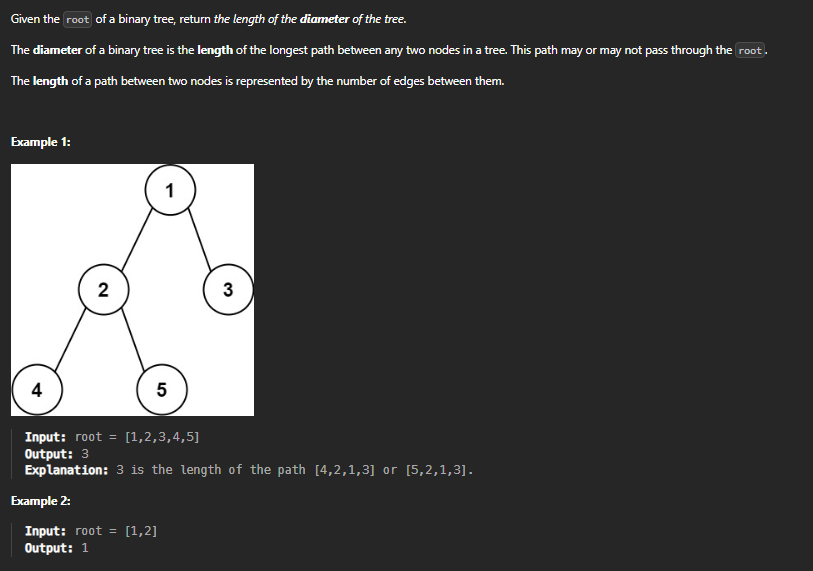
**20.Tree Boundary Traversal**

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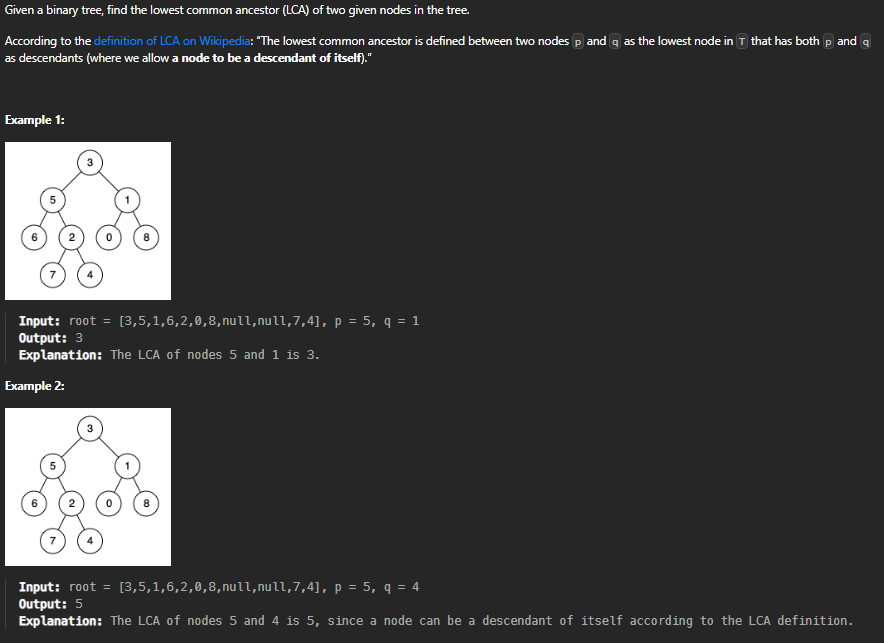
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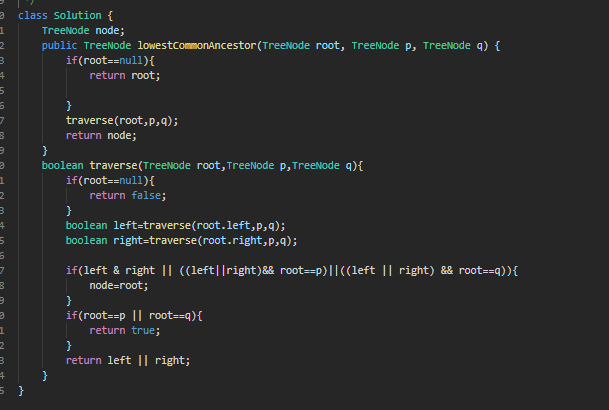
**21.Diameter of Binary Tree**

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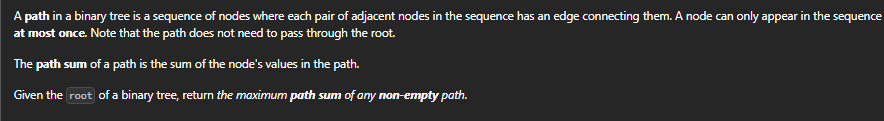
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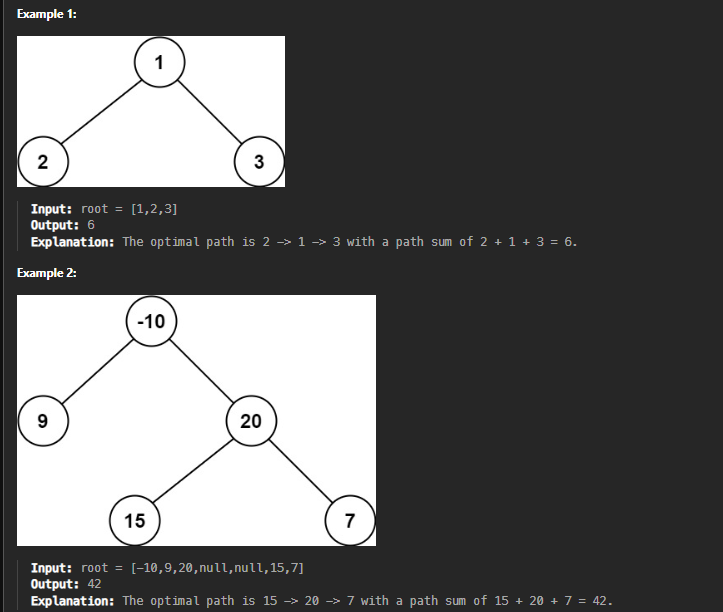
**22.Lowest common Ansestor of Binary Tree**

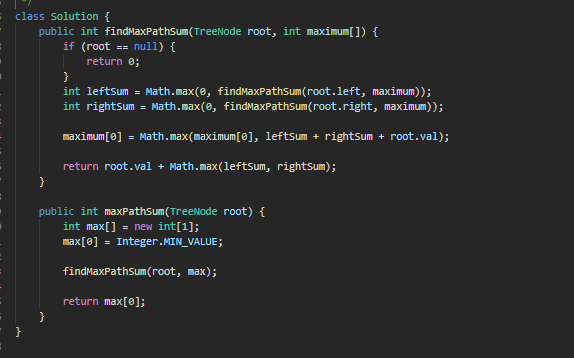
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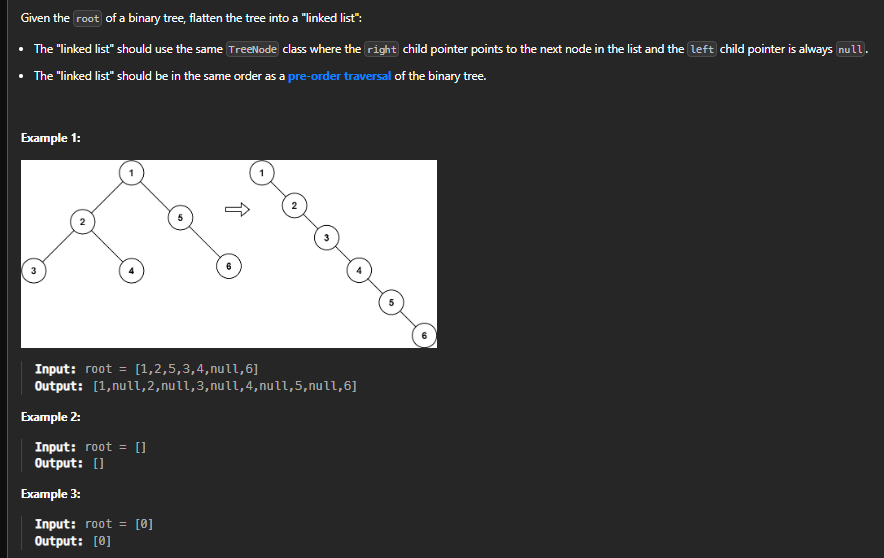
**23.Binary Tree Maximum Path sum**

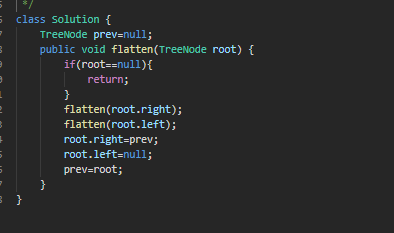
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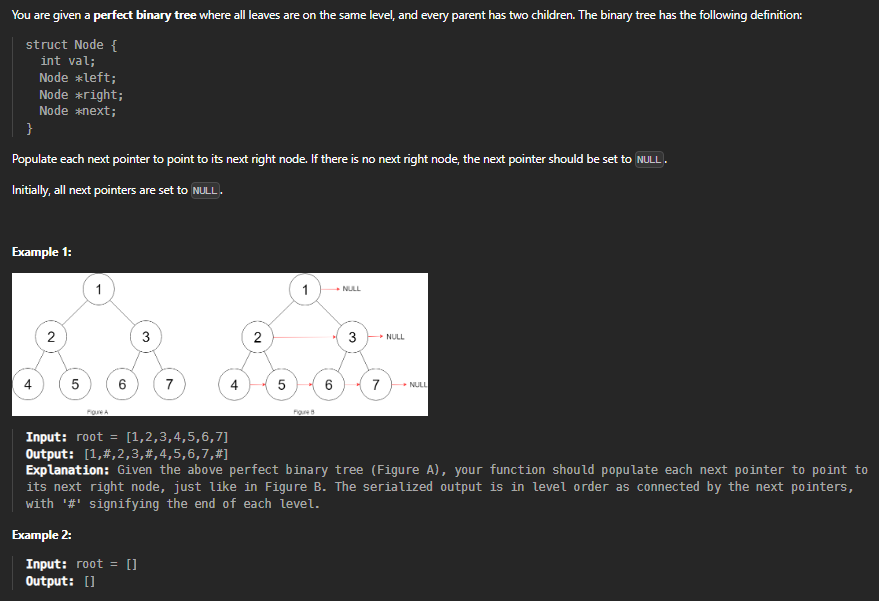
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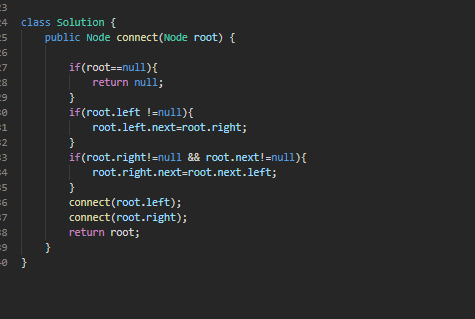
**24.Flatten Binary Tree to Linked List**

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**25.Populating Next Right Pointer in Each Node**

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https://leetcode.com/problems/serialize-and-deserialize-binary-tree/description/