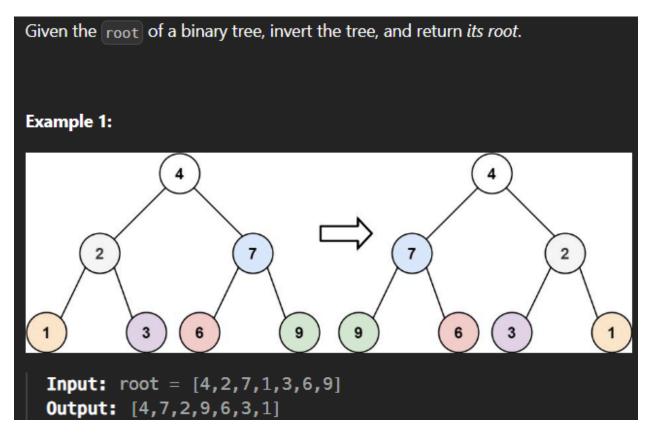
## 226. Invert Binary Tree

## **Problem Statement**



1

Approach using Stacks(self explanatory)

Approach using Recursion

1.

1.

## Intuition

In this question we have to Invert the binary tree.

So we use **Post Order Treversal** in which first we go in **Left subtree** and then in **Right subtree** then we return back to **Parent node**.

When we come back to the parent node we swap it's Left subtree and Right subtree.

```
class Solution:
def invertTree(self, root: Optional[TreeNode]) -> Optional[TreeNode]:
    if not root: #Base Case
        return root
    self.invertTree(root.left) #Call the left substree
    self.invertTree(root.right) #Call the right substree
    # Swap the nodes
    root.left, root.right = root.right, root.left
    return root # Return the root
```