Question #28
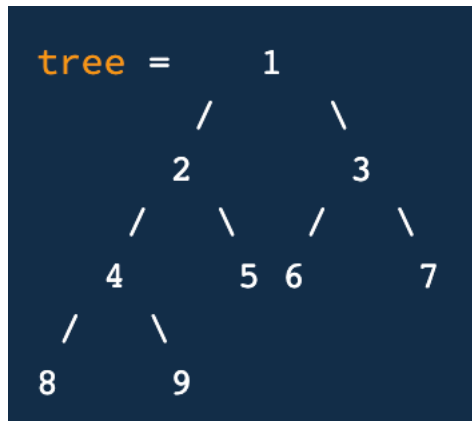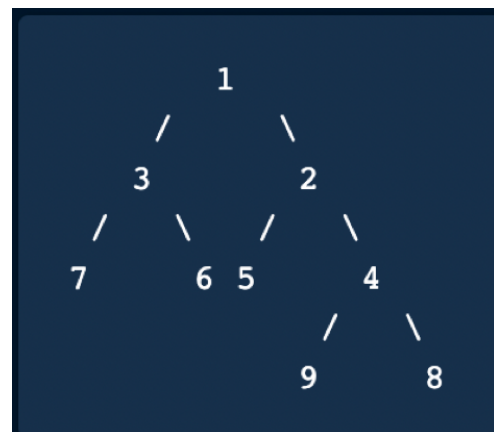**Invert Binary Tree**
Difficulty :Medium   Category :Tree

Write a method that takes in a Binary Tree and inverts it. In other words, the function should swap every left node in the tree for its corresponding right node. Each BinaryTree node has an integer value , a left child node, and a right child node. Children nodes can either be BinaryTree nodes themselves or None / null .

Sample input:

```
tree =      1
         /      \
        2        3
      /   \    /   \
     4      5 6      7
    /  \
   8    9
```

Sample Output:

```
         1
       /    \
      3      2
    /   \   /   \
   7     6 5     4
               /   \
              9      8
```

Good luck!

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