100. Same Tree

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Total Accepted: **182235** Total Submissions: **401036** Difficulty: **Easy** Contributors: **Admin**

Notes

Given two binary trees, write a function to check if they are equal or not.

Two binary trees are considered equal if they are structurally identical and the nodes have the same value.

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Python

```python
# Definition for a binary tree node.
# class TreeNode(object):
#     def __init__(self, x):
#         self.val = x
#         self.left = None
#         self.right = None

class Solution(object):
    def isSameTree(self, p, q):
        """
        :type p: TreeNode
        :type q: TreeNode
        :rtype: bool
        """


        def  inorder(root,traversal):
            if root:
                traversal=inorder(root.left,traversal)+'l'
                traversal=traversal+str(root.val)+'root'
                traversal=inorder(root.right,traversal)+'r'
            return traversal

        if not p and not q:
            return True

        if p and q:
            t1=inorder(p,'')
            t2=inorder(q,'')
            print t1,t2
            if t1==t2:
                return True
        return False
```

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