LC 101. Symmetric Tree

Question

Given a binary tree, check whether it is a mirror of itself (ie, symmetric around its center).

For example, this binary tree [1,2,2,3,4,4,3] is symmetric:

```
1
/\
2 2
/\\/\
3 4 4 3
```

But the following [1,2,2,null,3,null,3] is not:

```
1
/\
2 2
\\\
3 3
```

Solution

```
# Definition for a binary tree node.
# class TreeNode:
      def __init__(self, x):
         self.val = x
         self.left = None
          self.right = None
class Solution:
    def isSymmetric(self, root):
        :type root: TreeNode
        :rtype: bool
        0.000
        #Solution
        if not root:
           return True
        stack = [(root.left, root.right)]
        while stack:
            n1, n2 = stack.pop()
            if not n1 and not n2:
                continue
```