```
* Definition for a binary tree node.
* public class TreeNode {
    int val:
    TreeNode left;
    TreeNode right;
    TreeNode(int x) { val = x; }
class Solution {
  public boolean isSubtree(TreeNode s, TreeNode t) {
     if (s == null \&\& t == null) {
        return true:
     if (s == null || t == null) {
        return false;
     return isSame(s, t) || isSubtree(s.left, t) || isSubtree(s.right, t);
  }
  private boolean isSame(TreeNode s1, TreeNode s2) {
     if (s1 == null && s2 == null) {
        return true;
     if (s1 == null || s2 == null) {
        return false;
     return s1.val == s2.val && isSame(s1.left, s2.left) && isSame(s1.right, s2.right);
}
```

Given two non-empty binary trees **s** and **t**, check whether tree **t** has exactly the same structure and node values with a subtree of **s**. A subtree of **s** is a tree consists of a node in **s** and all of this node's descendants. The tree **s** could also be considered as a subtree of itself.

Example 1:

Given tree s:



Given tree t:

4

/\ 1 2

Return **true**, because t has the same structure and node values with a subtree of s.