# 26. 树的子结构

## 题目链接

[牛客网](https://www.nowcoder.com/practice/6e196c44c7004d15b1610b9afca8bd88?tpId=13&tqId=11170&tPage=1&rp=1&ru=/ta/coding-interviews&qru=/ta/coding-interviews/question-ranking&from=cyc_github)

## 题目描述

## 解题思路

public boolean HasSubtree(TreeNode root1, TreeNode root2) {
 if (root1 == null || root2 == null)
 return false;
 return isSubtreeWithRoot(root1, root2) || HasSubtree(root1.left, root2) || HasSubtree(root1.right, root2);
}

private boolean isSubtreeWithRoot(TreeNode root1, TreeNode root2) {
 if (root2 == null)
 return true;
 if (root1 == null)
 return false;
 if (root1.val != root2.val)
 return false;
 return isSubtreeWithRoot(root1.left, root2.left) && isSubtreeWithRoot(root1.right, root2.right);
}