

98. Validate Binary Search Tree

题目描述: <https://leetcode.com/problems/validate-binary-search-tree/>

判断一棵树是否是二叉搜索树

解题思路:

DFS

代码:

```
/**
 * Definition for a binary tree node.
 * struct TreeNode {
 *     int val;
 *     TreeNode *left;
 *     TreeNode *right;
 *     TreeNode(int x) : val(x), left(NULL), right(NULL) {}
 * };
 */
class Solution {
public:
    bool isV(TreeNode* root, TreeNode* Max, TreeNode* Min) {
        if(root == NULL) return true;
        if((Min != NULL && Min->val >= root->val) || (Max != NULL && Max->val <= root->val)) {
            return false;
        }
        return isV(root->left, root, Min) && isV(root->right, Max, root);
    }
    bool isValidBST(TreeNode* root) {
        return isV(root, NULL, NULL);
    }
};
```