

226.Invert Binary Tree

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

将一个二叉树invert

例如原二叉树



转化之后:



解题思路:

直接将二叉树的所有子树递归交换。

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:
    TreeNode* invertTree(TreeNode* root) {
        if(root == NULL)
            return NULL;
        TreeNode *tmp;
        tmp = root->left;
        root->left = root->right;
        root->right = tmp;
        invertTree(root->left);
        invertTree(root->right);
        return root;
    }
};
```