剑指27 二叉树的镜像

二叉树遍历的变种。
我分为BFS和DFS。

```cpp
// 我的BFS
class Solution {
public:
    TreeNode* mirrorTree(TreeNode* root) {
        if (root == NULL) return NULL;
        queue <TreeNode*> value;
        TreeNode* q = root;
        value.push(q);
        while(!value.empty()) {
            q = value.front();
            TreeNode* tmp = q->left;
            q->left = q->right;
            q->right = tmp;
            value.pop();
            if (q->left != NULL)
                value.push(q->left);
            if (q->right != NULL)
                value.push(q->right);
        }
        return root;
    }
};


// 我的DFS
class Solution {
public:
    TreeNode* mirrorTree(TreeNode* root) {
        if (root == NULL) return NULL;
        TreeNode* tmp = mirrorTree(root->left);
        root->left = mirrorTree(root->right);
        root->right = tmp;
        return root;
    }
};
```