

Symmetric Tree (LeetCode 101 - Easy)

Solution

```
/**
 * LeetCode 101
 * @param root
 * @return if root is symmetric.
 */
public static boolean isSymmetric(TreeNode root) {
    if (root == null) {
        return true;
    }
    return isMirror(root.left, root.right);
}

private static boolean isMirror(TreeNode left, TreeNode right) {
    if (left == null && right == null) {
        return true;
    }
    if (left == null || right == null) {
        return false;
    }
    return left.val == right.val && isMirror(left.right, right.left)
    && isMirror(left.left, right.right);
}
```