Same Thee

Ley Jolea:

Two trees are the same if:

- 1. Both moder are null true.
- 2. One is well and the other is not Jake.
- 3. Both are non-null:
 - Value must be equal.
 - · Left subtrees must be the same.
 - · Right sulotrees must be the same

This naturally leads to a recursive solution.

Recursive Leution:

Algorithm:

- 1. If both p and g are mill, return tree.
- 2. If one is mill, setern false.
- 3. If p- val! = g-val, seturn false.
 - 4. Recursively check:
 - · Mo Tome lie (p→left, g→left).
 - · its Some thee (p-right, g-right),

I Sterative Approach (Sptermal):

Use queux (BFS) & stack (DFS) to compare modes level by level. Push pairs of modes (Rg) ento the queue.

At each step, compare values and enqueue children pairs.

Emplexity:

· Vivine: O(N)-Nis total number of modes (visit all modes).
· Space: O(H) for recursion (H = tree herget) or O(N) for iterative queur.