Flotten Binary Tree to Linked List

This problem asks us to flatter a beneasy tree to a linked list in presider (101) extra space).

Thy Jelea;

· We rearrange the tree such that:

1. Each mode's right child points to the next mode in presider.

I tech mode's left child is will.

· Must avoid additional date structures (like arrays or stacks) for the follow-up.

Approach 1: 1 Moris traversal style (O(1) space)

1. Therato through the tree starting from root.

2 For every mode:

If the mode has a left child:

· tind the rightmost made in its left subtree (predicesser).

Connect this rightmost mode's right to the node's right.

- Usve the left subtree to the right (node -) right = node - left) and set made - left = NULL.

3. Move to the next made using mode-right.

(Complexity: 1)

Time: D(N) - each node is visited once, finding rightmost node per step

still results in D(N) total.

· space: O(e) extra - in-place manipulation.

(Alternative:

· Recursive et stack-based presider traversal (simples to endustand but DW) space due to recursión (stack).