

QUESTION #8

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MIRROR OF A TREE

Find the mirror tree of a given binary tree.

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TREES

## Solution

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1. Let `mirror(node)` = function to convert a binary tree into its mirror
2. Call `mirror(root)`
3. If (`node = NULL`),  
    return from the function.
4. else,
  - 4.1. call `mirror(node->left)`
  - 4.2. call `mirror(node->right)`
  - 4.3. swap the pointers in this node,  
        `temp = node->left;`  
        `node->left = node->right;`  
        `node->right = temp;`

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Nerving Into  
Data Structures