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## 652. Find Duplicate Subtrees

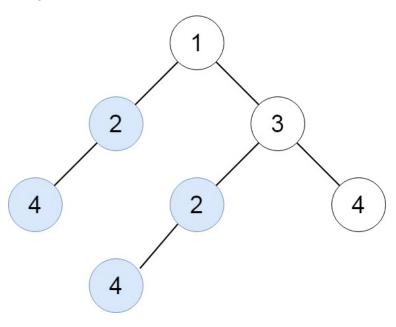


Given the root of a binary tree, return all duplicate subtrees.

For each kind of duplicate subtrees, you only need to return the root node of any **one** of them.

Two trees are duplicate if they have the same structure with the same node values.

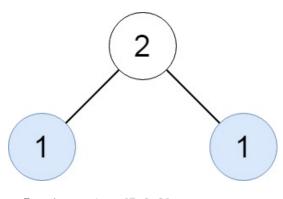
## Example 1:



Input: root = [1,2,3,4,null,2,4,null,null,4]

**Output:** [[2,4],[4]]

## Example 2:



Input: root = [2,1,1]
Output: [[1]]

## Example 3:

