

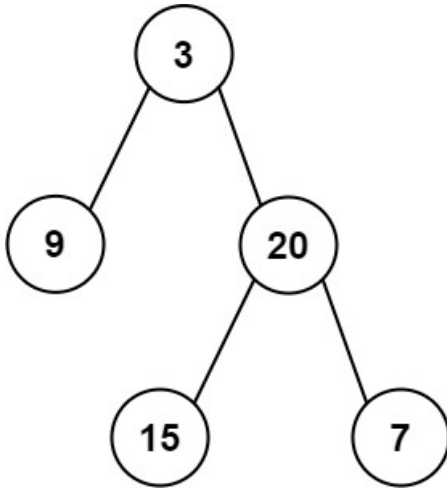
105. Construct Binary Tree from Preorder and Inorder Traversal

Difficulty : Medium

<https://leetcode.com/problems/construct-binary-tree-from-preorder-and-inorder-traversal>

Given two integer arrays `preorder` and `inorder` where `preorder` is the preorder traversal of a binary tree and `inorder` is the inorder traversal of the same tree, construct and return *the binary tree*.

Example 1:



Input: `preorder = [3,9,20,15,7]`, `inorder = [9,3,15,20,7]`

Output: `[3,9,20,null,null,15,7]`

Example 2:

Input: `preorder = [-1]`, `inorder = [-1]`

Output: `[-1]`

Constraints:

- `1 <= preorder.length <= 3000`
- `inorder.length == preorder.length`
- `-3000 <= preorder[i], inorder[i] <= 3000`
- `preorder` and `inorder` consist of **unique** values.
- Each value of `inorder` also appears in `preorder`.
- `preorder` is **guaranteed** to be the preorder traversal of the tree.
- `inorder` is **guaranteed** to be the inorder traversal of the tree.