📄 Description   📖 Editorial   ⚗ Solutions   🕑 Submissions   🐞 Debugger ✕

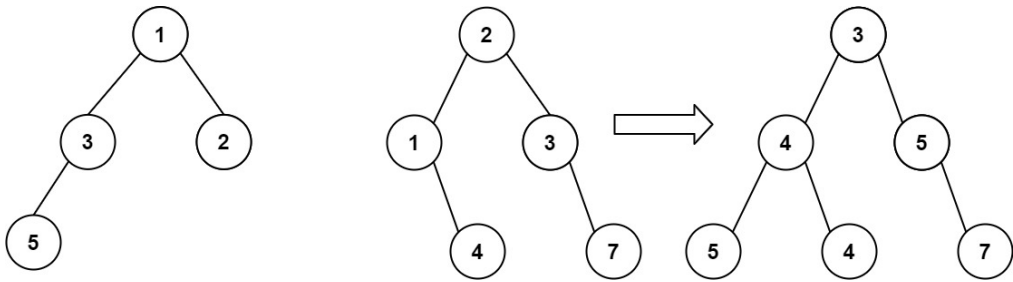# 617. Merge Two Binary Trees

Easy   ◇ Topics   ⊞ Companies

You are given two binary trees `root1` and `root2`.

Imagine that when you put one of them to cover the other, some nodes of the two trees are overlapped while the others are not. You need

Return *the merged tree*.

Note: The merging process must start from the root nodes of both trees.

Example 1:


```
Input: root1 = [1,3,2,5], root2 = [2,1,3,null,4,null,7]
Output: [3,4,5,5,4,null,7]
```

Example 2:

```
Input: root1 = [1], root2 = [1,2]
Output: [2,2]
```

Constraints:

- The number of nodes in both trees is in the range `[0, 2000]`.

- -10^4 `<= Node.val <=` 10^4

Seen this question in a real interview before?   1/4

Yes   No

Accepted **745.9K**   Submissions **945.7K**   Acceptance Rate **78.9%**

🏷 Topics

📊 Companies

💬 Discussion (16)

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