

Problem Challenge 1

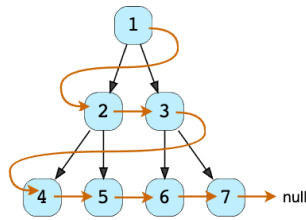
We'll cover the following

- Connect All Level Order Siblings (medium)
- Try it yourself

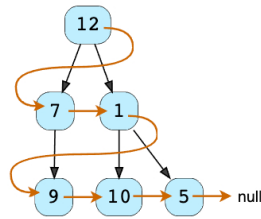
Connect All Level Order Siblings (medium)

Given a binary tree, connect each node with its level order successor. The last node of each level should point to the first node of the next level.

Example 1:



Example 2:



Try it yourself

Try solving this question here:

Java

Python3

JS

C++

```
1 import java.util.*;
2
3 class TreeNode {
4     int val;
5     TreeNode left;
6     TreeNode right;
7     TreeNode next;
8
9     TreeNode(int x) {
10         val = x;
11         left = right = next = null;
12     }
13 };
14
15 class ConnectAllSiblings {
16     public static void connect(TreeNode root) {
17         // TODO: Write your code here
18     }
19
20     public static void main(String[] args) {
21         TreeNode root = new TreeNode(12);
22         root.left = new TreeNode(7);
23         root.right = new TreeNode(1);
24         root.left.left = new TreeNode(9);
25         root.right.left = new TreeNode(10);
26         root.right.right = new TreeNode(5);
27         ConnectAllSiblings.connect(root);
28     }
29 }
```

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Connect Level Order Siblings (medium)

Solution Review: Problem Challenge 1

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