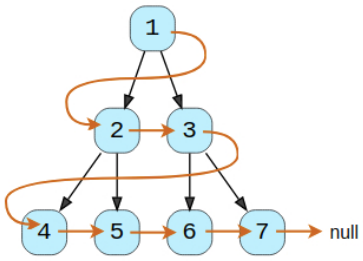
Problem Challenge 1

We'll cover the following

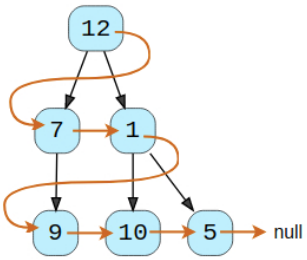
Connect All Level Order Siblings (medium)

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++

```python
from __future__ import print_function
from collections import deque


class TreeNode:
  def __init__(self, val):
    self.val = val
    self.left, self.right, self.next = None, None, None

  # tree traversal using 'next' pointer
  def print_tree(self):
    print("Traversal using 'next' pointer: ", end='')
    current = self
    while current:
      print(str(current.val) + " ", end='')
      current = current.next


```

```
def connect_all_siblings(root):
  # TODO: Write your code here
  return


def main():
  root = TreeNode(12)
  root.left = TreeNode(7)
  root.right = TreeNode(1)
  root.left.left = TreeNode(9)
  root.right.left = TreeNode(10)
  root.right.right = TreeNode(5)
  connect_all_siblings(root)
  root.print_tree()


main()

```

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Connect Level Order Siblings (medium)

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Solution Review: Problem Challenge 1

Completed