Our Solution(s) Run Code

Solution 1 Solution 2

```cpp
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#include <vector>
using namespace std;

class BinaryTree {
public:
  int value;
  BinaryTree *left = NULL;
  BinaryTree *right = NULL;

  BinaryTree(int value);
};

vector<BinaryTree *> flattenTree(BinaryTree *node);
void connectNodes(BinaryTree *one, BinaryTree *two);
BinaryTree *getLeftMost(BinaryTree *node);

// O(n) time | O(d) space - where n is the number of nodes in the Bina
// and d is the depth (height) of the Binary Tree
BinaryTree *flattenBinaryTree(BinaryTree *root) {
  flattenTree(root);
  return getLeftMost(root);
}

vector<BinaryTree *> flattenTree(BinaryTree *node) {
  BinaryTree *leftMost;
  BinaryTree *rightMost;

  if (node->left == NULL) {
    leftMost = node;
  } else {
    vector<BinaryTree *> leftAndRightMostNodes = flattenTree(node->lef
```

Your Solutions Run Code

Solution 1 Solution 2 Solution 3

```cpp
#include <vector>
using namespace std;

// This is the class of the input root. Do not edit it.
class BinaryTree {
public:
  int value;
  BinaryTree *left = NULL;
  BinaryTree *right = NULL;

  BinaryTree(int value);
};

BinaryTree *flattenBinaryTree(BinaryTree *root) {
  // Write your code here.
  return root;
}

```

Our Tests

Custom Output Submit Code

```
class ProgramTest : public TestSuite {
public:
  void Run() {

    RunTest("Test Case 1", [](){
      BinaryTree *root = new BinaryTree(0);
      BinaryTree *leftMostNode = findLeftMostNode(root);
      vector<int> actual = leftRightSiblingTraversal(leftMostNode);
      vector<int> expected = {0, 0};
      assertIsEqual(expected == actual);
    });

    RunTest("Test Case 2", [](){
      BinaryTree *root = new BinaryTree(0);
      insertNRows(root, 20);
```

Run or submit code when you're ready.