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Індивідуальна робота №2
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#include <iostream>
struct TreeNode {
  int val;
  TreeNode* left;
  TreeNode* right;
  TreeNode(int x) : val(x), left(nullptr), right(nullptr) {}
};
TreeNode* invertTree(TreeNode* root) {
  if (root == nullptr) {
    return nullptr;
  }
  TreeNode* temp = root->left;
  root->left = invertTree(root->right);
  root->right = invertTree(temp);
  return root;
}
void printlnOrder(TreeNode* root) {
  if (root != nullptr) {
    printInOrder(root->left);
    std::cout << root->val << " ";
    printInOrder(root->right);
  }
}
int main() {
  // Example 1
  TreeNode* root1 = new TreeNode(4);
  root1->left = new TreeNode(2);
  root1->right = new TreeNode(7);
  root1->left->left = new TreeNode(1);
  root1->left->right = new TreeNode(3);
  root1->right->left = new TreeNode(6);
  root1->right->right = new TreeNode(9);
  std::cout << "Original tree (in-order): ";
  printInOrder(root1);
  std::cout << std::endl;
  TreeNode* invertedRoot1 = invertTree(root1);
  std::cout << "Inverted tree (in-order): ";</pre>
  printInOrder(invertedRoot1);
  std::cout << std::endl;
  delete root1;
  delete invertedRoot1;
  return 0;
}
```