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The purpose of this academic mini paper is to demonstrate knowledge in binary trees, In-order traversal, Pre-order traversal, and Post-order traversal. This program was developed using C#; three classes within the program, Node, BinaryTree, and Program. The Node class provides the structure used for each node within the binary tree; each node has two variables, Data, which holds the integer value for the current node, and Node, which contains the information that other nodes the current node connects to. The BinaryTree class creates the actual Binary tree and provides methods such as InOrder, PreOrder, and PostOrder for traversing the binary tree. Class program is the primary class that runs the program, within this class is the main method, in this method the nodes are added, and the tree is traversed in each order and printed as shown in the below screenshot.Graphical user interface

Description automatically generated