In-order, Preorder, and Post-order Traversals in DFS

The traversal in tree there are three main order to travers DFS it is implemented to traverse the DFS and some overview is as below.

* + Represents a node in a binary tree with value, left, and right attributes.
  + Constructs a sample binary tree with predefined nodes for traversal testing.
  + Recursively visits nodes in **In-order (Left → Root → Right)** sequence.
  + Stores the visited nodes in the visited list.
  + Recursively visits nodes in **Preorder (Root → Left → Right)** sequence.
  + The root node is added first, followed by left and right subtrees.
  + Recursively visits nodes in **Post-order (Left → Right → Root)** sequence.
  + Left and right subtrees are visited before the root node.
  + Initializes the tree structure to test traversal functions.