

Output

In-order traversal of current tree: 5, 12, 14, 15, 17, 19, 24,
Pre-order traversal of current tree: 15, 12, 5, 14, 19, 17, 24,
Post-order traversal of current tree: 5, 14, 12, 17, 24, 19, 15,
Max tree height of current tree: 3

Number of leaves in current tree: 4

Is value 14 in the current tree: 1

Is value 16 in the current tree: 0

Deleting root then displaying traversals:

In-order traversal of current tree: 5, 12, 14, 17, 19, 24,

Pre-order traversal of current tree: 14, 12, 5, 19, 17, 24,

Post-order traversal of current tree: 5, 12, 17, 24, 19, 14,

Using operator= on current tree to a new tree named tree2 then displaying tree2's traversals:

In-order traversal of current tree: 5, 12, 14, 17, 19, 24,

Pre-order traversal of current tree: 14, 12, 5, 19, 17, 24,

Post-order traversal of current tree: 5, 12, 17, 24, 19, 14,

Clearing original tree then displaying its traversals:

In-order traversal of current tree:

Pre-order traversal of current tree:

Post-order traversal of current tree: