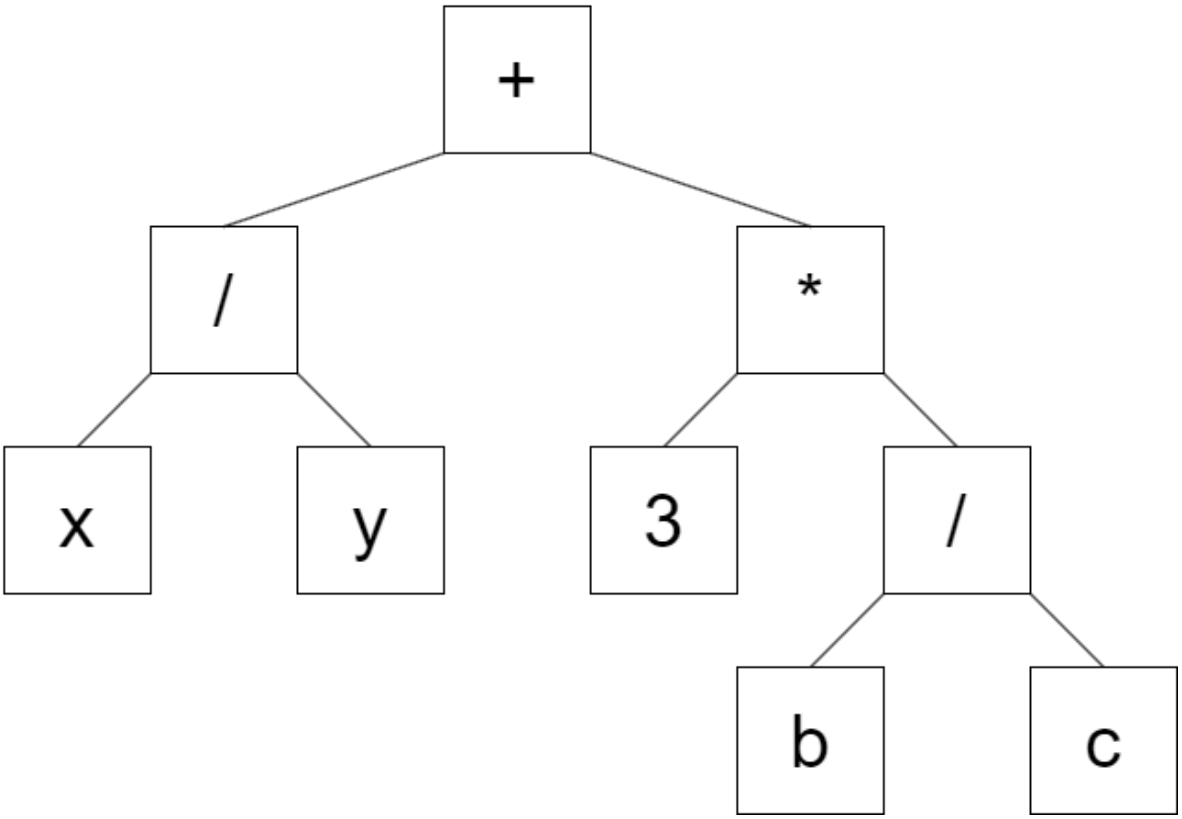
The following three pages have the three expression trees represented by the given expression for each. The last page contains the binary search tree for a given output of the to_string function, if it were called on the corresponding tree.

Inorder Traversal: Left Subtree, Root, Right Subtree
Postorder Traversal: Left Subtree, Right Subtree, Root
Preorder Traversal: Root, Left Subtree, Right Subtree

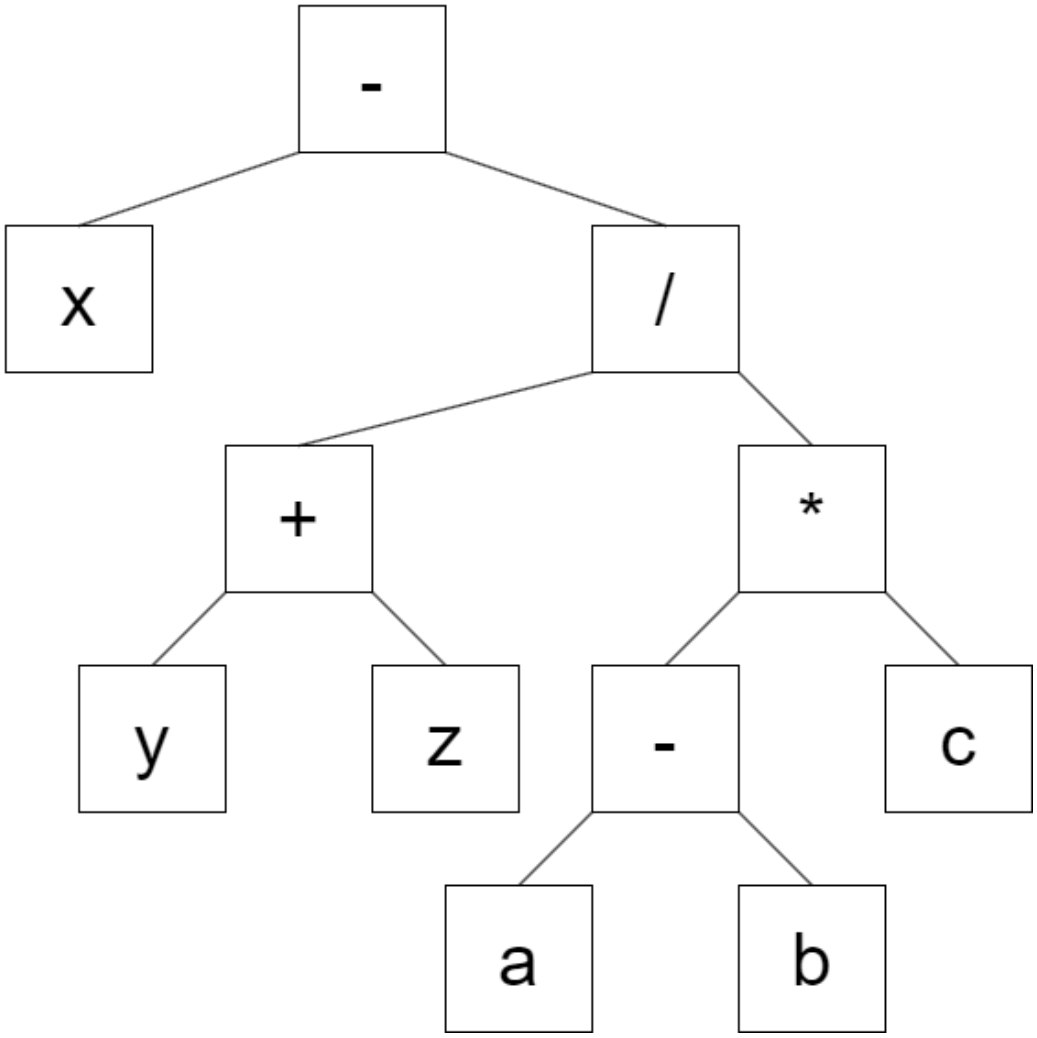
To_string method: Preorder Traversal of the tree, data of each visited node printed in a new line. Attempts to call on all nodes, including leaves. If no node is found at a given point, print NULL in its spot.

Expression Tree: A tree with the operands as the parents and the operators as leaf nodes. Shows a mathematical expression in the order of either inorder, preorder, or postorder.

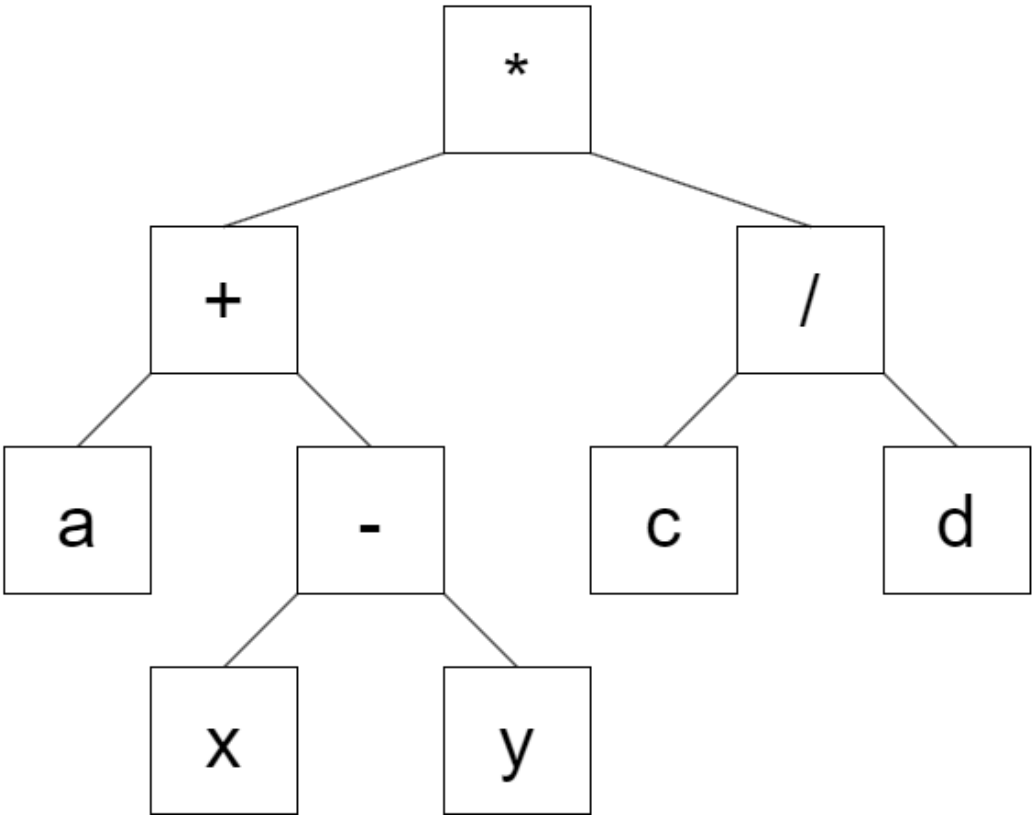
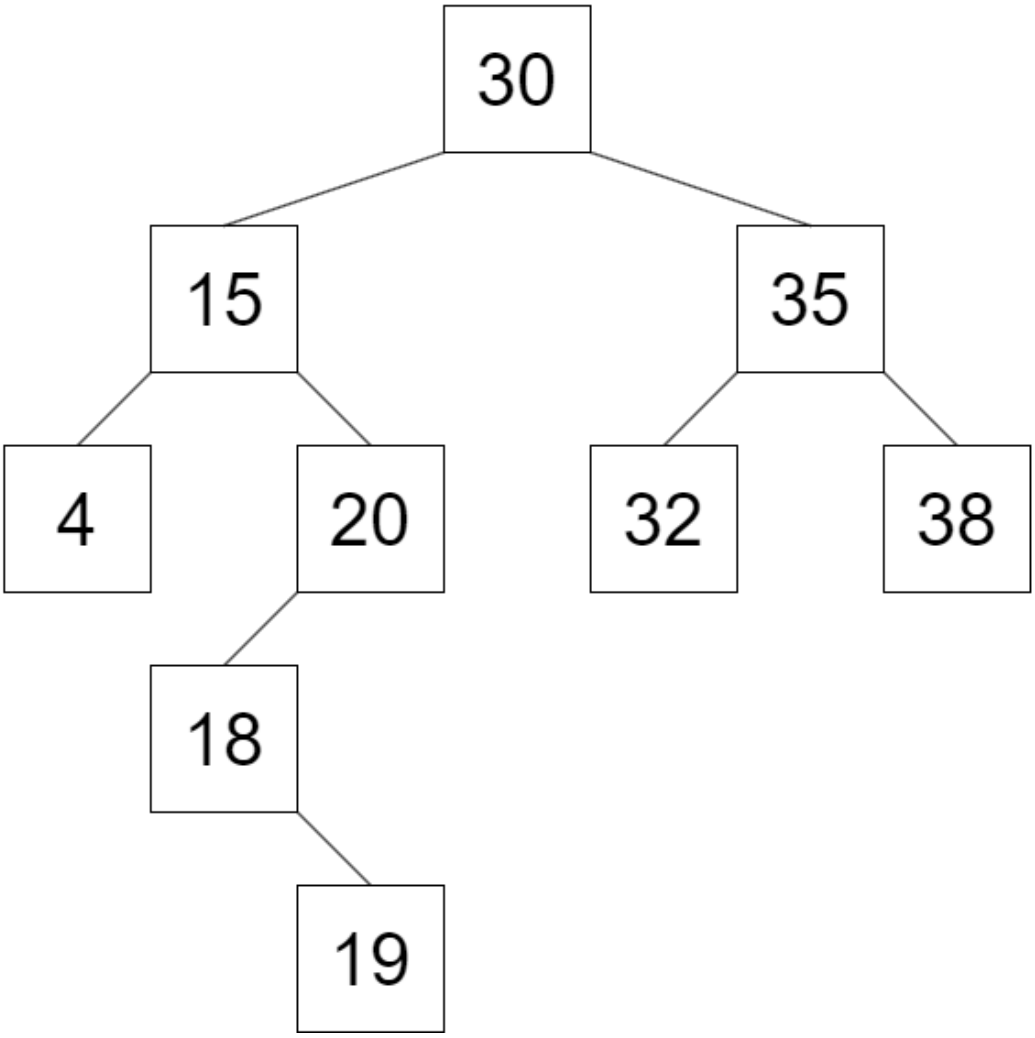
Inorder: x/y+3*b/c



Postorder: xyz+ab-c*/-



Preorder: *+a-xy/cd



to_string Tree