Lab9. Tree Traversal

In this lab, you need to implement few traversal for a tree.
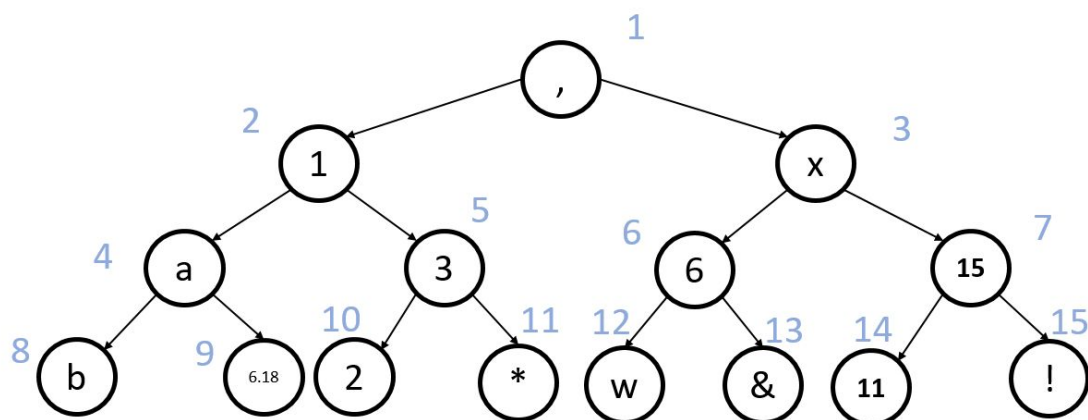
Note that:

You have to solve this question by linked list, and you can use string to store value in each node.

Input Format

Please construct the tree below.

After constructing the tree, you need to implement three ways of tree traversal for it.

Output Format

print out the tree with following traversal:
in-order
pre-order
post-order

Output

in-order:
b a 6.18 1 2 3 * , w 6 & x 11 15 !
pre-order:
, 1 a b 6.18 3 2 * x 6 w & 15 11 !
post-order:
b 6.18 a 2 * 3 1 w & 6 11 ! 15 x ,