

This program showcases a few different things. First, we get a few parameters from the user using `scanf`. Next, we use those parameters to loop through the creation of a tree struct. Finally, the tree is printed in three different ways: in-order, pre-order, and post-order.

In C, structs, and more so trees, are frequently used data structures that can get complicated quickly. It is important to understand how trees can be made using structs, as well as arrays, and how to print them. If you can print a tree, then you can traverse a tree. Meaning searching a tree for a specific value is made easier using depth-first or breadth-first searching algorithms.