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CSC 340
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Compiler G++ 1.8.3

Read Me

Instructions:

This program is intended to implemented the Tree Data Structure. The user is alloted the ability to insert, remove, check if full, check the height, check if the tree contains a specified item, and finally allows the user to print the tree in post, pre, and inorder formats.

```
$ ./driver

--- Testing node creation with value ---
PASS

--- Testing node children are null by default ---
PASS

--- Testing tree insert and contains ---
PASS

--- Testing tree remove ---
PASS

--- Testing tree height ---
PASS

PASS

PASS

PASS

--- Testing tree is full ---
PASS

PASS

--- Testing tree traversal: preorder 60 20 10 40 30 50 70 ---
60 20 10 40 30 50 70
--- Testing tree traversal: inorder 10 20 30 40 50 60 70 ---
10 20 30 40 50 60 70
--- Testing tree traversal: postorder 10 30 50 40 20 70 60 ---
10 30 50 40 20 70 60
```