Homework 7

See the code provided in the userid directory, which implements a Node class that allows binary trees to be built whose data is an Int object. Convert this code into a Template class that is parameterized by a single type T that is the type of the *data* field in Node. Types for T must be primitives or overload operator<, operator> and operator==. I have provided an Int class which meets these constraints. You should provide a Float class that also meets these conditions.

What to turn in:

Turn in your code in a directory called <**userid>**, where **<userid>** is your Purdue login/userid. `g++ *.cpp followed by ./a.out` in the **userid** directory should allow this code to compile and run. Zip up the userid directory and turn it in.

Grading:

1 point for compiling with templates implemented
3 points for working with Int
3 points for working with Float
3 points for working with float.