

Prelim Problem #7

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My binary search tree is implemented in the header file "BST.h" and is tested in a main function in "test.cpp". The main function creates an integer binary tree (I implemented the data structure as a template, since it's just as easy as implementing it for only integers) and tests its three main functions: inserting elements into the tree, searching the tree for a particular element, and outputting the tree in a sorted manner. The problem did not specify a preferred format for the output() function, so I chose to have my output() function return a sorted array.

To compile the program, simply run 'g++ -std=c++11 test.cpp' and to run the program, './a.out'.