CS 2750 **Project 2** **Spring 2017**

For your second project, you are going to use trees to sort a list of random integers. The list is to be read from the standard input, and the sorted list is to written to standard output at the end [in-order traversal of the tree]. This program must be written in C, not in C++.

I want you to put the tree routines in a separate file from the main program. You will need to also generate a .h file. As usual, I want you to write a Makefile to create the executable from the sources. As is usual, I do NOT want you to turn in the .o file or the executable. Make SURE that you check your permission in the turnin directory after you turn them in; I want NO subdirectory and I need at least 'read' permissions on all the files.

There is a file of 50 random integers between 1 and 10000 with the name `~schultemw/pub/cs2750/50.rand`, and a file of 800 random integers between 1 and 10000 with the name `~schultemw/pub/cs2750/800.rand`, which you can redirect into your program for a test.

Due Date: 03 Apr for the MW section; 04 Apr for the TTh section