CPSC 1070
Lab Project
Sept. 9, 2019

In the lab this week, you are to familiarize yourself with the Makefiles, how they are used and how they are constructed.

First, read through the Makefile tutorial linked to the lab schedule page on the website. After you have done that, download the `trymake.zip` file, and unzip it. In the resulting `trymake` directory, you will find five files: `tryit.c`, `sort.c`, `sort.h`, `readwrite.c`, and `readwrite.h`. `tryit` is the main program that reads a set of numbers and prints them out in sorted order, and `sort` and `readwrite` contain functions needed by `tryit`.

Your first job for this lab is to build a `Makefile` that when you type the command `make` will compile all of this code and link it together. Test it and revise until it works correctly.

Once you have done this successfully, follow the instructions in the 5th section of the tutorial, and reorganize your previous tiger lab. First, create a directory at the top of your directory hierarchy named `ezdraw`. Then move the files `ezdraw.h` and `libezdraw.a` to this directory. Modify the `Makefile` that you used for the tiger lab so that it works with this arrangement.

Finally, test this and demonstrate it to your lab TA before leaving the lab.