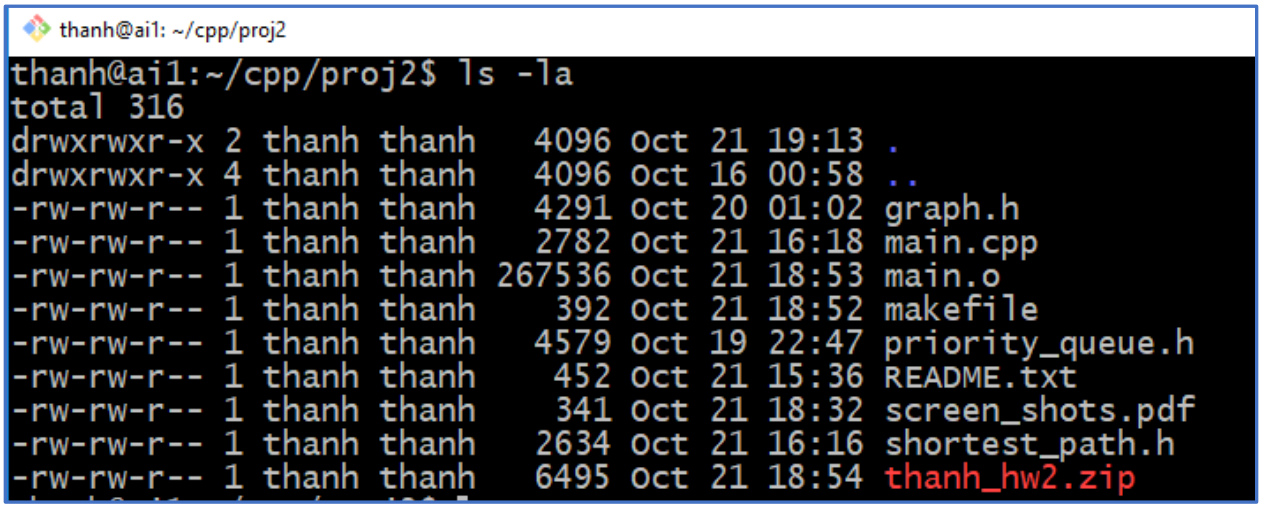
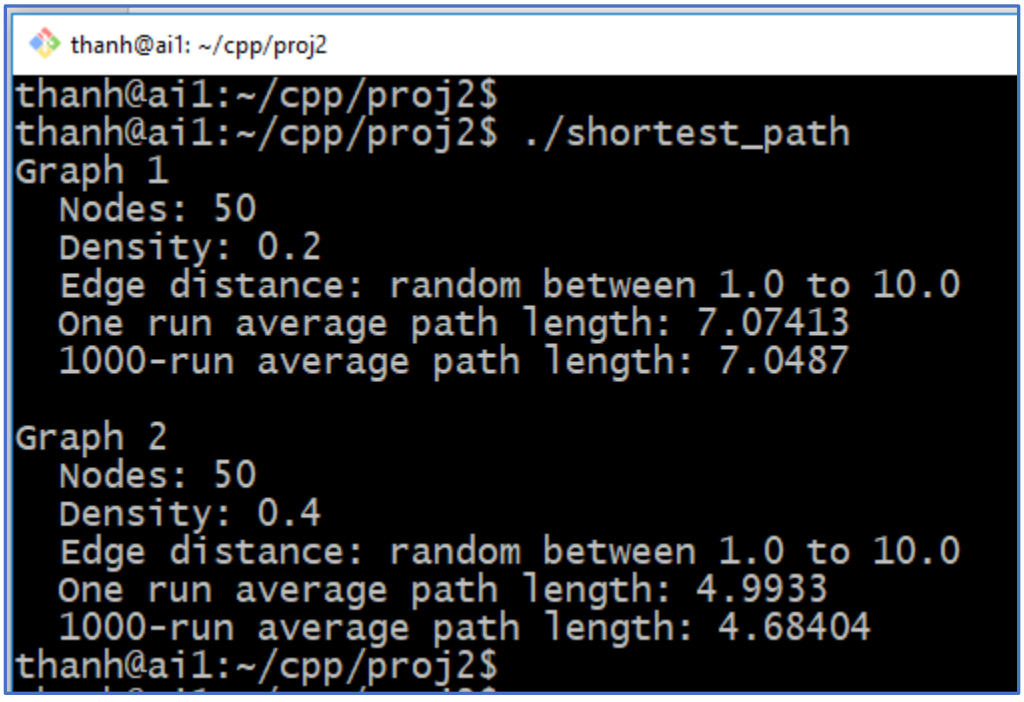
Compute shortest path average of random graphs with different edge densities

Screenshots of homework assignment #2

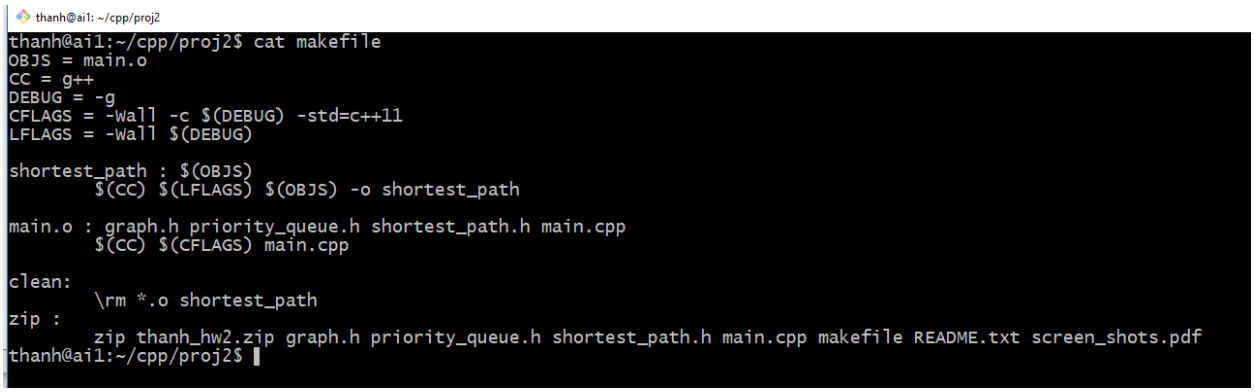
Screenshot #1 – list of submitted files inside thanh_hw2.zip



Screenshot #2 – output of the program on random graphs with 50 vertices, edge density 0.20 and 0.40 and random edge distance in the range [1.0, 10.0]



Appendix A - How to run compile and run the program



1. Create a new directory on your Linux (e.g. Ubuntu) machine
2. Unzip **thanh_hw2.zip** into the new directory created on above step
3. Type **make** and press ENTER to compile using gcc / g++ compiler
4. Type **./shortest_path** and press ENTER to run

- The program is compiled using the makefile as seen on the above screenshot
- The makefile uses standard GNU gcc/g++ compiler that comes by default as part of Ubuntu 16.04 Linux Operating System