To run this program:

Enter./qSim in the command line after the program is made with make.

The program will generate and print out the calculated and sim results side by side with description of both to mask confusion.

I could not get the sim results to match up exactly with the calculated results. Using the ssh server to do my program the results are never the same. Probably due to the fact that it’s an actual simulation it shouldn’t ever be the same. Some runs the results are pretty close, but other results they are not close at all.