Makefile is included. Run “make” to automatically compile program. Make will run the command “gcc main.c Heap.c FIFO\_Queue.c FileIO.c -lm”. The argument “-lm” is used for linking the math library, a requirement for using the “pow()” function. Make will create the executable “a.out”. The command “./a.out” will execute the program when a.out is located in the working directory.

Program will read input from a file called “runSimulation.txt” located in the same directory as the source files. “runSimulation.txt” contains 4 integers seperated by new lines. These integers are lambda, mu, M, and n respectively. Program will output the analytic results followed by the actual results based upon the simulation.