

Queueing System Simulation

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"/home/paul/Development/Fortran/Labs/MathModeling/Queueing System Simulation/cmake-build-debug/qss_ex1"
Simulation Stats
  Total servers:                2
  Total customers:              10000
  Total simulation time:        4949.5811754
  Average arrival time:         0.4949553
  Average service time:         0.3372818
  Average queue delay time:     0.0309208
  Average system time:          0.3682026
  Average queue length:         0.0250453
  Average customers in system:  0.7064804
  Server utilization:           0.6814351
  Refuse probability:           0.0004674
  Relative throughput:          0.9995326
  Absolute throughput:          0.4947239

Theoretical Stats
  Total servers:                2
  Average queue delay time:     0.0303361
  Average system time:          0.3795916
  Average queue length:         0.0606722
  Average customers in system:  0.6436508
  Refuse probability:           0.0021273
  Relative throughput:          0.9978727
  Absolute throughput:          0.4989363

Process finished with exit code 0
```