Solution to Problem 5.7

This network has the following solution.

For $Q_1$
- Mean Queue Length = 0.215188
- Mean Waiting Time = 0.074276
- Mean Throughput = 0.507190
- Visit Ratio = 1

For $Q_2$
- Mean Queue Length = 0.084750
- Mean Waiting Time = 0.020970
- Mean Throughput = 0.312766
- Visit Ratio = 0.61667

For $Q_3$
- Mean Queue Length = 0.774200
- Mean Waiting Time = 1.111678
- Mean Throughput = 0.295859
- Visit Ratio = 0.58333

For $Q_4$
- Mean Queue Length = 4.925900
- Mean Waiting Time = 7.918800
- Mean Throughput = 0.496620
- Visit Ratio = 0.97917