Solution to Problem 5.5

This network will have the following solution

For Q_1 Mean Queue Length = *0.090807*
                              Mean Waiting Time = *0.0025006*
                              Mean Throughput = *2.99687*
                              Visit Ratio = *1*

For Q_2 Mean Queue Length = *0.199096*
                              Mean Waiting Time = *0.065229*
                              Mean Throughput = *0.49958*
                              Visit Ratio = *0.1667*

For Q_3 Mean Queue Length = *3.7101*
                              Mean Waiting Time = *2.71435*
                              Mean Throughput = *0.99886*
                              Visit Ratio = *0.3333*