Q1

For $M/M/1$ queue model with $\lambda = 0.6$ and $\mu = 1$, calculate the values of L, L_Q, W, W_Q.

Q2

For $M/M/2$ queue model with $\lambda = 0.6$ and $\mu = 0.5$, calculate the values of L, L_Q, W, W_Q.

Q3

For $M/G/1$ queue model with $\lambda = 0.2$ and service time following $\text{Triangular}(1,3,6)$, calculate the values of ρ, L, L_Q, W, W_Q.

Q4

For $M/M/1/3$ queue model with $\lambda = 0.8$ and $\mu = 1$, calculate the values of L, L_Q, and W, W_Q for customers who entered the station and for all arrivals, respectively.