

CoderExpert

SINGLE SERVER QUEUE SIMULATION

GROCERY STORE CHECKOUT COUNTER

Report	
MEAN INTER-ARRIVAL TIME	4.5
MEAN SERVICE TIME	3.2
STANDARD DEVIATION OF SERVICE TIMES	0.6
NUMBER OF CUSTOMERS SERVED	1000
SERVER UTILIZATION	0.6979520754522942
MAXIMUM LINE LENGTH	9.0
AVERAGE RESPONSE TIME	7.497121716281706 MINUTES
PROPORTION WHO SPEND FOUR-MINUTES OR MORE IN SYSTEM	0.676
SIMULATION RUNLENGTH	4584.638450308848 MINUTES
NUMBER OF DEPARTURES	1000