DATE: **12/19/17**

CoderExpert

SINGLE SERVER QUEUE SIMULATION

GROCERY STORE CHECKOUT COUNTER

RESULT

MEAN INTER-ARRIVAL TIME	**4.5**
MEAN SERVICE TIME	**3.2**
STANDARD DEVIATION OF SERVICE TIMES	**0.6**
NUMBER OF CUSTOMERS SERVED	**1000.0**
SERVER UTILIZATION	**0.7103099744991545**
MAXIMUM LINE LENGTH	**8.0**
AVERAGE RESPONSE TIME	**6.535300599133357**
PROPORTION WHO SPEND FOUR - MINUTES OR MORE IN SYSTEM	**0.683**
SIMULATION RUN LENGTH	**4486.341312338275**
NUMBER OF DEPARTURES	**1000.0**

Program Run Time : **73.0 ms**