**CSCI 301 Moustafa Elsayed**

**Computer Science 2**

**Summary**

The program uses the inputs of the user to simulate a queueing system by creating multiple linked queues, then enqueue the time a customer has arrived based on the probability the user entered, then the assign a randomly generated transaction time to that customer and count down from there, representing the time a customer takes to finish the transaction. Then the program records the desired statistics and prints them along with the time of ticks the program has been running and the transaction times left and the number of queues left.