

Name: _____

- For each “minute” during the simulation, you’ll want to pick some order to perform these (and maybe more) things:
 - ⌚ check each teller to see if the front car has completed, if so increment the number of customers serviced and move the car out
 - ⌚ check to see if a new car arrives at the “unlimited-car line” according to the arrival probability for the current simulation, if so add the car to the queue with the current wall clock time stamp
 - ⌚ check if a teller is free and there is a car in their line, if so determine this car’s wait-time (difference between the current wall clock and the time stamp received upon entering the queue), and its transaction duration (2, 4, or 7 minutes)
 - ⌚ check to see if car(s) could move from the unlimited-car line to the teller line(s)
- At the end of the simulation duration, sum the size of the queues to determine the number of cars waiting at the end of the simulation.