

Problem #3

Queues:

What is my average customer wait time? 0.0535536 min

What is the max number of customers in the line? 5

```
Average Customer Wait Time: 0.0535536 minutes
Maximum Number of Clerks: 3
Customers left in line: 2
```

If you randomize servicing and arrival times by $\pm 50\%$ how does this change the results?

It changes the amount of clerks from 3 to 4 that will be added and also makes the wait time differ

```
Average Customer Wait Time: 0.0513013 minutes
Maximum Number of Clerks: 4
Customers left in line: 2
```