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**Section: SE - A**

Simulation and Modelling

2022

Quiz 02 & Quiz 03

May

# Quiz 02

Graphical user interface

Description automatically generated with medium confidence

### Average waiting time of customers in queue

1.5mins

### Total simulation time for 20 customers

98.3mins

### Comparison of both servers

Server 01 Average Service Time: 5.2mins

Server 02 Average Service Time: 5.0mins

**Server 02 Performed better.**

# Quiz 03

## Uniform Distribution

8.3 2 5.9 2.8 2.8 9.1 0.9 0.2 2.2 3.4 8.9 13.3 2.9 5.2 11.9 12.3 0.2 0.3 5.7 3.2

MLE:

## Exponential Distribution

3.1, 2.6, 8.8, 7.4, 5.1, 10.5, 6, 10, 8.4, 5.5, 6.5, 3.7, 4.2, 1.9, 1.2, 4.1, 2.3, 0.4, 4.3, 5.7