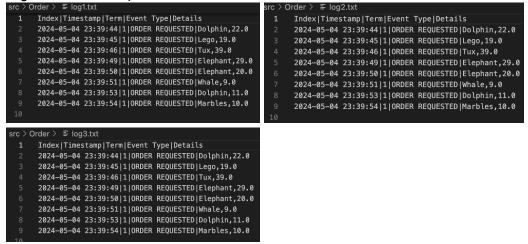
Lab3 Outputs - Raft

For Raft testing, we conducted experiments with no crash failures functioning correctly simulating a client with 10 requests and no probability.

client.py

```
Request: 6
Query TOY: Elephant
Toy URL: http://localhost:4773/product/Elephant
Toy Lookup Response: {'data': {'name': 'Elephant', 'price': 25.99, 'quantity': 26}}
Order request: {'name': 'Elephant', 'quantity': 20}
Buy Request Response: {'data': {'order_number': 4}}
Request: 7
Query TOY: Whale
Toy URL: http://localhost:4773/product/Whale
Toy Lookup Response: {'data': {'name': 'Whale', 'price': 10.89, 'quantity': 76}}
Order request: {'name': 'Whale', 'quantity': 9}
Buy Request Response: {'data': {'order_number': 5}}
Request: 8
Query TOY: Dolphin
Toy URL: http://localhost:4773/product/Dolphin
Toy Lookup Response: {'data': {'name': 'Dolphin', 'price': 15.99, 'quantity': 82}}
Order request: {'name': 'Dolphin', 'quantity': 11}
Buy Request Response: {'data': {'order_number': 6}}
Request: 9
Query TOY: Marbles
Toy URL: http://localhost:4773/product/Marbles
Toy Lookup Response: {'data': {'name': 'Marbles', 'price': 36.78, 'quantity': 19}}
Order request: {'name': 'Marbles', 'quantity': 10}
Buy Request Response: {'data': {'order_number': 7}}
Total lookup request: 10
Average lookup request latency: 0.07385189533233642
Total order request: 8
Average order request latency: 0.10523813962936401
gargeeshah@Gargees-MacBook-Air load test % \square
```

Log files for all 3 replicas



Output files for all replicas

```
src > Order > ■ order1.csv
                                             src > Order > III order2.csv
                                                    Order Number, Toy Name, Quantity
        Order Number, Toy Name, Quantity
        1,Dolphin,22.0
                                                    1,Dolphin,22.0
                                                    2,Lego,19.0
       2, Lego, 19.0
                                                    3,Tux,39.0
       3,Tux,39.0
                                                    4, Elephant, 20.0
       4, Elephant, 20.0
                                                    5, Whale, 9.0
        5, Whale, 9.0
                                                    6,Dolphin,11.0
        6,Dolphin,11.0
                                                    7, Marbles, 10.0
        7, Marbles, 10.0
src > Order > III order3.csv
        Order Number, Toy Name, Quantity
        1,Dolphin,22.0
        2, Lego, 19.0
        3,Tux,39.0
        4, Elephant, 20.0
        5, Whale, 9.0
        6,Dolphin,11.0
        7, Marbles, 10.0
```