

The expected throughput using Little Law's prediction: $64.9 * 50 = 3245$

```
Wall Time: 154644 ms
The number of threads: 1
The number of successful requests: 10000
The number of unsuccessful requests: 0
The average latency: 15
The total throughput: 64.93506493506493(requests/second)
```

Part1

```
Wall Time: 171925 ms
The number of threads: 50
The number of successful requests: 500000
The number of unsuccessful requests: 0
The average latency: 17
The total throughput: 2923.9766081871344(requests/second)
```

Part2

```
The mean response time: 17.3565112192294 milliseconds
The median response time: 16 milliseconds
The total throughput: 2873.5632183908046(requests/second)
The p99 response time: 43 milliseconds
The max response time: 1580 milliseconds
The min response time: 10 milliseconds|
```

Task 4

