MMc

To have this assignment evaluated for the in-class exam, please upload on WeBeep a ZIP file including:

- the source code used to solve this assignment
- this file, with the table below properly filled

| Name (Family + given) | | Romito Alessandro |
|---|-----------------------|-------------------|
| Student ID (codice persona) | | 10661916 |
| QR-code ID (8 digits of the QR that was given you) | | 34392705 |
| | Single server | Two servers |
| Average utilization | | 0.6375 |
| Total utilization | 0.750000000000000 | 1.275 |
| The probability of having exactly one job in the system | 0.187500000000000 | 0.282252 |
| The probability of having less than 4 jobs in the system | 0.683593750000000 | 0.79827 |
| The average queue length (job not in service) | 2.2500000000000000 | 0.872934 |
| The average response time | 0.060000000000000 | 0.0252698 |
| The probability that the response time is greater than 0.5 s. | 2.403694764195141e-04 | |
| The 90 percentile of the response time distribution | 0.138155105579643 | |