**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) | | Makovec Matteo |
| Student ID (codice persona) | | 10782774 |
| QR-code ID (8 digits of the QR that was given you) | | 24499815 |
|  | Single server | Two servers |
| Average utilization |  | 0.637500 |
| Total utilization | 0.750000 | 1.275000 |
| The probability of having exactly one job in the system | 0.187500 | 0.282252 |
| The probability of having less than 4 jobs in the system | 0.683594 | 0.798270 |
| The average queue length (job not in service) | 2.250000 | 0.872934 |
| The average response time | 0.060000 | 0.025270 |
| The probability that the response time is greater than 0.5 s. | 0.000240 |  |
| The 90 percentile of the response time distribution | 0.138155 |  |