Basic Performance Indices and Workloads

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)		Demasi Giovanni
Student ID (codice persona)		10656704
QR-code ID (8 digits of the QR that was given you)		71847928
apachel.log	Arrival rate and throughput	0,5040 jobs/second
	Average inter-arrival time	1,9841 seconds
	Busy time	1784,6380 seconds
	Utilization	0,8986
	W	12975,1440 job·seconds
	Average Service Time	1,7829 seconds
	Average Number of Jobs	6,5330 jobs
	Average Response Time	12,9622 seconds
	Probability of having m jobs in the web server with $m = 0$	0,1014
	Probability of having m jobs in the web server with $m = 1$	0,0986
	Probability of having m jobs in the web server with $m = 2$	0,1134
	Probability of having m jobs in the web server with $m = 3$	0,0930
	Probability of having a response time less than $\tau = 1 s$	0,0440
	Probability of having a response time less than $\tau = 5$ s	0,2847
	Probability of having a response time less than $\tau = 10 s$	0,5085
	Arrival rate and throughput	0,5293 jobs/second
	7 ii ii da ii da	0,3233 3003/3000114
	Average inter-arrival time	1,8893 seconds
	Average inter-arrival time	1,8893 seconds
)g	Average inter-arrival time Busy time	1,8893 seconds 1784,6380 seconds
log	Average inter-arrival time Busy time Utilization	1,8893 seconds 1784,6380 seconds 0,9437
2.log	Average inter-arrival time Busy time Utilization W	1,8893 seconds 1784,6380 seconds 0,9437 39062,7520 job·seconds
le2.log	Average inter-arrival time Busy time Utilization W Average Service Time	1,8893 seconds 1784,6380 seconds 0,9437 39062,7520 job·seconds 1,7829 seconds
che2.log	Average inter-arrival time Busy time Utilization W Average Service Time Average Number of Jobs	1,8893 seconds 1784,6380 seconds 0,9437 39062,7520 job·seconds 1,7829 seconds 20,6556 jobs
ache2.log	Average inter-arrival time Busy time Utilization W Average Service Time Average Number of Jobs Average Response Time	1,8893 seconds 1784,6380 seconds 0,9437 39062,7520 job·seconds 1,7829 seconds 20,6556 jobs 39,0237 seconds
Apache2.log	Average inter-arrival time Busy time Utilization W Average Service Time Average Number of Jobs Average Response Time Probability of having m jobs in the web server with m = 0	1,8893 seconds 1784,6380 seconds 0,9437 39062,7520 job·seconds 1,7829 seconds 20,6556 jobs 39,0237 seconds 0,0563
Apache2.log	Average inter-arrival time Busy time Utilization W Average Service Time Average Number of Jobs Average Response Time Probability of having m jobs in the web server with m = 0 Probability of having m jobs in the web server with m = 1	1,8893 seconds 1784,6380 seconds 0,9437 39062,7520 job·seconds 1,7829 seconds 20,6556 jobs 39,0237 seconds 0,0563 0,0217
Apache2.log	Average inter-arrival time Busy time Utilization W Average Service Time Average Number of Jobs Average Response Time Probability of having m jobs in the web server with m = 0 Probability of having m jobs in the web server with m = 1 Probability of having m jobs in the web server with m = 2	1,8893 seconds 1784,6380 seconds 0,9437 39062,7520 job·seconds 1,7829 seconds 20,6556 jobs 39,0237 seconds 0,0563 0,0217 0,0169
Apache2.log	Average inter-arrival time Busy time Utilization W Average Service Time Average Number of Jobs Average Response Time Probability of having m jobs in the web server with m = 0 Probability of having m jobs in the web server with m = 1 Probability of having m jobs in the web server with m = 2 Probability of having m jobs in the web server with m = 3	1,8893 seconds 1784,6380 seconds 0,9437 39062,7520 job·seconds 1,7829 seconds 20,6556 jobs 39,0237 seconds 0,0563 0,0217 0,0169 0,0099