

Shandilya, Anshul
 Prof. Mitchell
 CSC 148
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Homework #2 Submission

HandIn #1 -

Table 1 – Runs without server congestion

λ 1.0 fixed	μ 0.25 fixed	hps degree	gpss result ρ (%)	avg(Wcj)	L = avg(n(t))	MAX L in S	RN1 seed	RN2 seed
Fixed	Fixed	8	0.986	63.235	62.585	186	7896	1000
Fixed	Fixed	16	0.504	4.141	4.138	17	5475	9874
Fixed	Fixed	32	0.252	4.014	4.018	14	6546	4158
Fixed	Fixed	64	0.123	3.915	3.912	13	1234	3512

Table 2 – Runs with server congestion

λ 1.0 fixed	μ 0.25 fixed	hps degree	gpss result ρ (%)	avg(Wcj)	L = avg(n(t))	MAX L in S	RN1 seed	RN2 seed
Fixed	Fixed	8	0.999	3001.907	2995.910	6076	9999	8888
Fixed	Fixed	32	0.994	689.772	687.643	1345	6543	7328
Fixed	Fixed	128	0.072	4.552	4.558	19	7539	2457
Fixed	Fixed	512	0.016	4.123	4.163	16	4444	8899

HandIn #2 –

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QUEUE          MAX CONT. ENTRY ENTRY(0) AVE.CONT. AVE.TIME  AVE. (-0) RETRY
PS_RES_TIME    1114 1112  11112      0    614.061    616.986    616.986    0
SVR_WAIT       1101 1100  11112     89    597.602    600.448    605.296    0
PS_SVR         19   12   10012     0     16.459     18.355     18.355    0
  
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STORAGE        CAP. REM. MIN. MAX.  ENTRIES AVL.  AVE.C. UTIL. RETRY DELAY
PS             32   30   0    32    19424    1    0.098  0.003 1100    0
  
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