QUEUEING OUTPUT ANALYSIS

Title: Queuing models
Scenario 1-- (M/M/1):(GD/infinity/infinity)

Lambda =   6.00000   Mu =   8.00000
Lambda eff = 6.00000   Rho/c =   0.75000

Ls =   3.00000   Lq =   2.25000
Ws =   0.50000   Wq =   0.37500

n	Probability, pn	Cumulative, Pn	n	Probability, pn	Cumulative, Pn
0	0.25000	0.25000	18	0.00141	0.99577
1	0.18750	0.43750	19	0.00106	0.99683
2	0.14063	0.57813	20	0.00079	0.99762
3	0.10547	0.68359	21	0.00059	0.99822
4	0.07910	0.76270	22	0.00045	0.99866
5	0.05933	0.82202	23	0.00033	0.99900
6	0.04449	0.86652	24	0.00025	0.99925
7	0.03337	0.89989	25	0.00019	0.99944
8	0.02503	0.92492	26	0.00014	0.99958
9	0.01877	0.94369	27	0.00011	0.99968
10	0.01408	0.95776	28	0.00008	0.99976
11	0.01056	0.96832	29	0.00006	0.99982
12	0.00792	0.97624	30	0.00004	0.99987
13	0.00594	0.98218	31	0.00003	0.99990
14	0.00445	0.98664	32	0.00003	0.99992
15	0.00334	0.98998	33	0.00002	0.99994
16	0.00251	0.99248	34	0.00001	0.99996
17	0.00188	0.99436	35	0.00001	0.99997