def seedLCG(initVal):

global rand

rand = initVal

def lcg():

a = 1140671485

c = 128201163

m = 2\*\*24

global rand

rand = (a\*rand + c) % m

return rand / m

seedLCG(1)

for i in range(10):

print lcg()

Use utilization as measure.

T-test on simulated mean and expected mean of M/M/1.

Create 95% confidence interval (count how many times my mean wasn’t covereged in the C.I.) over all reps. There should be about 5% of them that don’t fall in the interval through all of the reps.

Warmup means don’t record stats for 100 hours. Don’t take data until 100 hours. Was there a significant difference in that?

For the reps

For i in range(30):

setLCG(i)

DO SIM

COLLECT DATA

G/G/1 is the same thing but with the distribution changed. Arrival distribution is specified, take a random number of pump it into the function for the value.