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Script started on Mon 22 Sep 2014 10:59:55 PM CDT
driscoll$ make clean all
rm -rf *.o ~~ sim_fcfs sim_sjn sim_rr sim_mlg
gcc -c -Wall -o scheduler_fcfs.o scheduler_fcfs.c
gcc -c -Wall -DOVERHEAD=0.03 -DQUANTUM=0.0 -o nonpreemptive_scheduler_simulation.o
  scheduler_simulation.c
gcc -c -Wall -o eventq.o eventq.c
gcc -c -Wall -o stats.o stats.c
gcc -lm -o sim_fcfs scheduler_fcfs.o nonpreemptive_scheduler_simulation.o eventq.o
stats.o
gcc -c -Wall -o scheduler_sjn.o scheduler_sjn.c
gcc -lm -o sim_sjn scheduler_sjn.o nonpreemptive_scheduler_simulation.o eventq.o st
ats.o
gcc -c -Wall -DOVERHEAD=0.03 -DQUANTUM=0.1 -o rr_scheduler_simulation.o scheduler_
simulation.c
gcc -lm -o sim_rr scheduler_fcfs.o rr_scheduler_simulation.o eventq.o stats.o
gcc -c -Wall -DNUM_PRIORITY_LEVELS=5 -o scheduler_mlg.o scheduler_mlg.c
gcc -c -Wall \
  -DOVERHEAD=0.03 -DQUANTUM=0.1 \
  -DNUM_PRIORITY_LEVELS=5 -o mlg_scheduler_simulation.o scheduler_simulation.
c
gcc -lm -DNUM_PRIORITY_LEVELS=5 -o sim_mlg scheduler_mlg.o mlg_scheduler_simulation
.o eventq.o stats.o
driscoll$ ./sim_fcfs
Beginning simulation
Scheduler overhead: 0.03
Time quantum: 0.00
reading job list from file: "scheduler_job_data.txt"
Simulation completed
Summary statistics:
  Current time: 796.15
  Number of jobs started: 22
  Number of jobs completed: 22
  System throughput: 0.0276 jobs per unit time
  Total proc time: 713.42
  Total turnaround time: 1352.37
  Total wait time: 638.95
  Average turnaround time: 61.47
  Average wait time: 29.04
driscoll$ ./sim_sjn
Beginning simulation
Scheduler overhead: 0.03
Time quantum: 0.00
reading job list from file: "scheduler_job_data.txt"
Simulation completed
Summary statistics:
  Current time: 796.15
  Number of jobs started: 22
  Number of jobs completed: 22
  System throughput: 0.0276 jobs per unit time
  Total proc time: 713.42
  Total turnaround time: 1271.28
  Total wait time: 557.86
  Average turnaround time: 57.79
  Average wait time: 25.36
driscoll$ ./sim_rr
Beginning simulation
Scheduler overhead: 0.03
Time quantum: 0.10
reading job list from file: "scheduler_job_data.txt"
Simulation completed
Summary statistics:
  Current time: 1001.25
  Number of jobs started: 22
  Number of jobs completed: 22
  System throughput: 0.0220 jobs per unit time
  Total proc time: 1.32
  Total turnaround time: 5265.81
  Total wait time: 14.56
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  Average turnaround time: 239.36
  Average wait time: 0.66
driscoll$ ./sim_mlg
Beginning simulation
Scheduler overhead: 0.03
Time quantum: 0.10
reading job list from file: "scheduler_job_data.txt"
Simulation completed
Summary statistics:
  Current time: 729.03
  Number of jobs started: 1
  Number of jobs completed: 0
  System throughput: 0.0014 jobs per unit time
  Total proc time: 0.00
  Total turnaround time: 0.00
  Total wait time: 0.03
  Average turnaround time: 0.00
  Average wait time: 0.03
driscoll$ exit
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Script done on Mon 22 Sep 2014 11:00:30 PM CDT