

Quiz 4

13 December 2011

Below is a table of jobs that we must schedule on a batch operating system.

JOB	RUN TIME
J1	10 seconds
J2	5 seconds
J3	2 seconds
J4	8 seconds

1. Create a time-line to illustrate the First-Come First-Served (FCFS) strategy. It should include the start/stop times of each job.
2. Compute the average *turnaround* time of the four jobs using your FCFS time-line from the previous question.
3. Create a time-line to illustrate the Shortest Job Next (SJN) strategy. It should include the start/stop times of each job.
4. Compute the average *turnaround* time of the four jobs using your SJN time-line from the previous question.