

Outline for April 23, 2008

Reading: Text, §4.4

1. Greetings and felicitations!
 2. Kinds of process schedulers
 - a. Long-term scheduler
 - b. Short-term scheduler
 - c. Medium-term scheduler
 3. Scheduling considerations and overview
 - a. Metrics: throughput, turnaround, response, resource use, waiting time, consistency
 - b. Distinguishing characteristics of processes such as priority, anticipated resource need (including running time), running time, resources used so far, interactive/non-interactive, frequency of I/O requests, time spent waiting for service
 4. Scheduling Algorithms
 - a. First Come, First Served (FCFS)
 - b. Shortest Job Next (SJN), Shortest Job First (SJF), Shortest Process Next (SPN)
- to be continued*