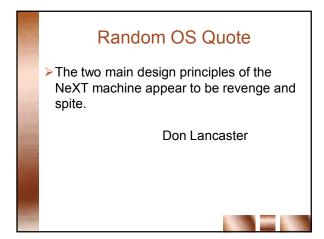
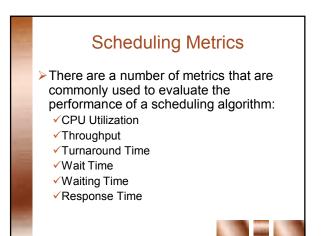


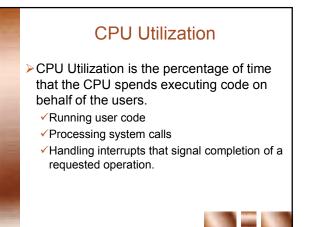
## Real World Scheduling Analogies

Which type of scheduling (preemptive / non-preemptive) occurs in the following settings?

- ✓Restaurant
- Hospital emergency room
- ✓Professor's office hours

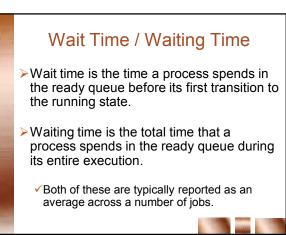


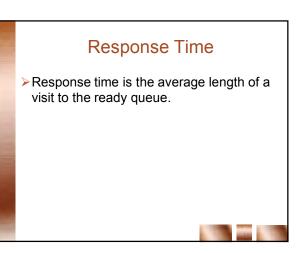


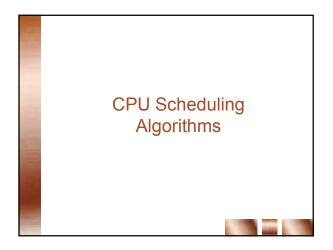




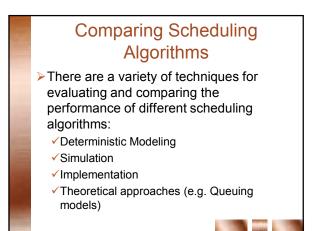
- Throughput is the average number of processes completed per time unit.
   ✓E.g. 10 jobs / minute
- Turnaround time is the total time from when a process first enters the ready state to the last time it leaves the running state. Typically averaged across a number of jobs.

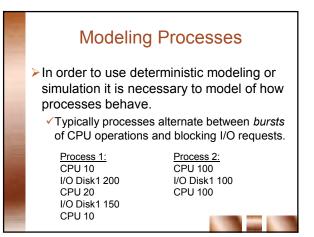


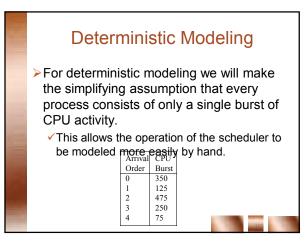


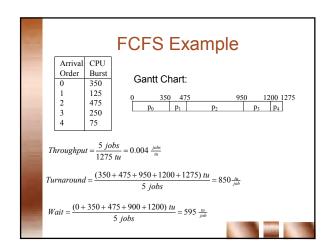


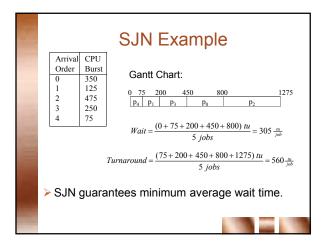


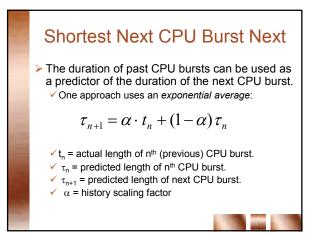


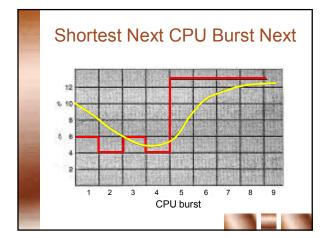


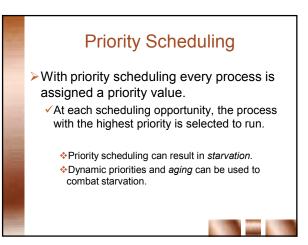


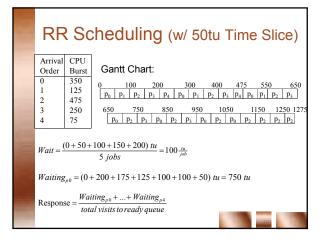


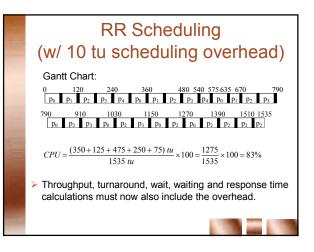


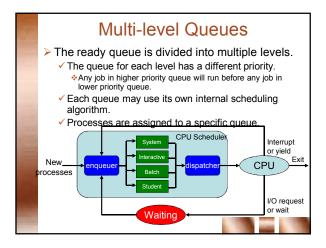


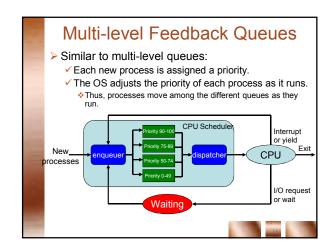


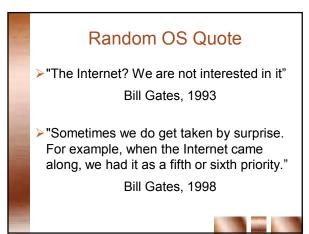


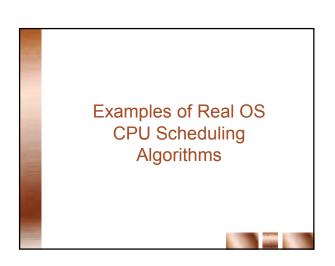


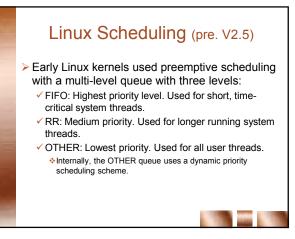


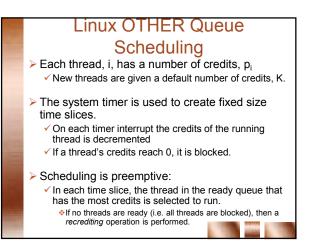


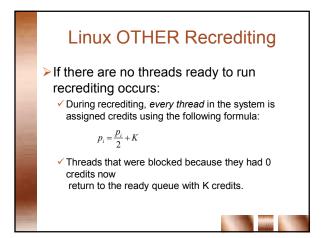


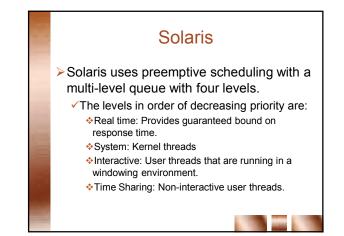


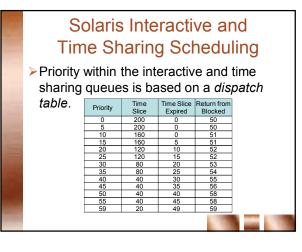


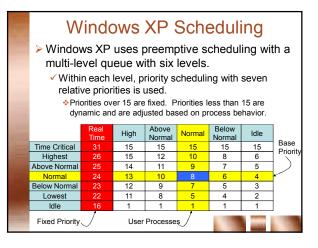


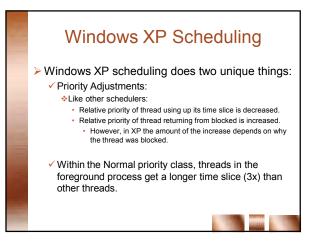


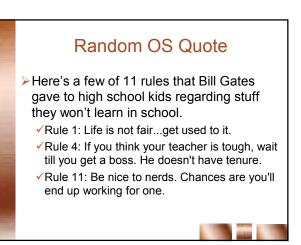




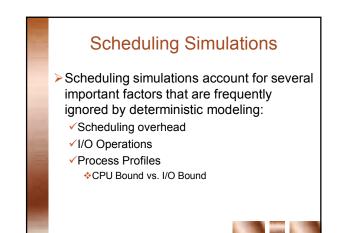


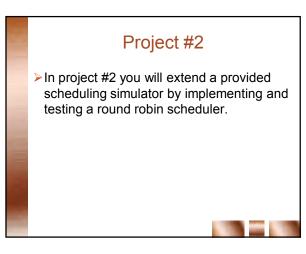


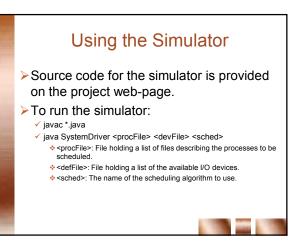


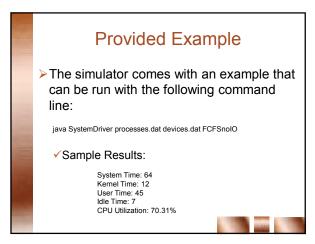


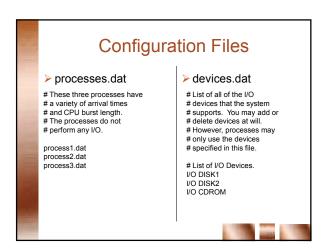












Process Descriptio	n File	es	
# Process name: must be unique among all # processes for any given simulation. PROCESS5			
# Process arrival time: 15			
<ul> <li># Process profile. This must begin with</li> <li># START and end with EXIT. Also every process</li> <li># must start and end with a CPU burst. That is,</li> <li># the first line after START and the last line</li> <li># before EXIT must be CPU bursts. In between</li> <li># the lines may be: # CPU ctime&gt;</li> <li># L0 device&gt; &lt; time&gt;</li> <li>START</li> <li>CPU 25</li> <li>IO DISK1 100</li> <li>CPU 15</li> <li>IO CDROM 50</li> <li>CPU 25</li> <li>EXIT</li> </ul>			

