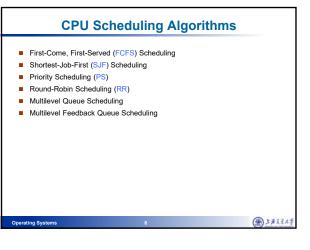
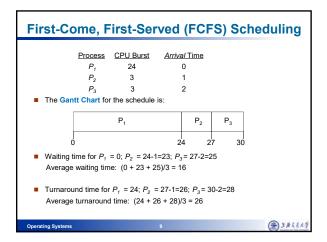
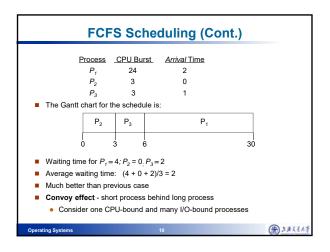


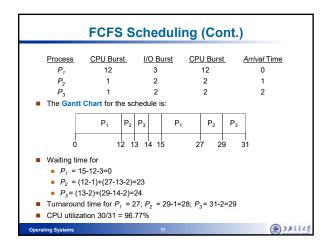
() JALLA

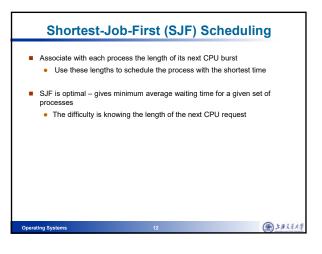


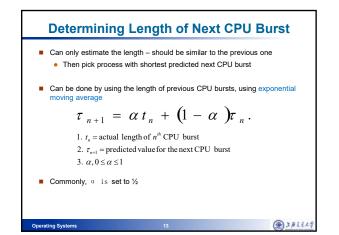


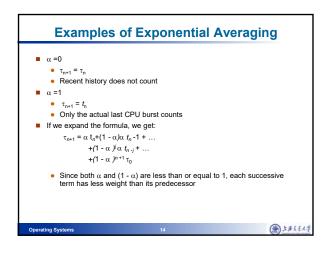
ng System

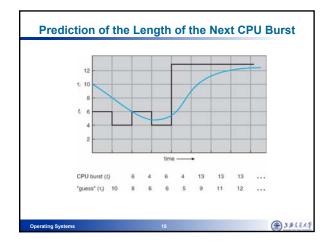


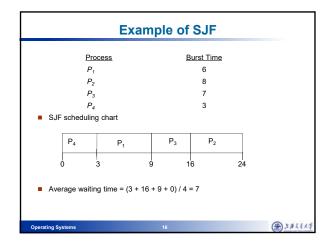


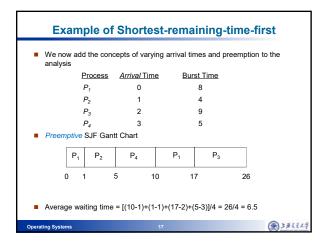


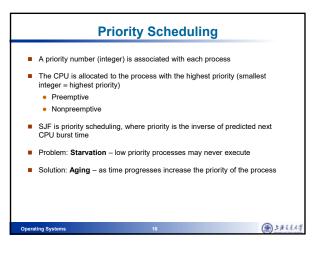


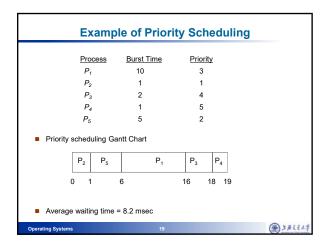


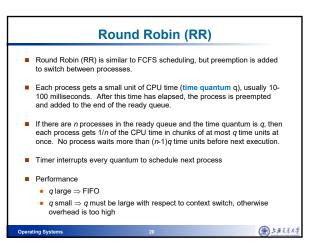


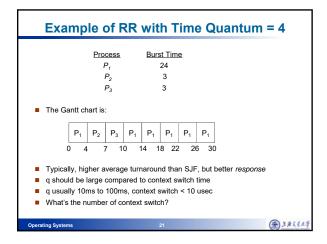


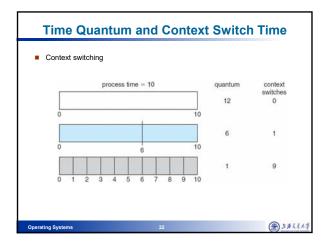


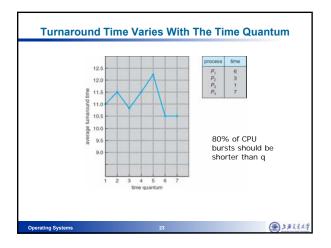


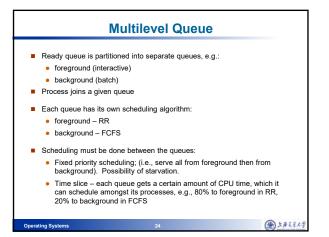


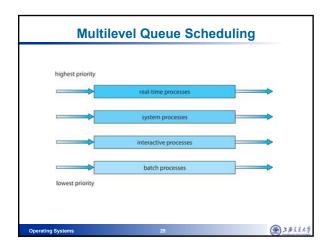


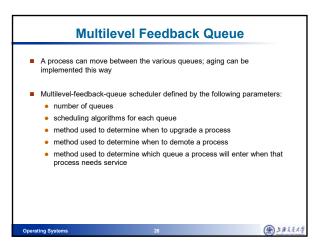


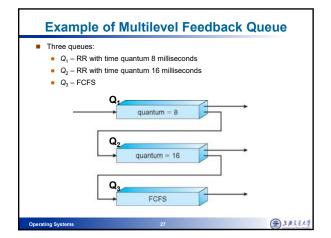


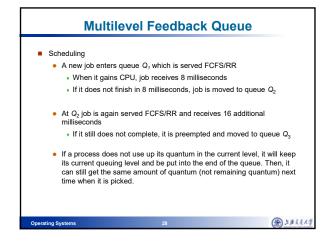


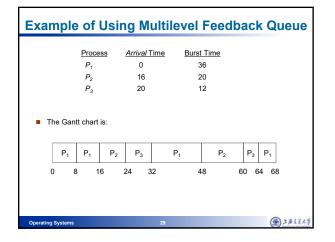


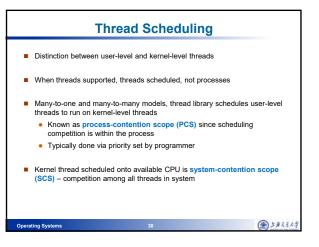


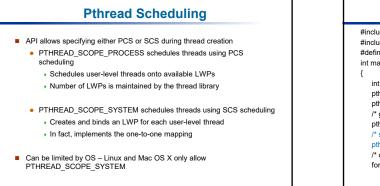




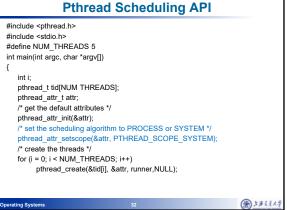


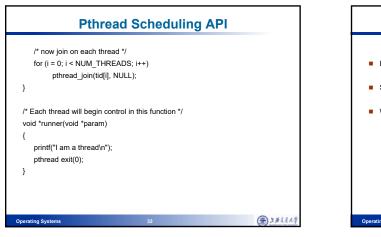


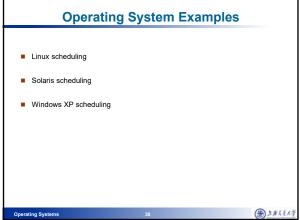


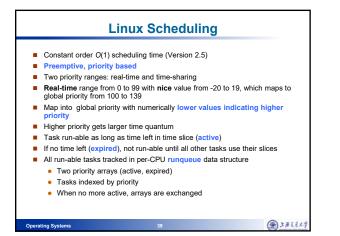


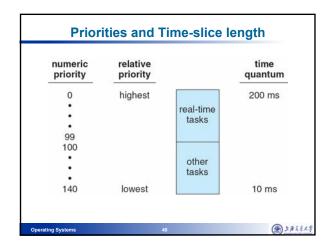
-

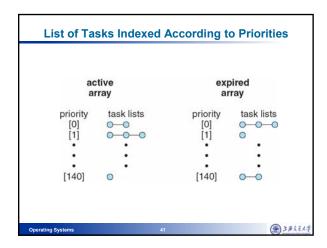


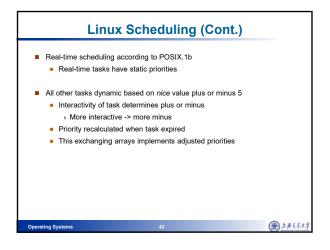


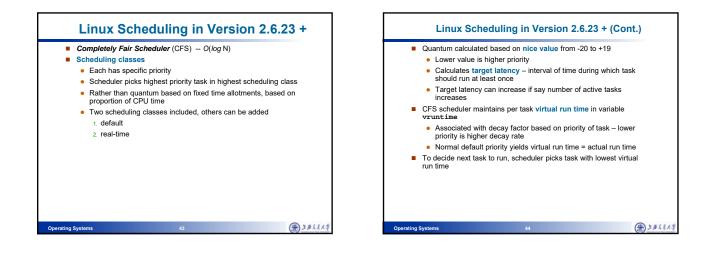






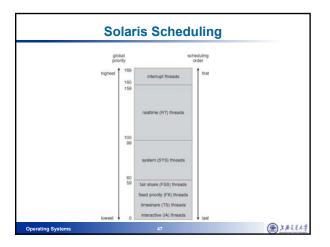


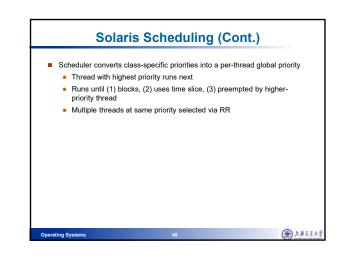


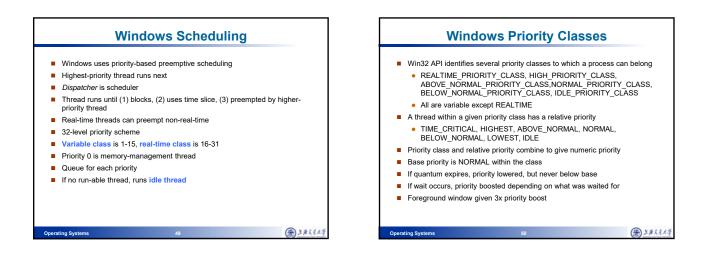


Solaris	
Priority-based scheduling	
Six classes available	
<ul> <li>Time sharing (default)</li> </ul>	
Interactive	
Real time	
System	
Fair Share	
Fixed priority	
Given thread can be in one class at a time	
<ul> <li>Each class has its own scheduling algorithm</li> </ul>	
Time sharing is multi-level feedback queue	
<ul> <li>Loadable table configurable by sysadmin</li> </ul>	
Operating Systems 45	(金) 生產之主人

	ris Disp			
priority	time quantum	time quantum expired	return from sleep	
0	200	0	50	
5	200	0	50	
10	160	0	51	
15	160	5	51	
20	120	10	52	
25	120	15	52	
30	80	20	53	
35	80	25	54	
40	40	30	55	
45	40	35	56	
50	40	40	58	
55	40	45	58	
59	20	49	59	







	real- time	high	above normal	normal	below normal	idle priorit
time-critical	31	15	15	15	15	15
highest	26	15	12	10	8	6
above normal	25	14	11	9	7	5
normal	24	13	10	8	6	4
below normal	23	12	9	7	5	3
lowest	22	11	8	6	4	2
idle	16	1	1	1	1	1

Pop Quiz							
	Process	Burst Time	Priority	Arrival Time			
	P1	10	3	0			
	P2	1	1	1			
	P3	4	3	3			
	P4	2	4	4			
	P5	5	2	5			
<ol> <li>Draw Gantt charts to illustrate the execution of the processes using the following scheduling algorithm:</li> </ol>							
(1) FCFS, (2) nonpreemptive SJF, (3) preemptive SJF, (4) nonpreemptive priority, (5) preemptive priority, and (6) RR with time quantum=2							
2. Calculate the average turnaround time when using each of the above scheduling algorithms							
3. Count the number of context switches when using each of the above scheduling algorithms							
iting Sy	stems		52				

Homework				
<ul> <li>Reading</li> <li>Chapter 5</li> </ul>				
<ul> <li>Exercise</li> <li>See course website</li> </ul>				
Operating Systems	53	<u>الله المعامة (المعامة المعامة المعامة</u>		