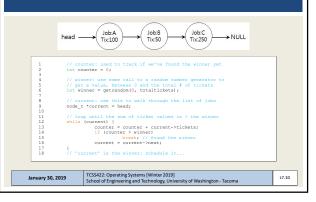
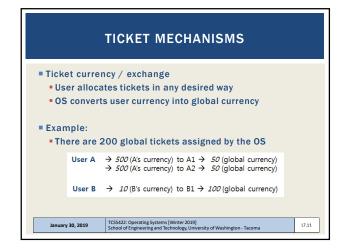
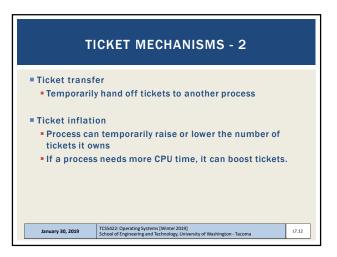
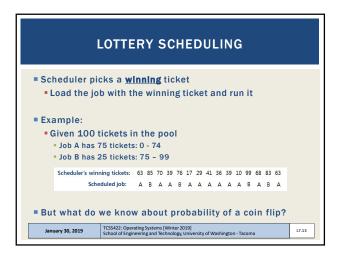


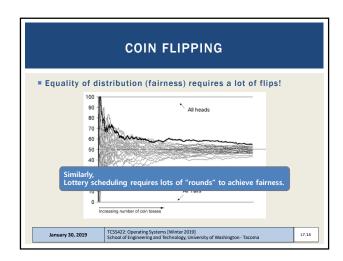
LOTTERY SCHEDULER IMPLEMENTATION

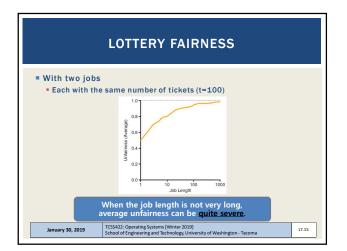


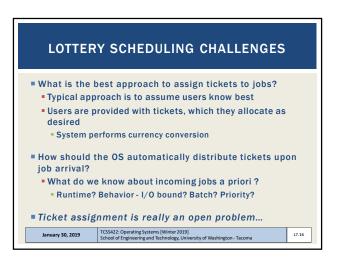


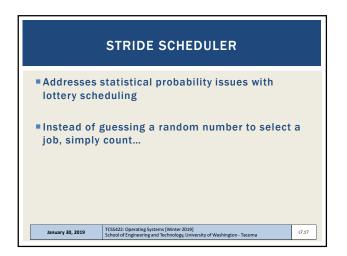


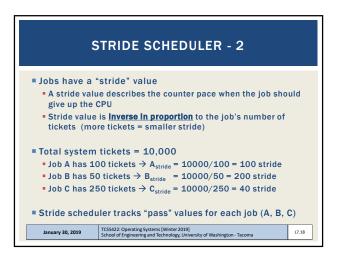


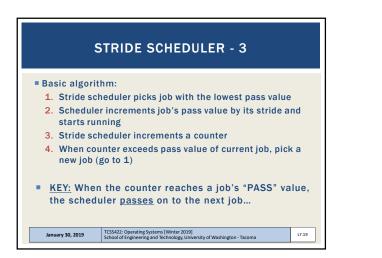


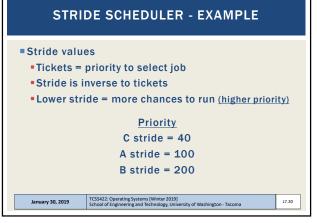


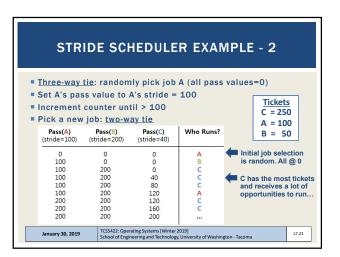


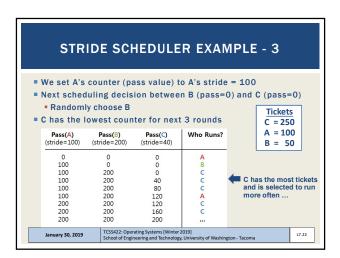


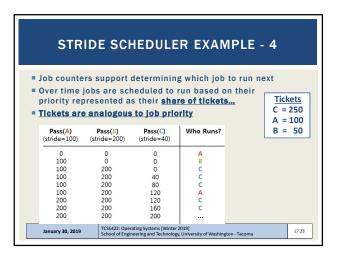


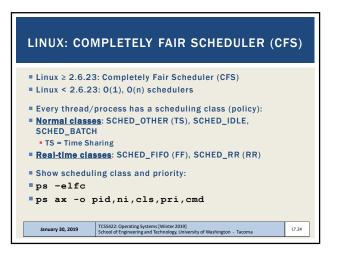


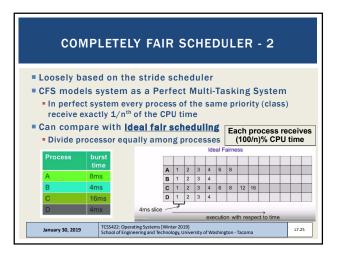


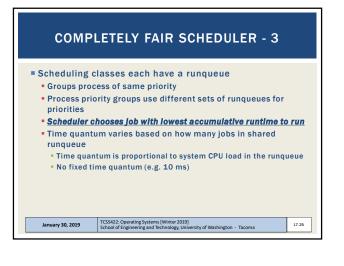


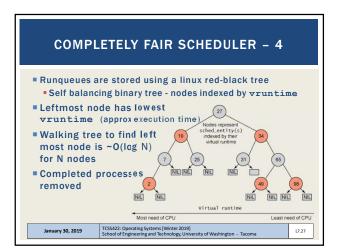




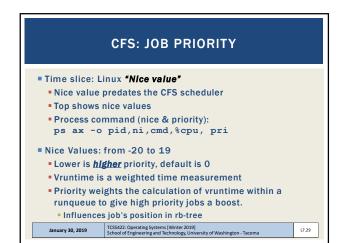


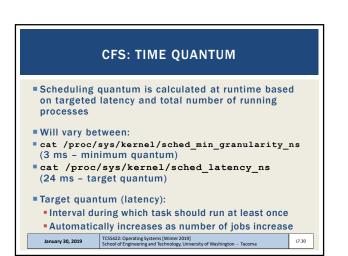


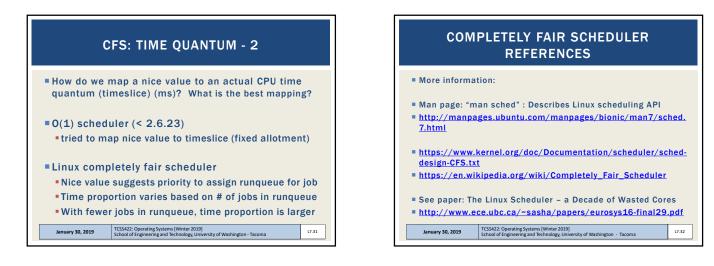


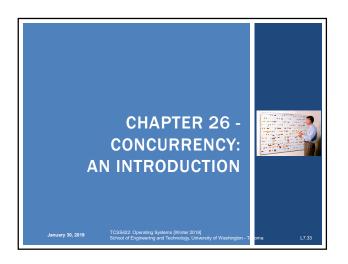


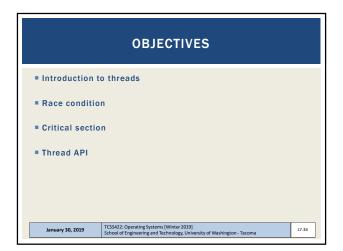


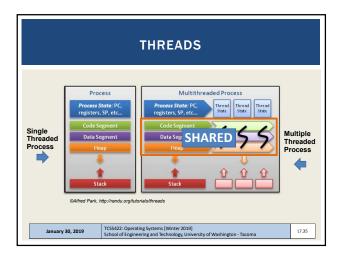




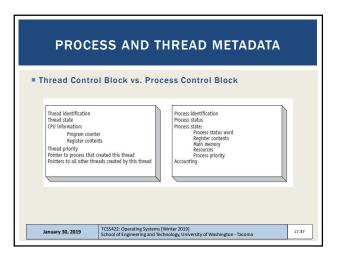


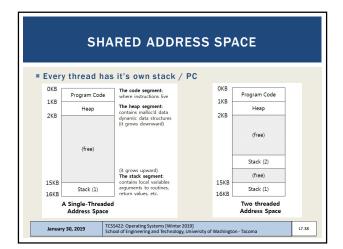


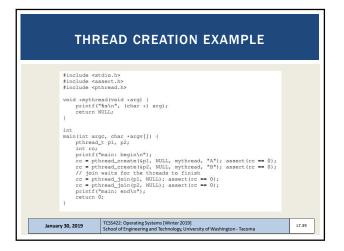


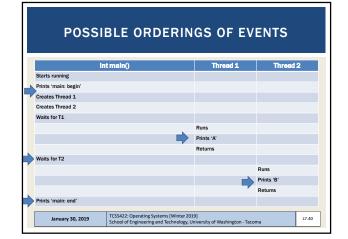


	THREADS - 2
	gle process (program) to have multiple "workers" al programming
Supports inde with shared m	pendent path(s) of execution within a program emory
 Each thread h PC, registers, 	as its own Thread Control Block (TCB) SP, and stack
Threads share	code segment, memory, and heap are shared
= <u>What Is an em</u>	<u>barrassingly parallel program?</u>
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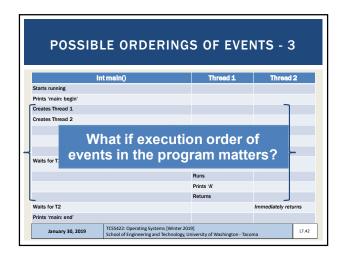


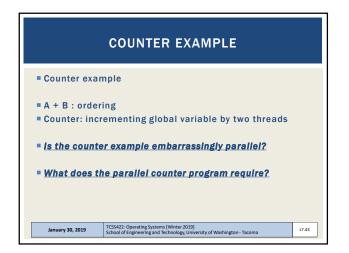


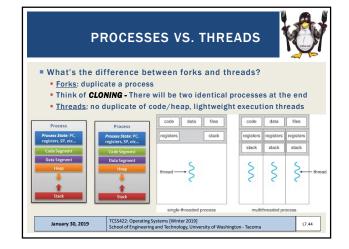


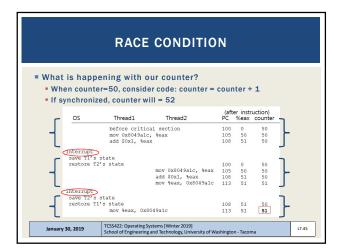


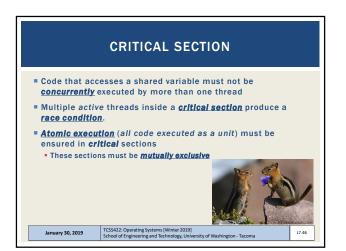
POSSIB		GS OF EVE	NTS - 2	
ir	nt main()	Thread 1	Thread 2	
Starts running				
Prints 'main: begin'				
Creates Thread 1			٦	
		Runs		
		Prints 'A'		
		Returns		
Creates Thread 2			-	
			Runs	
			Prints 'B'	
			Returns	
Waits for T1		Returns immediately		
Waits for T2			Returns immediately	
Prints 'main: end'				
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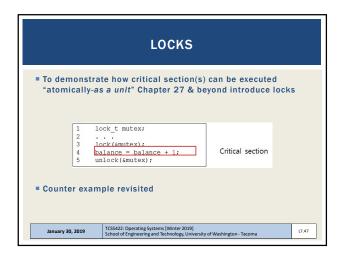


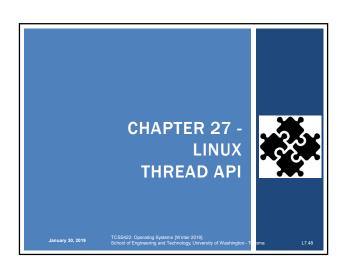












	TUR			
	IHR	READ CRE	ATION	
pthread_cr	reate			
#include	<pre>> <pthread.h></pthread.h></pre>			7
int				
pthread_		pthread_t* pthread attr t*		
	compe		<pre>(*start_routine)(void*), arg);</pre>	
				-
thread: thr				
		duling priority		
		n pointer to th		
arg: argum	ent to pass	s to thread rou	tine (optional)	

