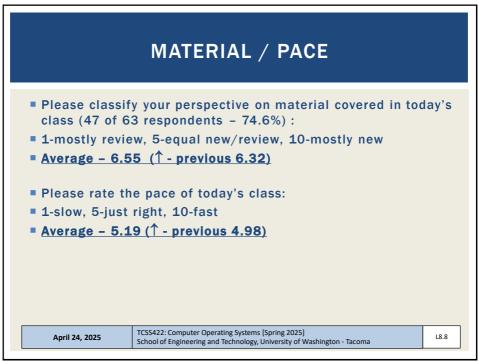
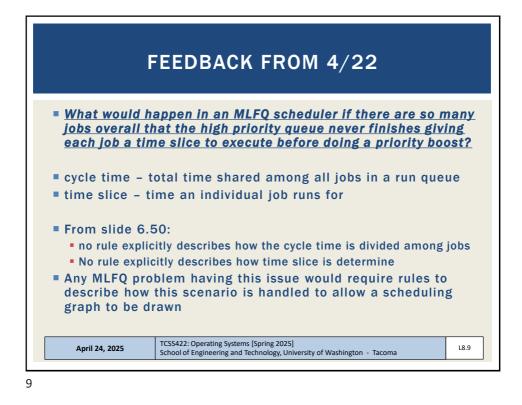
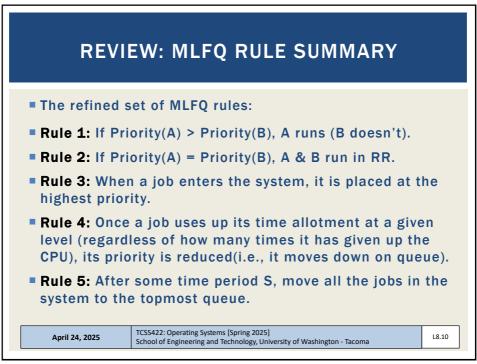
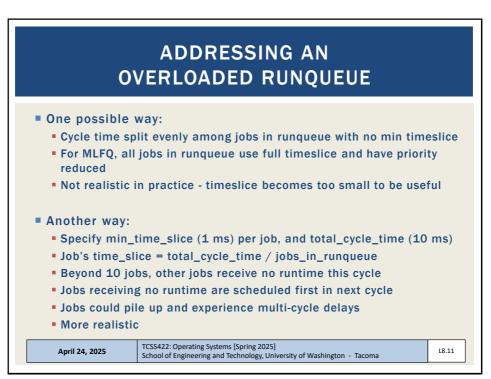


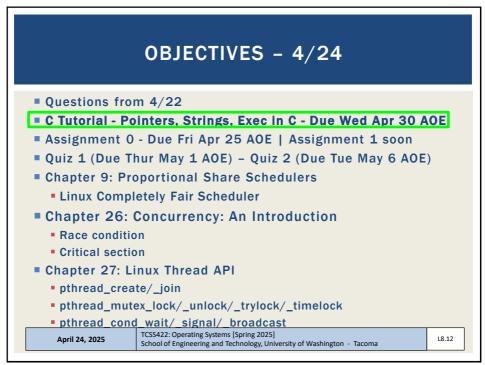
	Questi	on 1								0.5 pts	
	On a sc class:	ale of 1	to 10, j	please	classify yo	our persp	oective o	on mater	ial cov	ered in today's	
	1	2	3	4	5	6	7	8	9	10	
	Mostly Review			,	Equal New and Rev	/iew				Mostly New to Me	
	Questi	on 2								0.5 pts	
	Please I	rate the	pace of	today's	s class:						
	1	2	3	4	5	6	7	8	9	10	
	Slow	-			Just Right			0	, in the second s	Fast	

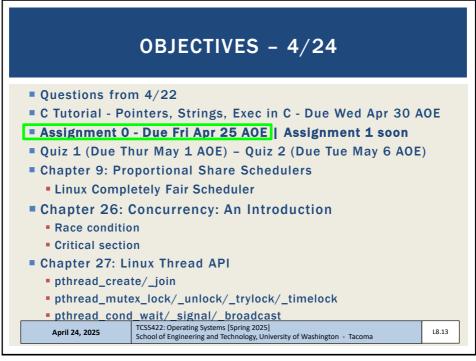


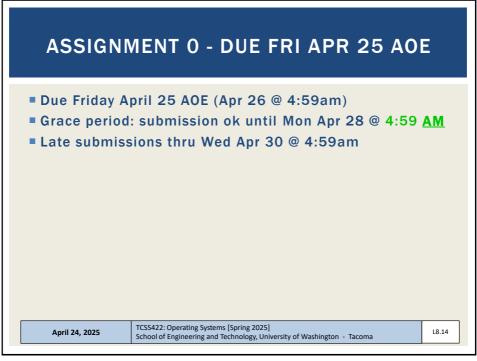


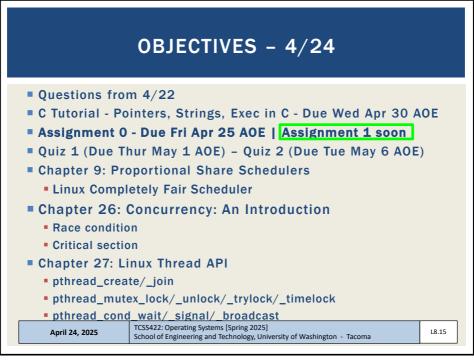


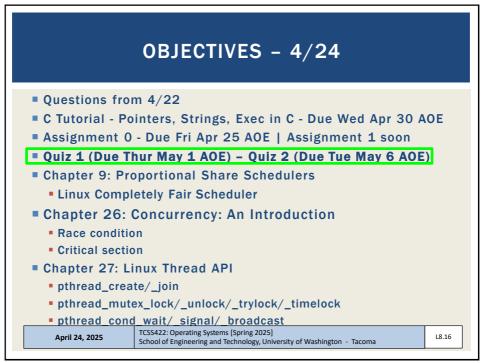




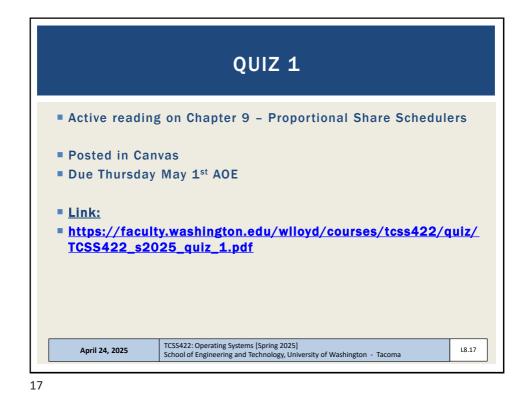


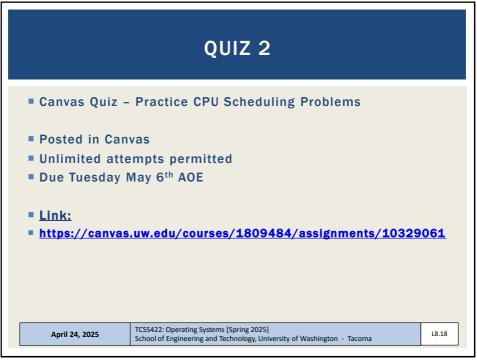




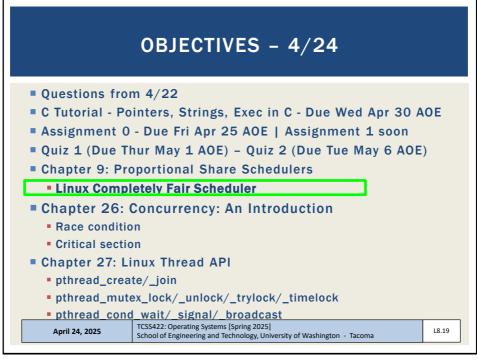


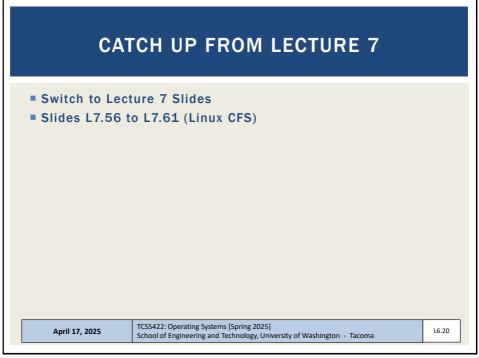


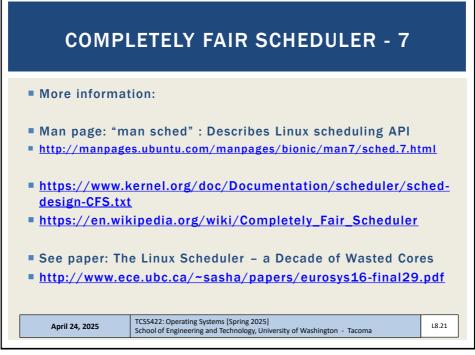


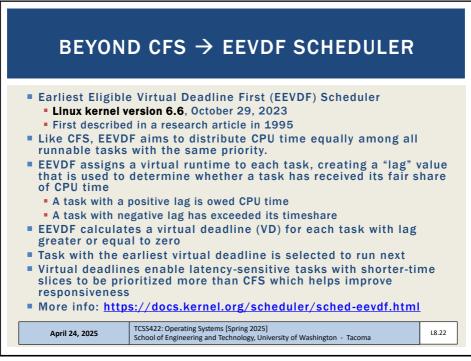




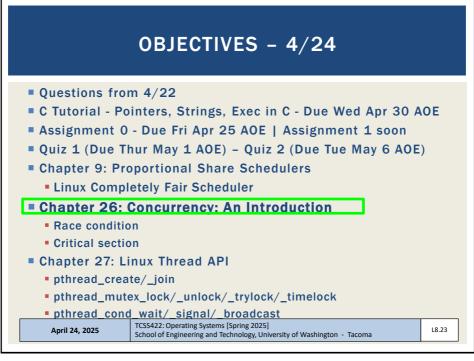


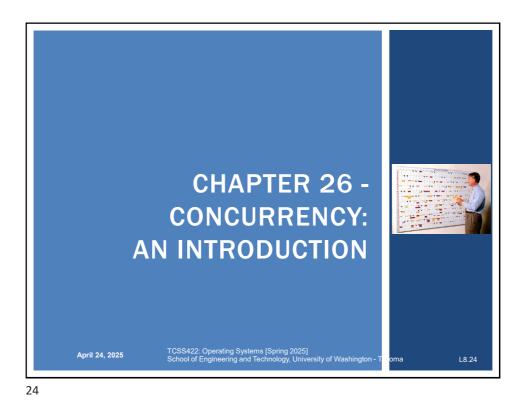


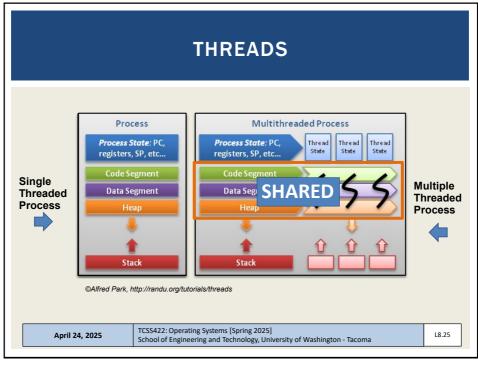


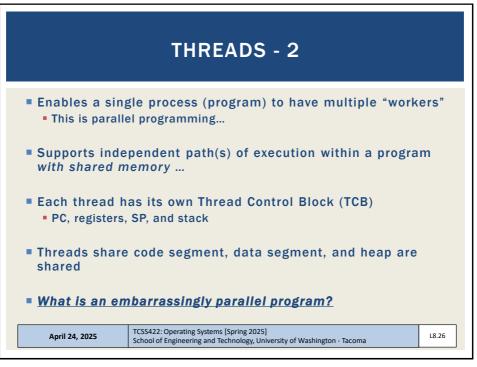




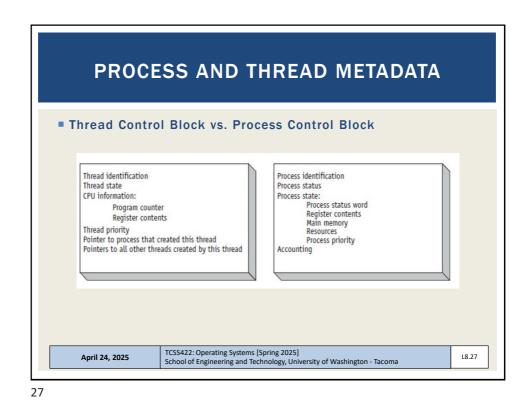


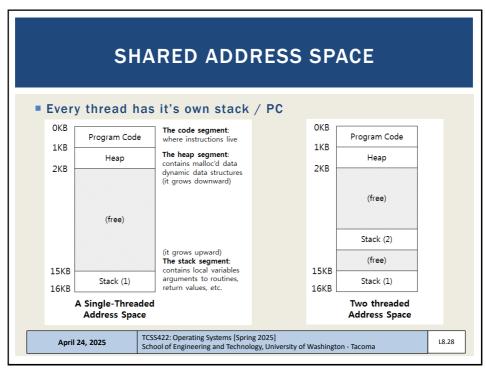


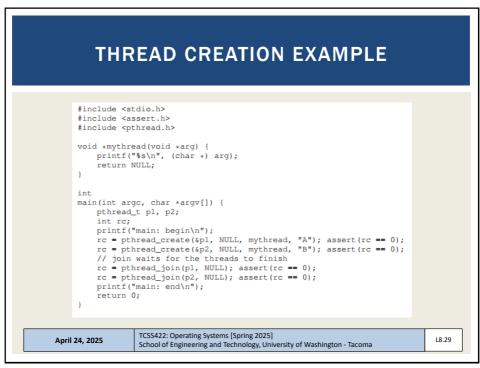


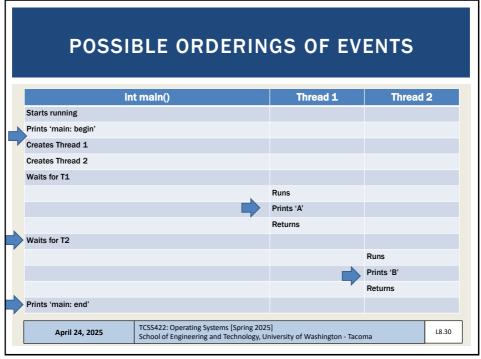




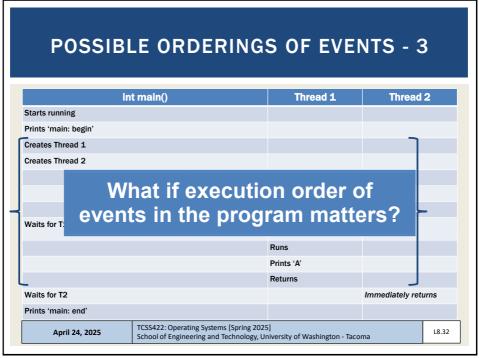


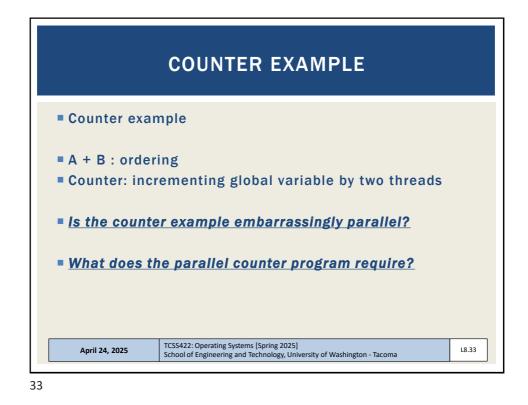


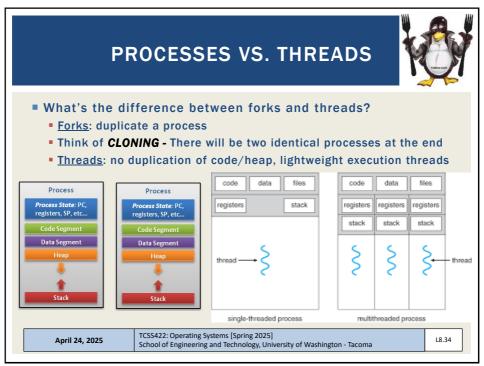


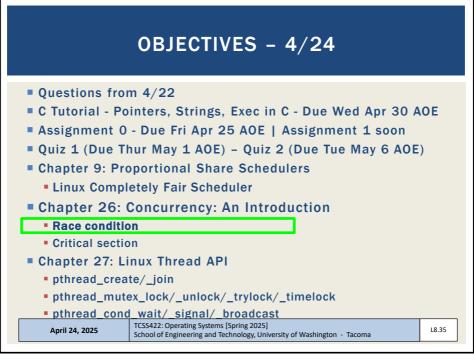


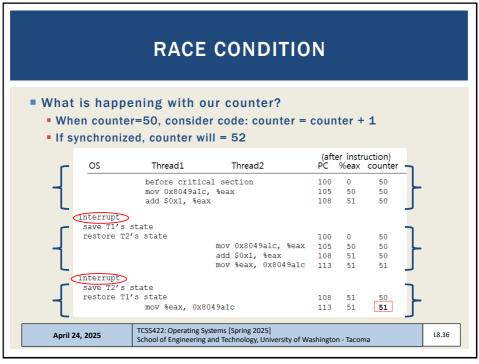
POSS	IBLE ORDE	RINGS OF EV	ENTS - 2		
	int main()	Thread 1	Thread 2		
Starts running					
Prints 'main: begin'					
Creates Thread 1			٦		
		Runs			
		Prints 'A'			
		Returns			
Creates Thread 2			-		
			Runs		
			Prints 'B'		
			Returns		
Waits for T1		Returns immediately			
Waits for T2			Returns immediately		
Prints 'main: end'					
April 24, 2025	TCSS422: Operating Syster School of Engineering and	ns [Spring 2025] Technology, University of Washington -	Tacoma		

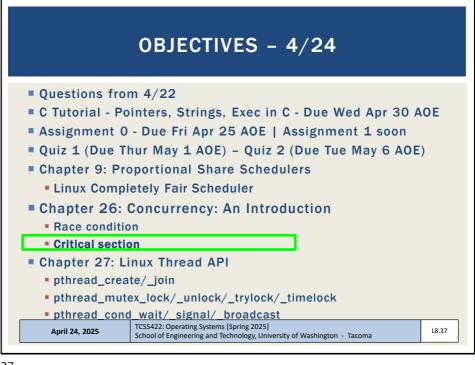


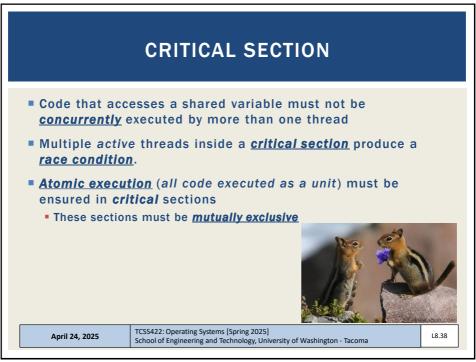






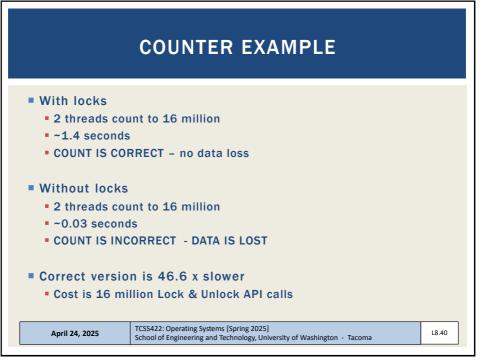






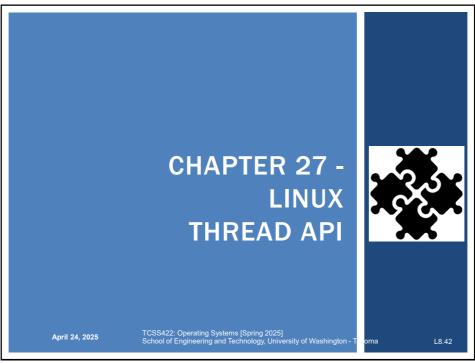


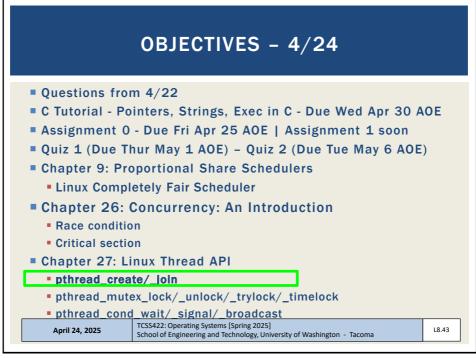
	LOCKS		
	te how critical section(s) s a unit" Chapter 27 & be		
2 . 3 10 4 ba	<pre>pck_t mutex; pck(&mutex); alance = balance + 1; nlock(&mutex);</pre>	Critical section	
Counter exam	ple revisited		
April 24, 2025	TCSS422: Operating Systems [Spring 2025] School of Engineering and Technology, University	of Washington - Tacoma	L8.39

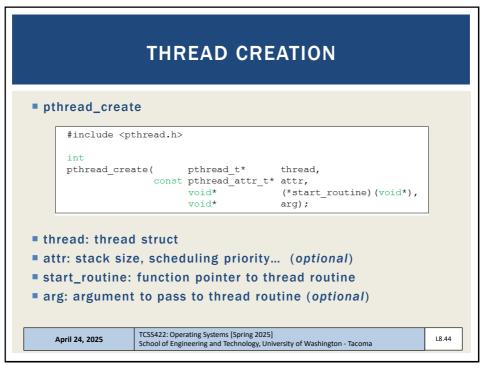




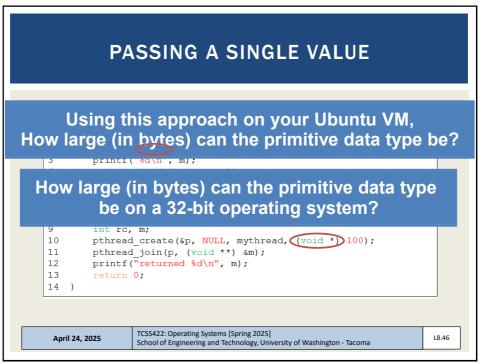


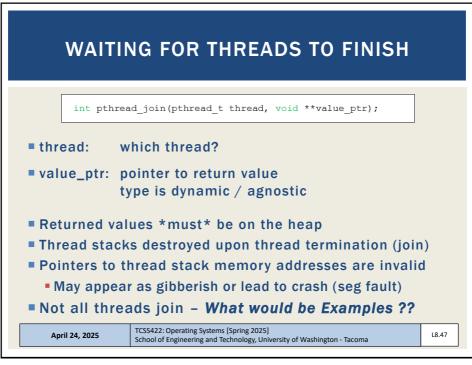


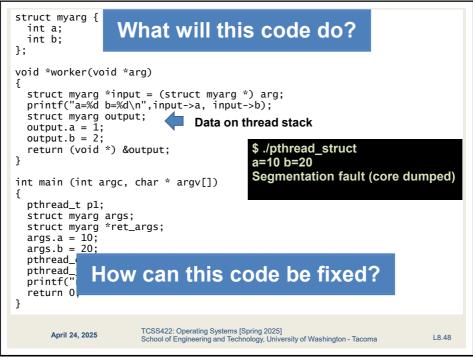


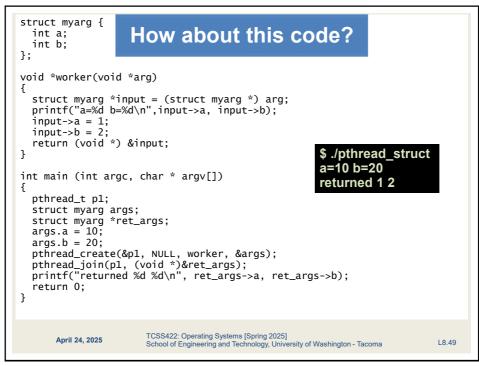


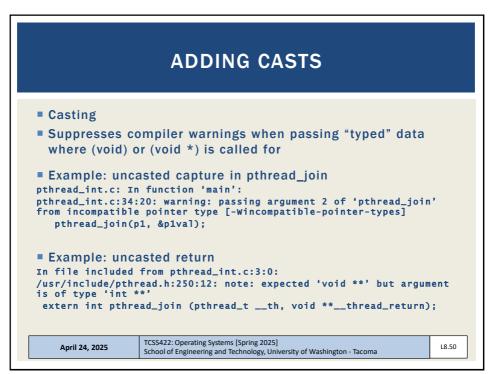
PTHREAD_CREATE – PASS ANY DATA	
<pre>#include <pthread.h> typedef struct _myarg_t { int a; int b; } myarg_t; void *mythread(void *arg) { myarg_t *m = (myarg_t *) arg; printf("%d %d\n", m->a, m->b); return NULL; int main(int argc, char *argv[]) { pthread_t p; int rc; myarg_t args; args.a = 10; args.b = 20; rc = pthread create(&p, NULL, mythread, &args); } }</pthread.h></pre>	
April 24, 2025 TCSS422: Operating Systems [Spring 2025] School of Engineering and Technology, University of Washington - Tacoma	L8.45

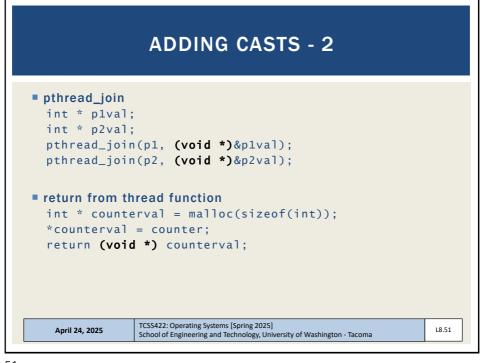


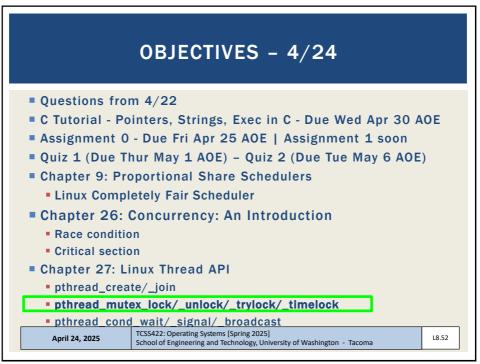












	LOCKS	
	itex_t data type /bits/pthread_types.h	
<pre>// Global Addre static volatile pthread_mutex_t</pre>	int counter = 0;	
<pre>int rc = pt assert(rc== counter = c</pre>	000000;i++) { hread_mutex_lock(&lock); 0);	
April 24, 2025	TCSS422: Operating Systems [Spring 2025] School of Engineering and Technology, University of Washington - Tacoma	L8.53

