

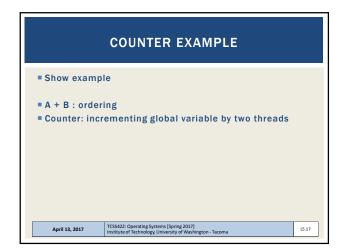
THREAD CREATION EXAMPLE			
#include <st #include <as #include <pt< th=""><th>sert.h></th><th></th></pt<></as </st 	sert.h>		
	ad(void ∗arg) { %s\n", (char ∗) arg); UULL;		
pthread int rc; printf(' rc = ptl // join rc = ptl rc = ptl printf('	<pre>ic, char *argv[]) (t pl, p2; main: begin\n"); read_create(spl, NULL, mythread, "A"); assert(rc 0); read_create(spl, NULL, mythread, "B"); assert(rc 0); waits for the threads to finish read_join(p1, NULL); assert(rc 0); read_join(p2, NULL); assert(rc 0); main: endn");</pre>		
return ()			

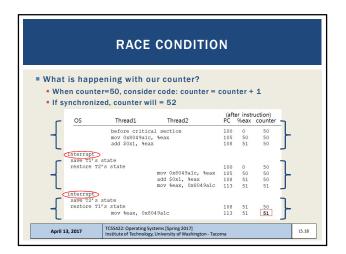
POSSIBLE ORDERINGS OF EVENTS			
	Int main()	Thread 1	Thread 2
Starts running			
Prints 'main: begin'			
Creates Thread 1			
Creates Thread 2			
Waits for T1			
		Runs	
	1	Prints 'A'	
		Returns	
Waits for T2			
			Runs
			Prints 'B'
			Returns
Prints 'main: end'			
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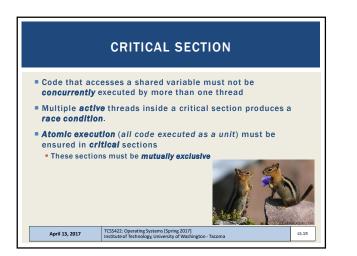
POSSIBLE ORDERINGS OF EVENTS - 2				
	int main()	Thread 1	Thread 2	
Starts running				
rints 'main: begin'				
Creates Thread 1			٦	
		Runs		
		Prints 'A'		
		Returns		
Creates Thread 2			-	
			Runs	
			Prints 'B'	
			Returns	
Waits for T1		Returns immediately		
Waits for T2			Returns immediately	
Prints 'main: end'				
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POSSIBLE ORDERINGS OF EVENTS - 3

int main()		Thread 1	Thread 2	
Starts running				
Prints 'main: begin'				
Creates Thread 1			٦	
Creates Thread 2				
	hat if executio		1 S	
	its in the prog		1 S	
even			1 S	
even		ram matte	1 S	
even		ram matte	1 S	
even		ram matte Runs Prints 'A'	1 S	
Waits for T		ram matte Runs Prints 'A'	ers?	







LOCKS					
	te how critical section(s) s a unit" Chapter 27 & bey				
2 . 3 10 4 ba	<pre>ck_t mutex; uck(&mutex); lance = balance + 1; lock(&mutex);</pre>	Critical section			
Counter example revisited					
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