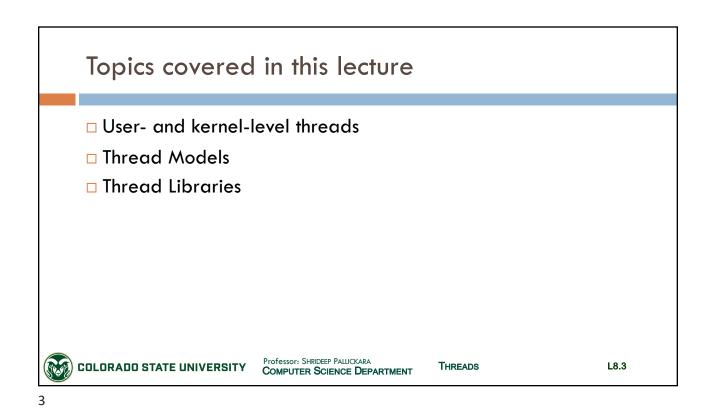
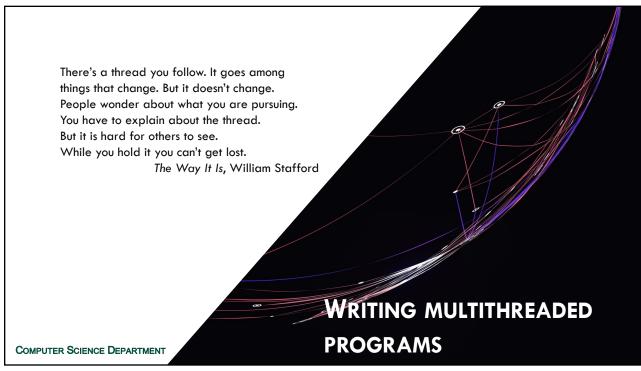
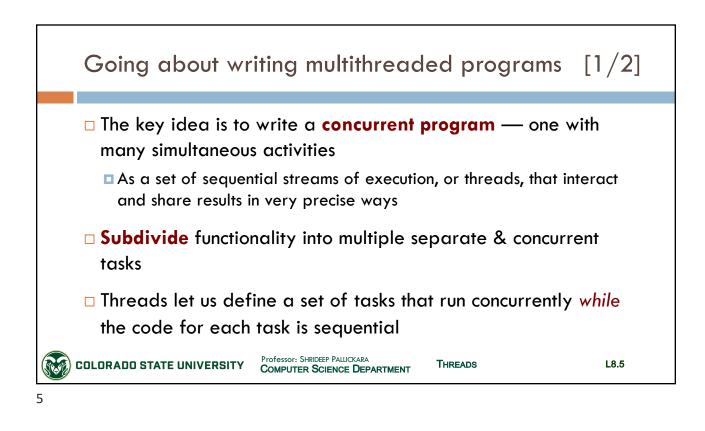


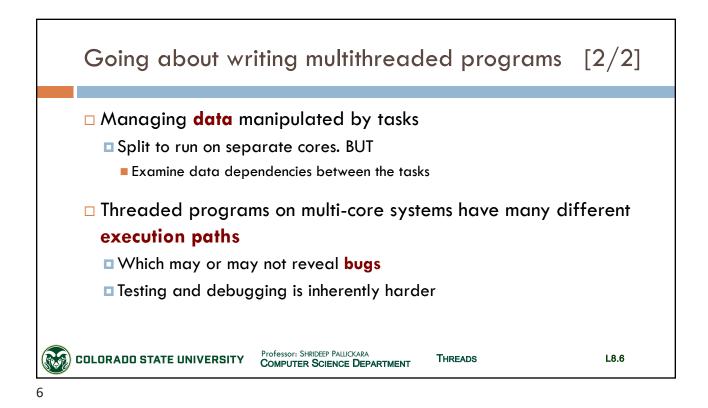
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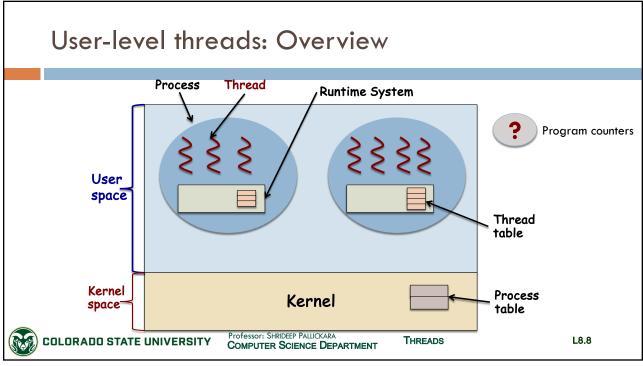


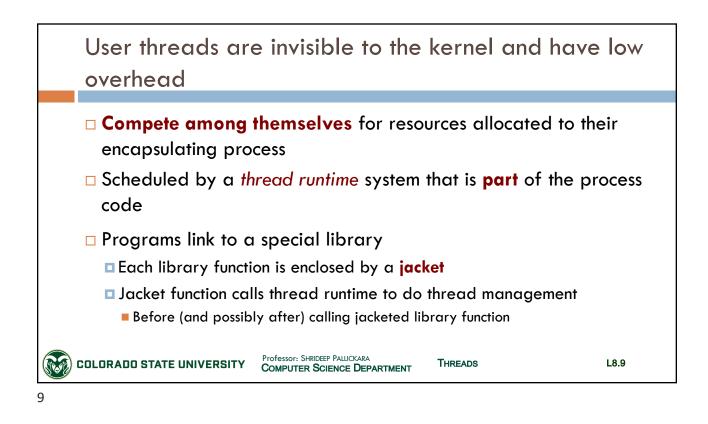


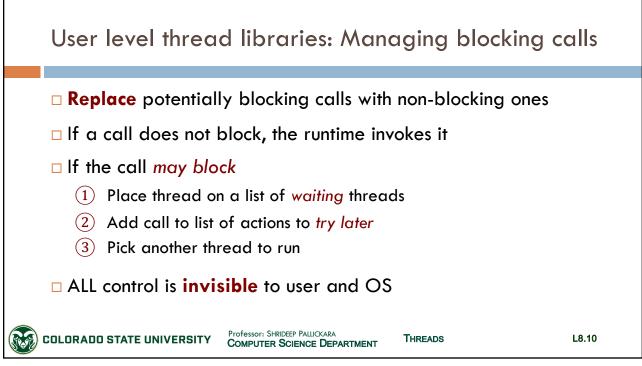


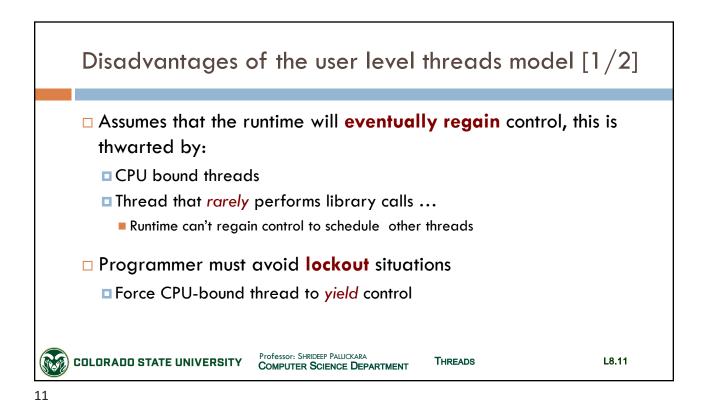


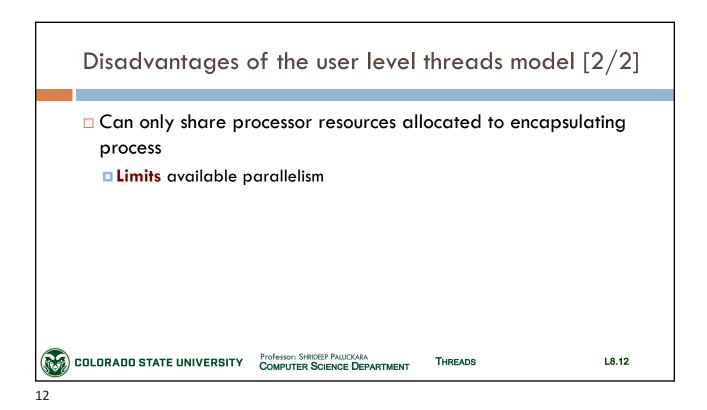


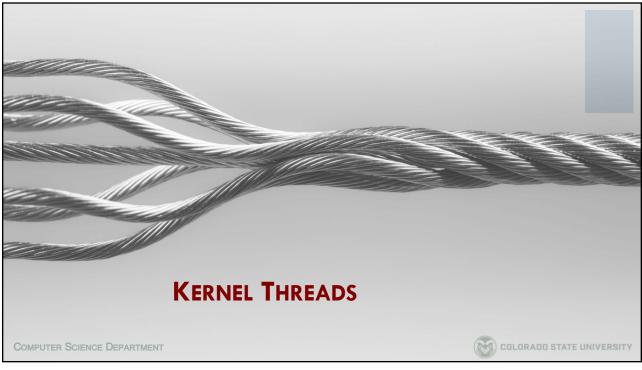


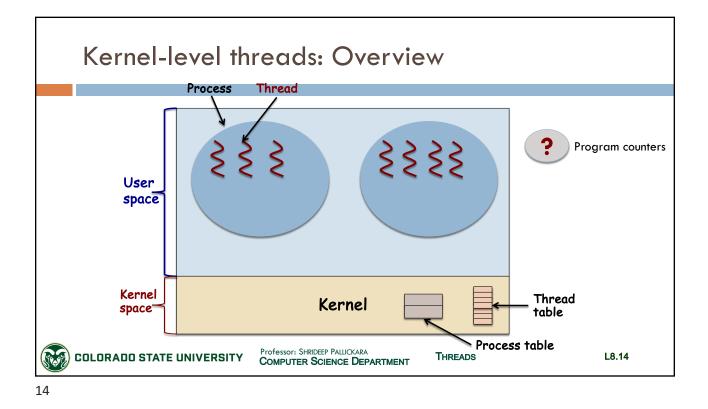






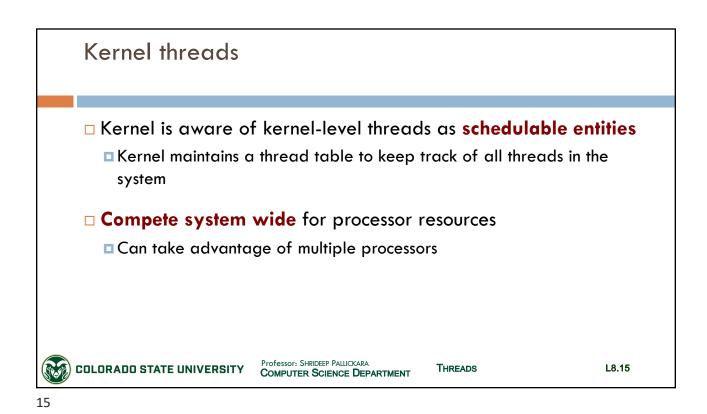


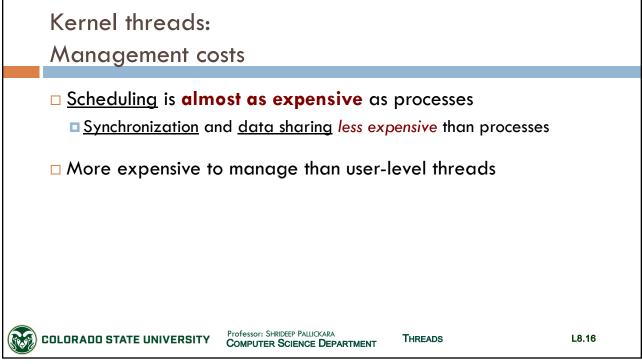


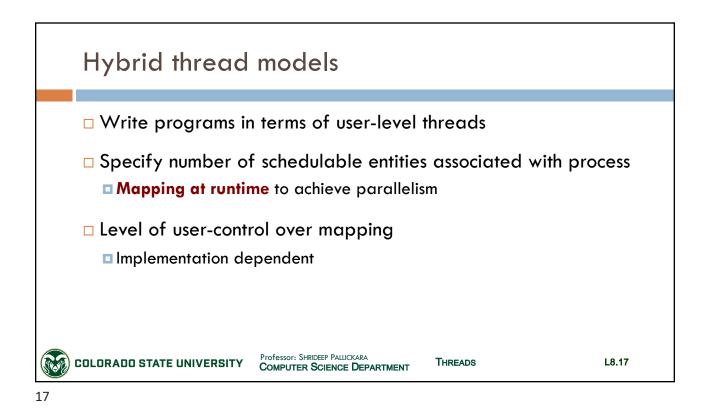


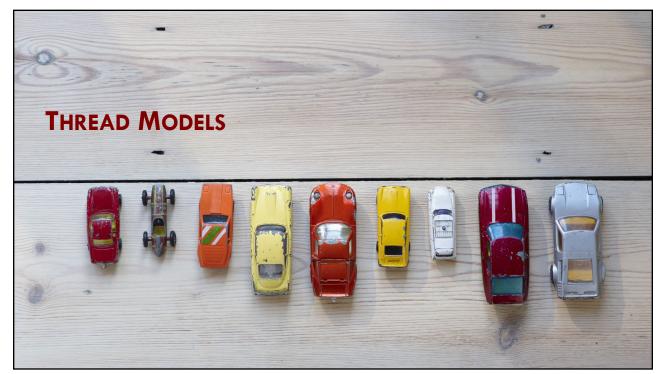
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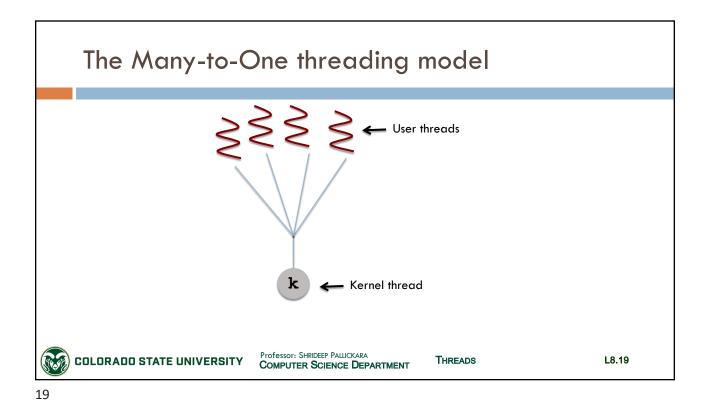
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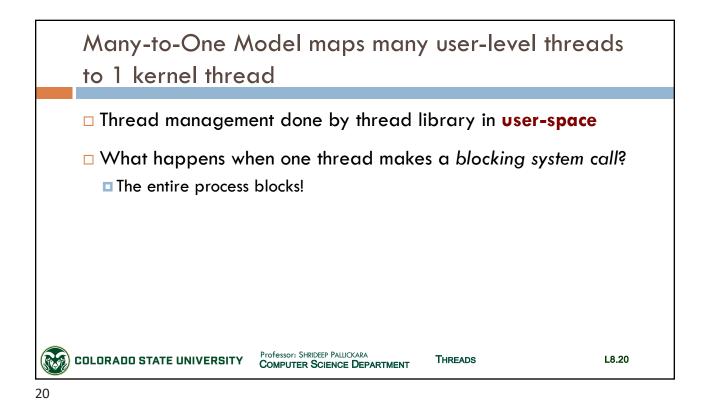


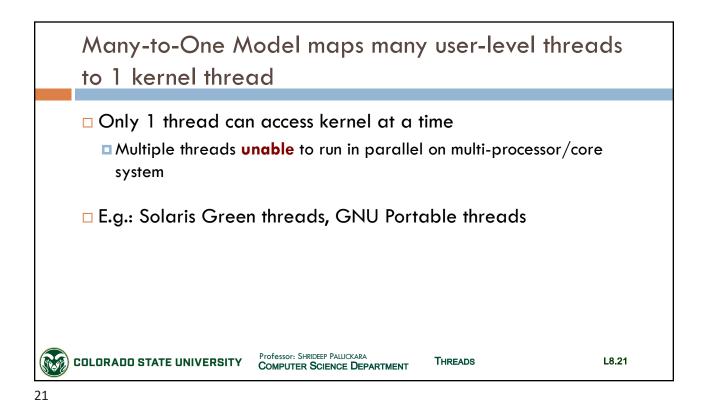


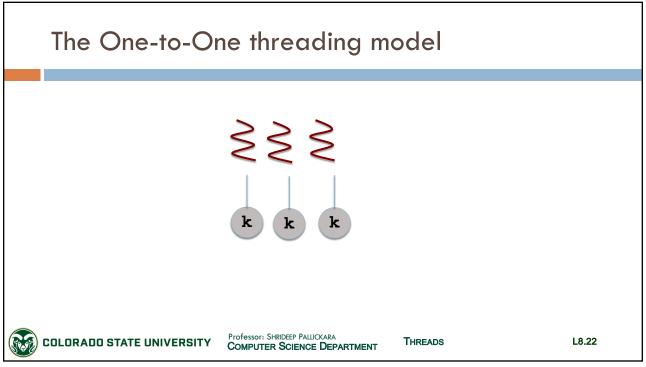






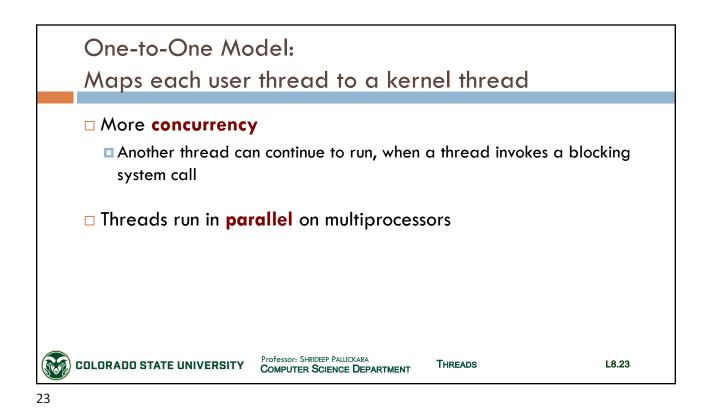


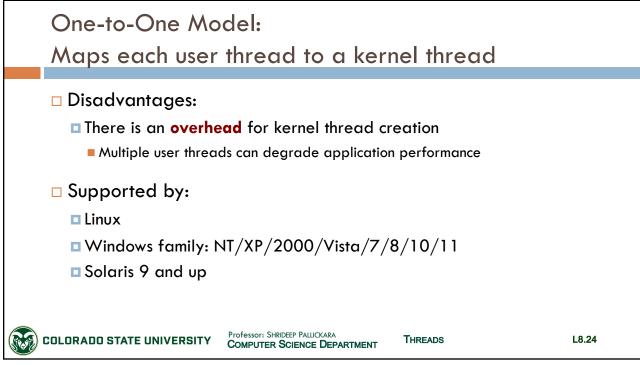


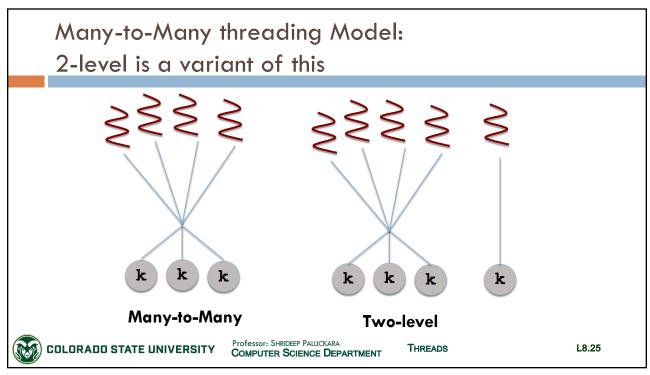


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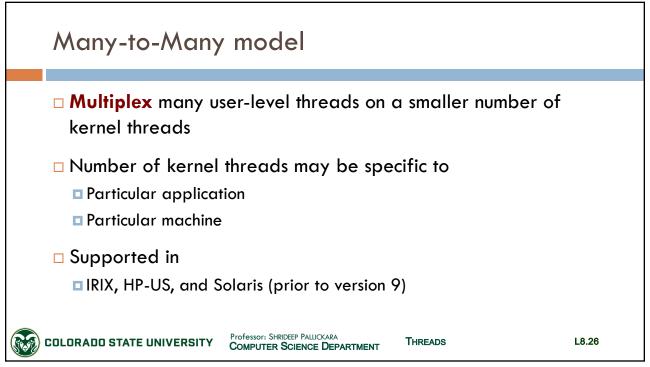
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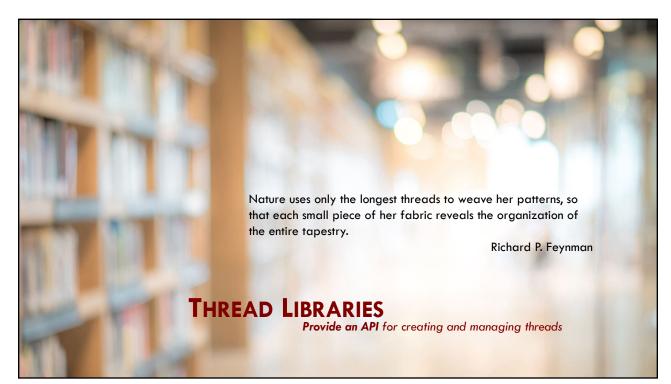


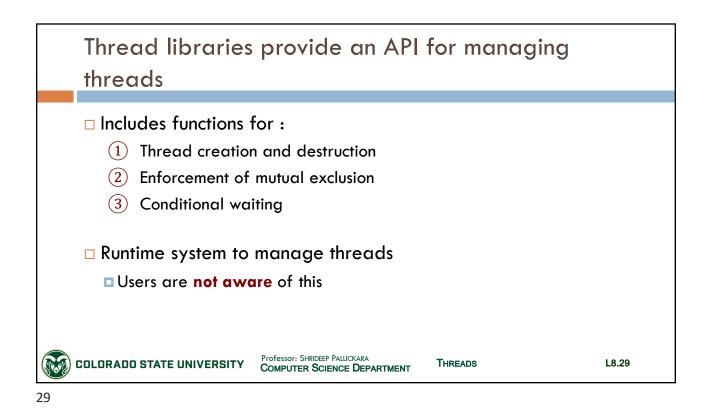


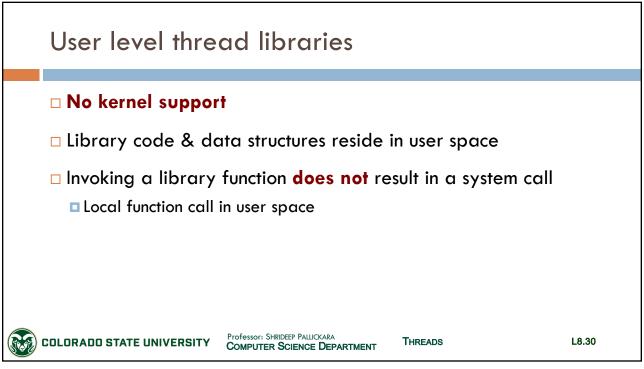
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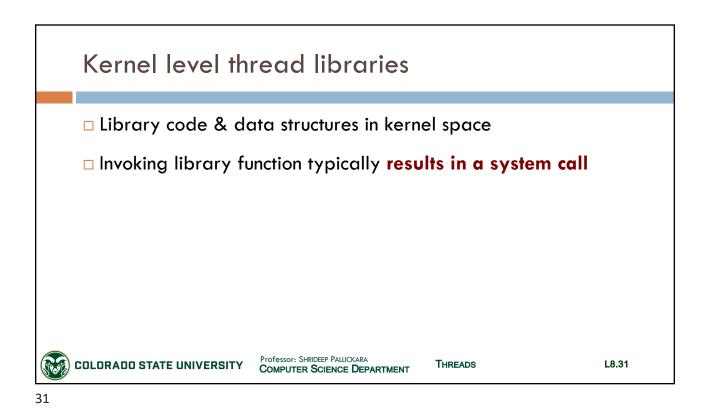


A compariso	A comparison of the three models						
	Many-to-one	One-to-One	Many-to-Many				
True Concurrency	NO	YES	YES				
During blocking system call?	Process Blocks	Process DOES NOT block	Process DOES NOT block				
Kernel thread creation	Kernel thread already exists	Kernel thread creation overhead	Kernel threads available				
Caveat	Use system calls (blocking) with care	Don't create too many threads					
COLORADO STATE UNIVERSITY Professor: SHRIDEEP PALLICKARA THREADS							

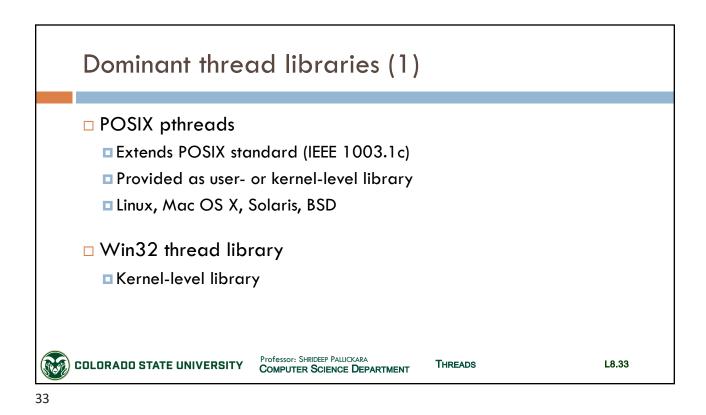


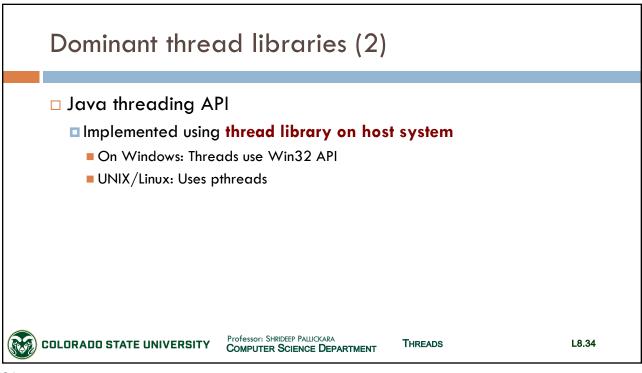


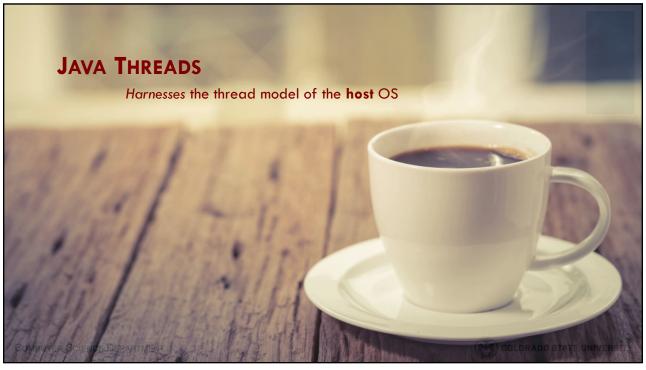




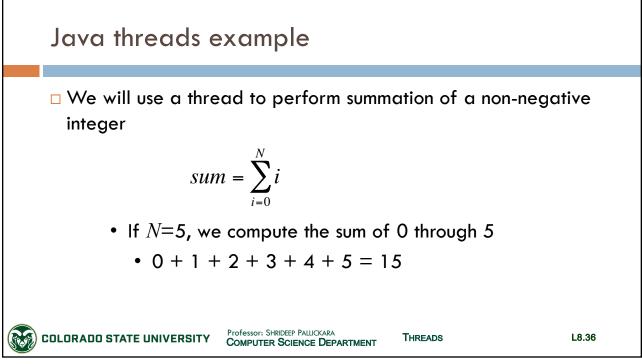
Thread libraries provide an API for creating and managing threads						
		User level library	Kernel level library			
	Library code and data structures	Reside in user space	Reside in kernel space			
	Can invocation of library function result in system call?	NO	YES			
	OS support	NO	YES			
COLORADO	COLORADO STATE UNIVERSITY Professor: SHRIDEEP PALLICKARA COMPUTER SCIENCE DEPARTMENT THREADS L8.32					

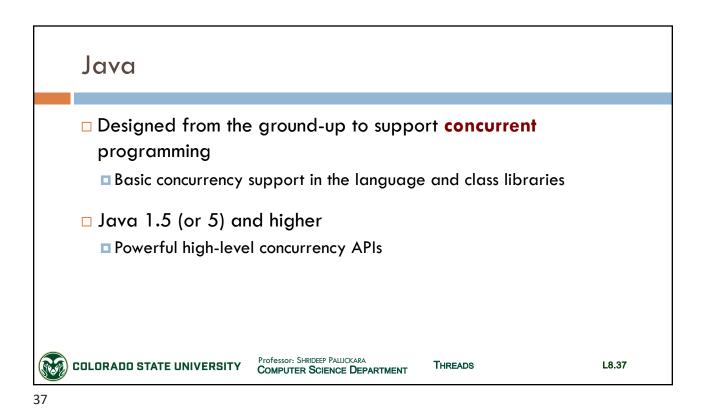


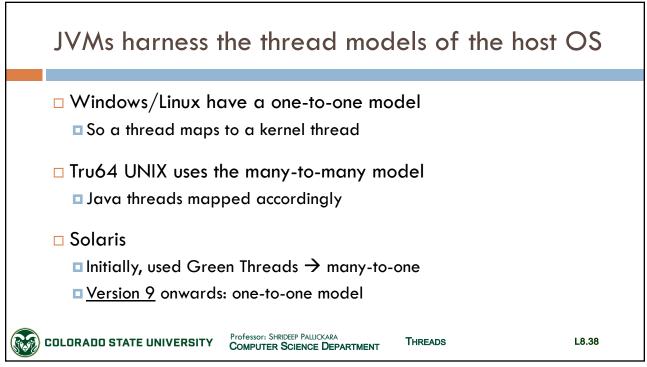


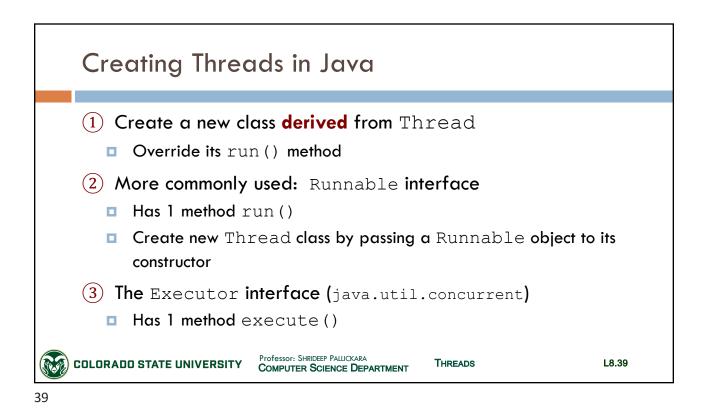


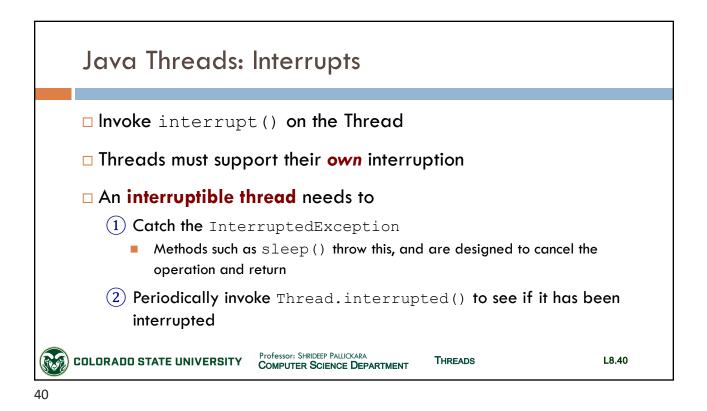
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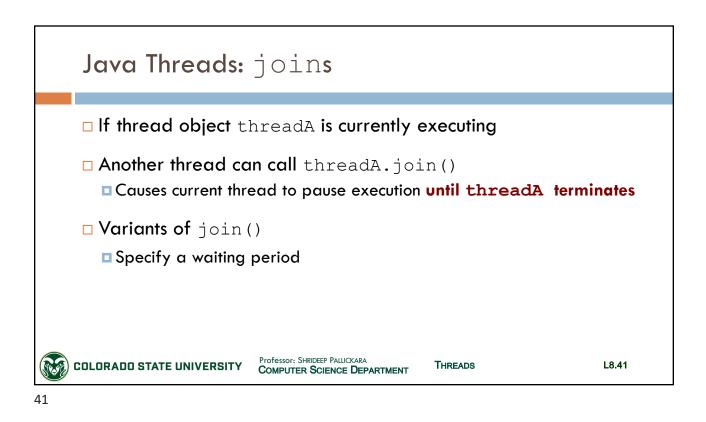


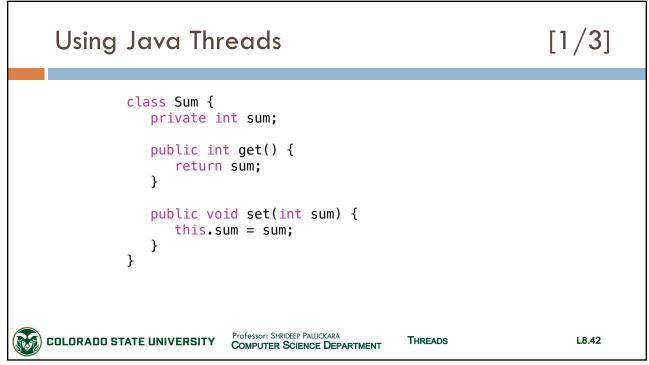


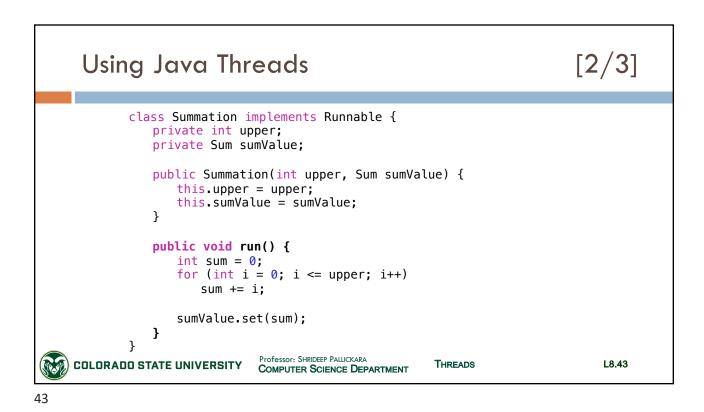


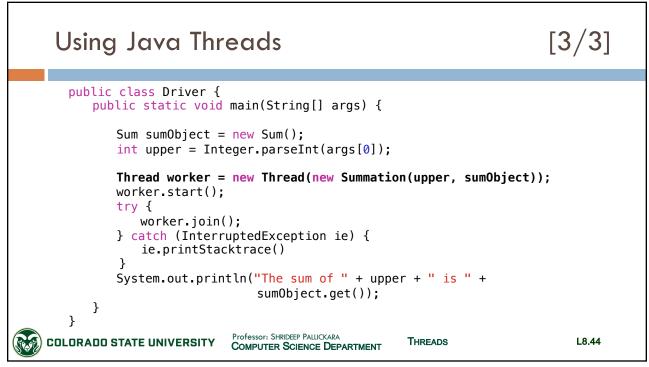


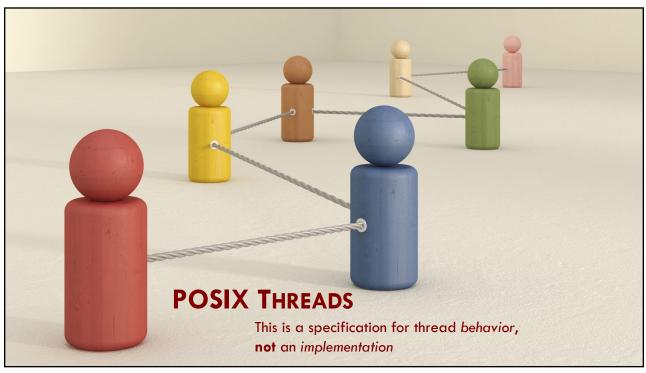












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