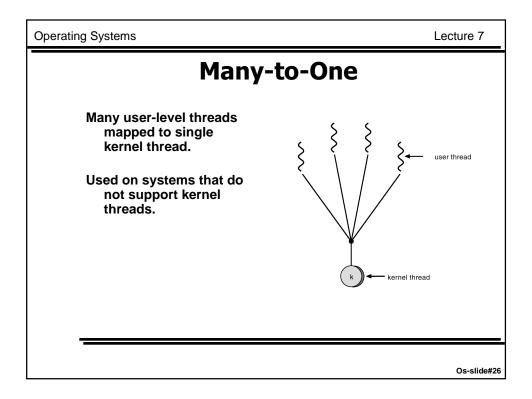
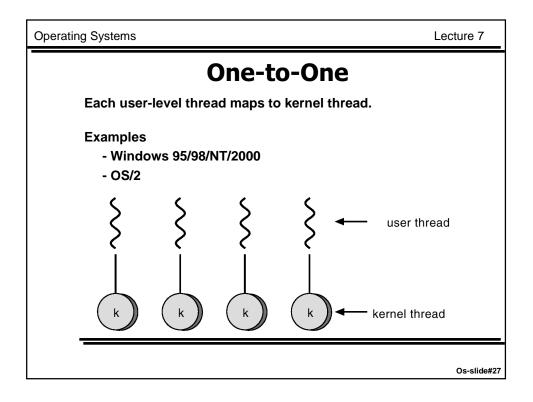
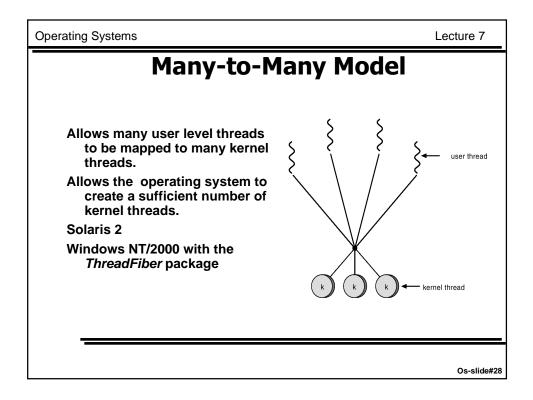


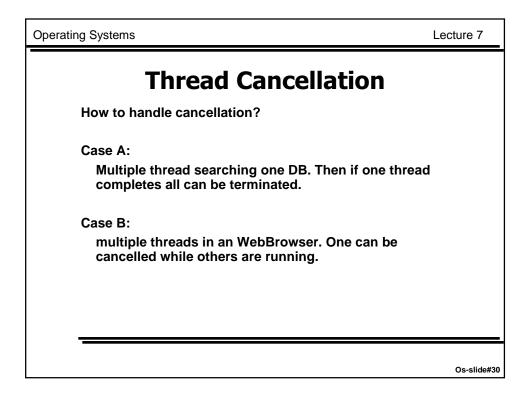
Operating Systems	Lecture 7
Mixed Support	
Many system supports both user and kernel level thread. The mapping can be varied.	
Many-to-One	
One-to-One	
Many-to-Many	
	Os-slide#25







Operating Systems	Lecture 7
Fork and Exec Calls in Thread	d
Fork If one thread calls fork() does the new process duplicate all threads or the new process is single threaded?	
Some Unix systems have both versions. Execv generally works in the same way. It will overwrite the entire process including all threads.	
	Os-slide#29



Operating Systems	Lecture 7
Thread Cancellation	
Asynchrornous Cancellation One thread immediately terminates the other.	
Deferred cancellation The target thread periodically checks if it should be terminated. It can orderly terminate. "Cancellation point"	
	Os-slide#31

