COMP 3413 Operating Systems Lab 3 Hand-in

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[2]	1a.	Initializing a pthread mutex variable: pthread_mutex_init(mutex, attr). The The second way to initialize PTHREAD_MUTEX_INITIALIZER_allocated.	mutex variable is initialized using a pthread mutex variable	ng the specified is to set	d attributes. mutex =
[2]	1b.	pthread_mutex_destroy(): Yes. reinitialized using pthread_mutex_init		ed mutex obj	ect can be
[3]	1c.	pthread_mutex_trylock(): The f mutex object is currently locked, the c mutex object is currently locked.			
[3]	2a.	mutex_recursive.c: The program it executes incorrectly because the three			
[3]	2b.	modified mutex_recursive.c: The successfully implement this program "locking" 10 times diagonally to the The program then ends with "End of program that needs to access a mutex.	n. The results of the newly edi- right and then "unlocking" ten tin of processing." This type of mute	ted program a mes diagonally	re to print to the left.
[1]	3a.	expected value of shared variable: The	e shared variable should be equal t	to $20 \times 50 = 10$	00
[1]	3b.	results of 10 runs before changes: 136 is not being locked before it is accalculation.			
[5]	3c.	results of 10 runs after changes: All 1 expected in 3a.	0 runs the shared variable was eq	ual to 1000. Th	nis is what I