## Q17\_18

<b>Due</b> Mar 4 at 11:59pm	Points 5	Questions 5	Time Limit None	
Allowed Attempts 2				

## **Instructions**

This quiz is based on content from Sets 17 and 18 on the subject of Thread Synchronization

## **Attempt History**

	Attempt	Time	Score
KEPT	Attempt 2	2 minutes	5 out of 5
LATEST	Attempt 2	2 minutes	5 out of 5
	Attempt 1	812 minutes	4 out of 5

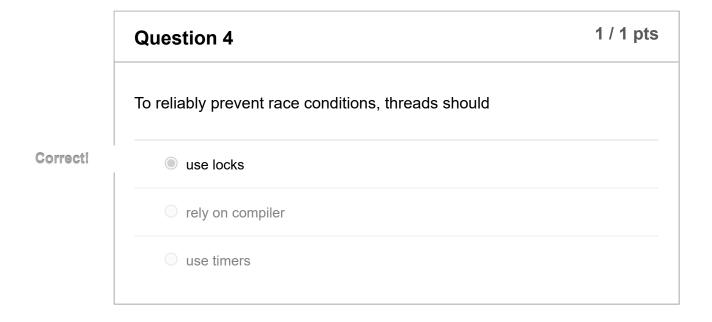
Score for this attempt: 5 out of 5

Submitted Mar 4 at 9:56pm This attempt took 2 minutes.

	Question 1	1 / 1 pts
	When a thread T signals a condition variable C,	
Correct!	if other threads are on C's waitlist, one is woken up	
	if other threads are on C's waitlist, all are woken up	
	the thread T is suspended until another thread is added to C's wa	itlist

	Question 2	1 / 1 pts
	CV::wait(Lock *lock) releases the lock and starts waiting	
	in an automatic operation	
Correct!	in an atomic operation	
	as two distinct non-atomic sequences of operations	

	Question 3	1 / 1 pts
Correct!	A mutex lock can be shared by	
	any number of threads	
	<ul><li>exactly two threads</li></ul>	



	Question 5	1 / 1 pts
	A thread signals a condition variable in order to	
Correct!	<ul><li>notify another thread</li></ul>	
	kill the condition variable	
	put itself on the condition variable's waitlist	

Quiz Score: 5 out of 5