

## CS 3733 Operating Systems — Fall 2007 Assignment 5

Name \_\_\_\_\_

Consecutively number the pages and fill in the table of contents below. Put a check mark in the box if you think the part was done correctly.

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Description	page number	check if correct
Part 1: All .h files	_____	<input type="checkbox"/>
Part 1: All .c files	_____	<input type="checkbox"/>
Part 2: All modified files	_____	<input type="checkbox"/>
Output for N = 5	_____	<input type="checkbox"/>
Output for N = 6	_____	<input type="checkbox"/>
Output for N = 7	_____	<input type="checkbox"/>
Output for N = 8	_____	<input type="checkbox"/>

Answer the following questions. Use the back if necessary.

1. In part 2, using multiple producers and consumers, how did you determine how many iterations each producer did? How did you determine when to end the consumers?

2. With 4 cores, how would you determine how many producer and consumer threads to run?

If you think everything you did is correct, check here:

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Otherwise, give a brief description of what is working and what progress was made on the part that is not working. Use the back if necessary.