CS 3733 Operating Systems — Fall 2005 Assignment 3

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.

Description	source page	lint page	test output	check if correct
Part 0 `serialize.c`	_____			☐
Part 0 `serialize.h`	_____			☐
Part 1 `pserver.c`	_____	_____	_____	☐
Part 2 `pserver.c`	_____	_____	_____	☐
Part 2 `pclient.c`	_____	_____	_____	☐
Part 3 `pserver.c`	_____	_____	_____	☐
Part 3 `pclient.c`	_____	_____	_____	☐
Part 4 `pserverp.c`	_____	_____	_____	☐
Part 5 `pserverp.c`			_____	☐
final `makefile`	_____			☐

Answer the following questions here:

1) Did you read the information about running `lint`? _____

2) How many lint warning messages were produced in the three times you ran `lint`? _____

3) How many of these warnings are not on the list of those you can usually ignore? _____

4) Did you answer the questions on the other side of the cover sheet? _____

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

Otherwise, give a brief description of what is working and what progress was made on the part that is not working:

Answer the following questions here.

1) What machine did you use for the tests in Parts 3 and 5? If possible, indicate the speed of the processor and the OS used.

2) How long did it take to complete the tests in Part 3 and Part 5? Was there a significant difference? Explain why or why not.

3) What do you think would happen if we had 10 clients running instead of only 2?

4) Under what conditions would the parallel server perform significantly better than the serial server? Explain.