

Name: \_\_\_\_\_

Student ID #: \_\_\_\_\_

## Lab #7: COMP 3000B (Operating Systems)

March 7 & 9, 2006

This lab focuses on a quick introduction to FreeDOS. FreeDOS is another operating system which is significantly different from Linux, the operating system you have been using for the past several weeks. Please answer **all seven** questions, and be sure to shut down your computer when you are done.

1. (1 pt) In contrast to the "man" help system in Unix, DOS has help available through the "help" command. What command can be used to change directories? What command can be used to edit files?
2. (1 pt) What is one difference in the layout of file permissions (called attributes in DOS) between DOS and Linux.
3. (1 pt) DOS is not a multiuser operating system. It is only capable of running one user process at a time. Is it possible to run a multithreaded program under DOS? Why or why not?
4. (1 pt) in the comp3000 directory there are three .com files (this is one form of executable file under dos). Use the dos debug command to unassemble the *cold.com* command and view the assembly output. What is the instruction located at address offset 0108h?

