

CMSI 587

OPERATING SYSTEMS (GRADUATE LEVEL) Spring 2006

Assignment 0214

We take a programming breather here and try to exercise our understanding of the process-related concepts discussed so far. Take note of the flavor of the questions — they have the same tone as questions for the upcoming midterm.

Not for Submission

1. Read Chapters 4 and 5 in SGG.
2. Start looking into CVS (Concurrent Versions System), particularly in conjunction with your Keck lab accounts. The next programming assignment will do electronic submission via CVS instead of e-mail, with hardcopy as usual in case of technical difficulties :) A good practice exercise is to commit your shell program to CVS — see below.

For Submission

Do the following exercises from SGG; submit your responses in hardcopy only:

1. SGG Exercise 3.4
2. SGG Exercise 4.7
3. SGG Exercise 5.3
4. SGG Exercise 5.4
5. SGG Exercise 5.13

Extra Credit

Commit your shell program (Assignment 0131) to your Keck lab CVS repository. The repository should come preset with two subdirectories (“modules” in CVS parlance): *homework* and *projects*. Check out the *homework* module, add the series of subdirectories *cmsi587/hw0131/src* to it, then commit your source code there. If you have any other files, such as notes, documentation, configuration, or build files, commit those to *cmsi587/hw0131*.

If you do this extra credit work, send me your Keck lab username and make sure that your *.cvs* subdirectory (the physical location of your Keck CVS repository) is readable (just readable; I won’t need write permission) by users other than yourself.

CVS documentation is available on the Web. Use the *extssh* method for connecting to the repository remotely (i.e., from outside the Keck lab network); when logged into a Keck lab machine, the *cvs* command should work “out of the box.”