

CMSI 387-01

OPERATING SYSTEMS

Spring 2014

Assignment 0403 part I Feedback

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CSI: Process

1a — More command line practice, more proficiency goodness. But you didn't really send anything to the background, either by ampersand or `bg`, followed by concurrently running something else so that the output interleaved on the screen. When the assignment meant "big hot terminal mess," it really meant it, including potentially intertwined concurrent output. (|)

3a — You successfully performed the requested activities on two operating systems, although not exactly as specified in the instructions. (|)

A Shell of Your Own

(where applicable, this is a "translation" of your proficiencies from the prior submission—your work has been unchanged since then, so feedback from before has just been copied into the corresponding outcomes from this year's list)

2c — We have shell! It is almost fully functional except for that secret system call, but I'll cut you some slack for this one. (+)

4a — Code is largely functional and correct. There are a few suggestions (see inline comments), but not enough to mess up the final proficiency. (+)

4b — Your code is generally well-separated, but is right at the point where you would do well to define some helper functions. (+)

4c — Your code is generally very readable. (+)

Points to Ponder

1b — None of the points were correctly addressed. (−)

All

4d — You found ways for Linux and OS X to display threads as distinct lines in `ps`, and that is a good start. However, for Linux, you could easily have gone further than that because the additional information is virtually in front of you on `ps`'s `man` page. So that was a step in the right direction but you missed getting more insight on it. Your shell shows effective resource lookup and use, but that crashes back down again with **Points to Ponder**. This makes 1 out of 3, so... (/)

4e — Good commit frequency with decently descriptive comments. (+)

4f — Shell submitted on time, with everything else notably late. (−)