CMSI 387-01
OPERATING SYSTEMS
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Assignment 0403 part 1 Feedback

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CSI: Process

1a — More command line practice, more proficiency goodness. (**+**)

3a — You successfully performed the requested activities on two operating systems. (**+**)

A Shell of Your Own

2c — You have written an operating system shell—yay! And it hits the requested functionality well. (**+**)

4a — You got `chdir`, the secret system call, `&`, and EOF handling. One bug is the code's inability to handle empty commands; another issue is your code's implicit dependency on C++ compilation. Under a pure C compiler, compilation won't succeed. And, even if it does, full use of parsing in order to execute multi-argument commands will still fail unless you modify the code a little bit (and that modification would be good to do anyway, even in C++). As is, your code is too dependent on some subtle C++ behaviors. (**|**)

4b — At least your code is structured decently—monolithic but straightforward. (**+**)

4c — Your code is mostly cleanly written, except for a few spacing decisions that I would have done differently (noted inline). (**+**)

Points to Ponder

1b — You got the last "point to ponder," but were too restrictive on your definition of "script." I committed a new file alongside your shell that would have counted as a script—now, can your shell run *that*? (**|**)

All

4d — Although you performed the tasks for **CSI: Process** as requested, you missed the deeper exploration that was expected by the questions. The shell itself came out mostly fine, so no information-seeking issues there. Finally, in **Points to Ponder**, you didn't quite get 2 out of the 3 points; that is a gap in understanding which affects the proficiency for this outcome. (**/**)

4e — Commit frequency and messages are appropriate for the work done. (**+**)

4f — Submitted on time. (**+**)