

**CMSI 387-01**  
**OPERATING SYSTEMS**  
Spring 2013

## **Assignment 0312 Feedback**

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*<http://my.cs.lmu.edu/~bsouthwi/ubuntu-kernel-howto/kernel-guide.html>*

*1a* — Your work demonstrates strong command line proficiency at this point. (+)

*2a* — You successfully built and deployed an operating system kernel! Plus, your how-to web page shows some understanding of the process, and not just blind mimicking of steps. The one gap lies in how different kernel configurations are managed (see *2b* below)—that part is all steps without much explanation. (|)

*2b* — You successfully defined an implemented a new system call. Your how-to web page expresses this well, with one question mark—did you skip a step with regard to configuration and/or Makefile setup? Your patch, when applied, does reflect the changes you stipulated in your how-to page, but it did not build successfully until I removed the `CONFIG_HELLO` reference and made the system call a “standard” part of the kernel. I am thus inclined to suspect that something is missing somewhere, whether in the file changes required, or the steps involved, or something. Considering that you have not yet actually tested the patch yourself, as you stated in your commit message, I am pretty confident in this assessment :) We can investigate this further if you’re interested. (|)

*4a* — Your code worked! (after the build files were tweaked a bit) (+)

*4b* — The separation of concerns was pretty much dictated for you in this code base, but at least you did not break it :) (+)

*4c* — Your code was certainly easy to understand. It helped that there wasn’t much of it :) (+)

*4d* — Your work shows good use of available documentation; this is particularly noteworthy for this assignment, due to the many variations, obsolete and otherwise, for this task. As mentioned in *2b*, it is the documentation that you produced that appears to have something missing. (+)

*4e* — Your commit and message are sufficiently appropriate for the task performed. (+)

*4f* — Submitted on time. (+)