CMSI 387-01
OPERATING SYSTEMS
Spring 2014

Assignment 0422 Feedback

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Dining Philosophers

2d — Your philosophers are sharing chopsticks! See inline comments for details. (**/**)

4a — Multiple issues contribute to the philosopher gross-out; instead of repeating all of them here, just look at the inline comments. (**/**)

4b — The overall structure of your program is sound; it's what you do *within* this structure that needs to be tweaked. (**+**)

4c — At least your code is easy to read, so it wasn't hard to figure out what was going wrong **:)** (**+**)

4d — Based on this, I don't think you've been able to sufficiently assimilate the process synchronization material. In other words, theory is one thing but practice is another **:)** (**|**)

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

4f — Took a while to land, staying unfinished until May 1. (**/**)

Paged Memory Address Translation

2d — You have successfully implemented paged memory address translation from the ground up. (**+**)

4a — No issues with your code outside of that unnecessary bitwise-`&`. Otherwise works as spec'ed. (**+**)

4b — One little separation of concerns tweak would be unhardcoding 256. But overall n.b.d. (**+**)

4c — Clean code, no issues. (**+**)

4d — You successfully utilized available information to implement paged memory address translation. (**+**)

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

4f — Submitted 4 days after the deadline (sorry, initial commit doesn't count). (**|**)

Updated dining philosophers feedback for commits up to 5/9/2014; only re-evaluated outcomes are included:

2d — The philosophers thank you for feeding them **:)** (**+**)

4a — You've gotten the core solution right, with fine-tuned output for displaying the system state and appropriate "sanity check" code that cries foul upon improper behavior. Now *this* is a well-kept table **:)** A little too well-kept (see inline comments regarding `canPrint`), but we'll let that one go. (**+**)

4d — Good save here; you have now truly learned the ways of the Force. (**+**)