

CMSI 371-01

COMPUTER GRAPHICS

Spring 2016

Assignment 0329a Feedback

This is the last assignment where *3a* tops out at | as we head toward the full expected functionality of your library code. Meanwhile, *3d* also stays at | until we get sufficient functionality in our shaders.

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*Notes while running (high-priority notes are marked with ***):*

- I know the scene consists of some additional work at this point, but it's still relatively ahead of the game. Good job!
- Shape test suite has one failure though. Don't forget to keep running it as you work—that's where having the test suite shows its value.

Code review (refer to <http://lmucs.github.io/backing-guidelines/> for code-review abbreviations):

1. Whoa, tabs galore! That's uncharacteristic... (*4c*)
2. As for the tests, they're already super tiny, and they barely touch to most important functionality, which is the child/grouping feature. Turns out the failure is due to a property that the code appears to not have anymore. That means you have a stale test! Not a good habit. Make test-running a part of your development habit. This highlights changes that you make which diverge from earlier designs. (*4a, 4b*)
3. Your shape library looks decent, though the code has tabs lurking and lines 176–185 of *shape.js* is definitely noobish: those would be cleaner if expressed as conditional expressions. (*+1b, 4b*)
4. Child code looks functional—as it should be, because I helped fix it ;-)
(*+1c, 4a*)

1b — +

1c — +

3a (max |) — |

3d (max |) — |

4a — | ...Remember those tests, adding more if appropriate.

4b — | ...Unit tests, plus an uncharacteristically awkward block of code in the cylinder creator.

4c — | ...I don't know how those tabs ended up in there, but there's enough of them to disrupt the presentation of the code when viewed in a text editor.

4d — +

4e — | ...Commit frequency (in March) is slightly lower than I would have expected; but fortunately messages are good.

4f — + ...Decent chunk of work done close enough to the due date.