

CMSI 371-01

COMPUTER GRAPHICS

Spring 2015

Assignment 0129 Feedback

Outcomes that ultimately cover both 2D and 3D max out at | for now because we are dealing only in 2D. They will expand to their full potential with the 3D course work.

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1. Include at least one blank line between functions, so that they can be visually discerned more easily. (4c)
2. Never a good naming choice to just tack on a number—what’s different about this one? Is it waving? Is it more open? Anything descriptive will be better than `rightHand2`. (4c)
3. Note, the assignment instructions specified that the parameters be delivered in an *object*. In class we referred to this as “jQuery style.” (4b)
4. Some redesign may be needed here now that you know what we plan to do with those sprite parameters. (4a...no penalty for this one, because it is information you didn’t have at the time)
5. Independent of the parameter, note here that the only difference between the sprites is which function draws the right hand—thus, the `if` statement only needed to wrap this one function, and not the rest (alternative code shown inline). (4b, 4c)
6. And here you have more redundant code again. Note it isn’t just a matter of code length—the repetition that is happening here makes it harder for a reader to discern exactly what the different conditions do differently. (4b, 4c)

1a — +

2a (max |) — |

3a (max |) — |

4a — + ...Note that although you (mostly) fulfilled the specification of this assignment, now that you have seen what we will do in the animated scene, you do have some adjustments to make so that your sprites can tween something customized beyond position, rotation, and scale.

4b — / ...Although there were just two dings in this area, they are of medium size so having two is costly. First, the use of an object for parameterization was an explicit assignment instruction but it was missed. Second, the redundant conditional is something that really should not be seen at this point—that is just rudimentary D.R.Y.

4c — + ...The blank line suggestion stands, but you actually did follow that in other files so that is more of a recommended habit to form. Everything else was very well-presented—a welcome change from last semester’s formatting.

4d — +

4e — | ...Keep track of your commits! You have a rogue *Mr Meseeks* file sitting there. Bit of a spoiler to an otherwise decent commit log.

4f — +