CMSI 371-01
COMPUTER GRAPHICS
Spring 2013

Assignment 0226 Feedback

Because *2c* involves color and light computations, and this assignment pertains only to color, *2c* tops out at **|** with future assignments allowing expansion of this to **+**.

Chase Blokker

1a — Your proficiency with handling digital visual information in terms of pixels and geometric primitives is definitely well-demonstrated here. (**+**)

2c — No problems with color computations here at all. Transfer them to when we are dealing with light and you will be just fine. (**|**)

3b — You have shown a fine capacity for implementing graphics primitives. The circle gradient code falls just short of being done—you just need to fill that remaining area then modify all of the circle functions to use the new `plotCirclePoints` signature. The rest of the gradient computation is correct though, and of course your dash code works just fine, with that noted extra parameter too. (**|**)

3c — Your filters have very nice interest and variety. The rudimentary edge detector was particularly good to see. (**+**)

4a — Your code is certainly functional and works as intended. And, as mentioned, you are this close to having a complete gradient circle routine. (**|**)

4b — Your choices regarding separation of concerns are largely well-made. The one hiccup is your non-inclusion of your single-pixel filters as part of the `Nanoshop` object. This was actually requested in the assignment instructions, and was done with `NanoshopNeighborhood` as an example. (**|**)

4c — Your code is exceptionally readable and formatted well. This is very much appreciated! (**+**)

4d — Your work shows excellent use of resources and documentation. The unfinished circle gradient does not drag this one down because I think what remains there is merely more time to puzzle out how to fill the remaining area, and not additional information or research. (**+**)

4e — Your commit pace looks corresponds with clean units of work—and it looks like you got most things right the first time around (which is feasible for the kind of work done). Your commit messages are very nice and descriptive also. (**+**)

4f — Submitted on time (I count the gradient circle as "submitted but buggy"—so its unfinished state does not drag down this proficiency). (**+**)