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ECE 3220

LAB 1

Objective

The objective of this lab was to refresh our skills in programming in C. We were also able to grow accustomed to the Linux machines. The problems would remind us how to define macros, take in input, error check, analyze input, and produce output.

Discussion

I always start by giving it a rough go and code as much of it without really thinking about it.

Then I realized that the radius of a circle, buying price, and selling price all cannot be negative, so I patched that by throwing an error check in. Same went for checking on valid operator. When dividing, I would make sure the second value was not zero.

Some problems that could arise from the current code:

- In all programs, if you throw in operators where numbers belong it would not give desired result. There is no error check for checking numeric values.
- In profit.c, small thing I forgot to add was checking if the prices were the same. Either way it would say there was a profit of \$0.00 so not too big of a deal.