

Design for Classes

With classes, we can have functions and other helpful things in a single place, sort of adding to our data structure in a way that allows us to associate manipulations with individual data objects. I would include functions to set up, create and initialize matrices in the matrix class, functions I already have in my program in its current state like `show_matrix`, `initialize_matrix`, and `clear_matrix`.

This would allow for more organization in my program. For example the ability to show the matrix would be tied to which matrix I was working with (initial vs. result), and the same with initializing, clearing, or other operations tied to calculating the matrix. Anything that I can or possibly could do to both matrices would be very helpful in a class, again to help the structure of my program be more organized.