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Project 3 Report

For the third part of the project, I had to implement an UI via the console. My code was already written in such a way where you get different results via a string, so all I had to do was assign user input to that string. I did this by first having the program check if any arguments had been passed in. If so, then the argument is treated as a query and gets checked, passing back a result if found. If not, then the program simply asks the user for input. The program returns a filtered file if the query is matched to said file, else it returns a statement saying that the program did not understand the user. This continues over and over until the user types in “Quit”. However, due to how different people like to type in quit commands, “quit” and “q” also work for exiting the program.

The only real issue with this section of the program was trying to fix a bug from the previous section. I noticed that “cdc-filtered-severe-potential.htm.txt” was nearly empty. The only text within the file was three lines asking for the user’s email, like every other file. I just couldn’t figure out why that single file was messing up, but then I noticed that it wasn’t just that file. A few of them had been missing crucial information, and I just couldn’t figure out what was going wrong with it. The file was downloading properly, but the data was getting filtered away somehow. This bug was missed last time since I only checked out the research file. I’d like to get this issue fixed before I try implementing any new features into the program.