

Programming Assignment #5 Report - Jacob Walton

This assignment was both the easiest and hardest assignment I have done so far. What made it difficult is that for so long I just could not figure out how to get a csv file to be copied into a matrix. I have never worked with a csv file before while coding, so I went in blind thinking it would be at least relatively similar to extracting data from a text file. I soon found out I was extremely wrong, and I ended up searching the internet for hours, testing new code, trying new methods, all to get the data from an excel spreadsheet into a matrix. Sometimes the problem would be that I could not call a function that had an exception in its creation, or that I could not edit a static matrix from within another function, or even actually running out of space on my computer for any more errors. It was an incredible pain, but I finally found code on stack overflow that I was able to alter (and credit) to work with what I had made. Once I figured out how to get the code into a matrix, everything else was super simple. Unfortunately, I am not too proud of the organization of this program. While it is serviceable and meets all expectations required, due to being such a novice with working with csv files, it is not as clean as I would have liked. This project is definitely the one I would be most likely to replace with the code of a fellow classmate. Truthfully, I do not have a whole lot more to comment on in regards to this project, there will be a few things I need to do with the core program (the one from assignments 2-4) to ensure that it can easily write out the data as well as calculate it, but that is more a part of assignment 6. That is really the only thing of note I have left in regards to this program, it was difficult getting the data from the csv file, but once I got that running, everything else went smoothly. I can only hope that assignment 6 can go just as smoothly for a successful finish to this entire project.