Mohammed Azad: Lab 1 Part 2: Reflection

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| **Problems Domain** | **Languages Selected and Rationale** | **What about the language made it easy?** | **What about the language made it difficult?** |
| Reporting | Java | The benefit of using java is the amount of experience that I have using it. This is due to Java being a part of the main curriculum when I entered the program. Since this was a fairly difficult program, it made sense for me to use the language that I knew the best. | There isn’t an easy way of interacting with CSVs in Java as there is in Python. However the only reason I did not use Python was due to lack of skill that I have in Python. Had I more skill then I would definitely choose Python. |
| Math Calculation | Java | Again the reason I used Java was because it was the best one that I knew. Also the difficulty of the program was fairly low and doing basic arithmetic and feeding data from a basic text file is easy. | The most annoying aspect of Java, for me, is how strings are handled. This can be a problem when using a combination of different types in text files. It’s not something that is impossible rather that it can get frustrating when having to deal with many things. Seeing that the functionalities are available in other languages I don’t think I would pick another language. |
| Web Development | Javascript, HTML, CSS | HTML and CSS are very easy, for the most part, as they aren’t really like normal programming languages and I view it as a way of formatting text. Javascript is nice to use when you want to include extensive functionalities to the website. Also there is an aesthetic appeal that I enjoy viewing when working with these technologies. | It can be a little overwhelming when trying to remember the tags for HTML. And there are times when solutions for Javascript programs are very convoluted and create further problems. The big issue with these languages is that they can be very overwhelming. I don’t think that I would use another language, or set of languages, for something like this. |