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Reflection.

For this assignment I chose Java as the main programming language to write all three of the programs. I was very limited in choices since I’m not familiar with any other programing language besides C++. Both Java and C++ are very similar and since my most recent studied language is Java it seemed a bit easier to use due to being able to remember more of it than C++.

When I’m being asked if one language over another one is more suited for specific task; I must know at least a few languages to be able to answer such a question. I chose Java strictly because I know how to use it and I know it can help me complete this assignment. I think you can accomplish the same thing with almost any language. There may be a language that would make my program much easier to write but unfortunately I don’t know any at this point in time to be able to use it or at least compare to. C++ doesn’t really count since its pretty similar and would require the same amount of effort. I assume older languages would be much harder since they may not have all the new built in features that were developed over all the years and ease of use. I believe that’s the reason we study these new languages like Java since they can accomplish the same task with much less effort and are much easier to code in especially when compared to machine language(binary) that only involves ones and zeros. A single letter there is expressed with 4 bits(a=1010). It would be very difficult to write in it, spot errors, or even read it. I would really hate to be stuck writing code in binary so I’m very happy that we have translators and compilers to help us translate our regular written code into the language that a machine can understand(binary).