**Milestone Two Narrative**

1. Briefly describe the artifact. What is it? When was it created?
   1. This artifact is the conversion of a supplied application that was used in my CS-405 class, and it was created by the professor.
2. Justify the inclusion of the artifact in your ePortfolio.
   1. Why did you select this item?
      1. This artifact was a pretty straight forward application, and I felt that the example application didn’t need to be too complicated as the point of this effort is to convert from one language to another.
   2. What specific components of the artifact showcase your skills and abilities in software development?
      1. The ability to identify necessary, and redundant code, and also being able to organize it in a more relevant manner
   3. How was the artifact improved?
      1. A lot of redundant and unused code was completely removed. Also, I used arrays of structure objects instead of files, in turn, simplifying the code significantly.
3. Did you meet the course objectives you planned to meet with this enhancement in Module One? Do you have any updates to your outcome-coverage plans?
   1. Yes, I did meet my plans of converting and using more relevant storage capabilities for the data types and records
4. Reflect on the process of enhancing and/or modifying the artifact.
   1. What did you learn as you were creating it and improving it?
      1. I learned that Java is significantly cleaner, and less prone to programmer errors than C++.
      2. I also learned that the original coder did not finish the application as there was a lot of unused code.
   2. What challenges did you face?
      1. The biggest challenge for me was to get the application running in Eclipse IDE. I had troubles with the Build settings, but eventually figured it out.