**Learning And Reflection**

**CSC212 Intermediate Object Oriented Programming**

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As your study in this course draws to a close, it is important to step back and reflect on new levels of understanding, skills, and knowledge that you developed as a result of your efforts throughout this course. It is particularly important to reflect on the course outcomes (what you were intended to learn in this course).

Hey professor and all,

Here’s some of my thoughts. I realize that many of these thoughts are above what we covered in this course, but I hope they help show areas that I’m interested in. Have a very Merry Christmas and a Happy New Year, everyone! God bless!

Module 1

Demonstrating the ability to use Eclipse IDE for writing Java programs was good, but I would’ve appreciated exploring some of the other open source development environments; such as, IntelliJ, Netbeans.

In Demonstrating my understanding of fundamental programming concepts such as data types, selective statements, and repetitive structures, it would have been really helpful to see the correlation between Riemann summations and looping mechanism. Also, a quick discussion on runtimes wouldn’t have been overwhelming.

Module 2

Implementing Java applications is almost always a joy, but spending some time in understanding how and why to design functions, classes and other associated software programs. Package exploration would have been really useful along with file locations and relationships. I mention this because, C# uses namespaces and it’s a bit different than Java with regard to relationships and dependencies.

Module 3

Demonstrating my capability in using data structures I felt would have been better spent with the implementation of hash tables and resolving search problems with hash functions.

Module 4

Demonstrating my ability to use sort and searching algorithms was fair. I realize that we don’t have to go into every sort algorithm, but I would’ve liked to have seen how to implement the Merge sort algorithm in a iterative way and not recursively.