

End of Course Reflection

- What stood out to you as the most important things you learned about computer programming this quarter? Why do you think they're important?

The most important things that I learned would be multidimensional arrays, vectors, pointers, and objects with classes. These are the more advanced functions in c++ and are what this language is about. Being able to manipulate and use objects. Thus c++ being an object orientated programming language.

Another important factor that I learned would be to try and develop a strong understanding of the syntax. The reason being, once you learn one language, other languages are easier. There are a lot of similar syntax and logic within the coding languages.

- What topics do you still find confusing? What can you do to get a better grasp on them?

The only topic I am finding a little confusing and still working on are Pointers. I do have a basic understanding, but I feel I need to be more fluent in pointers and using pointer notation.

This is where I was having issues with Assignment 10. The last assignment was a bit difficult to figure out the Library.cpp. It was difficult to figure out when to use the vector members or holdings in the pointers. When I thought I should use the vector name, I ended up needing to use the pass through variable instead. I would like to figure out these situations.

To get a better grasp, I will need to read over the chapter again and look at the notes that were posted on Canvas. I will also possibly scour the internet to find more material or practice problems. My goal is to have a better understanding and usability before CS 162.

- What did you learn this quarter about how taking online courses works for you?

Taking this course, I knew that there would be a lot of work. Especially when you do not have a classroom environment. I went at this course with the notion to read the entire chapter and teach myself the content. I did not really use the notes or videos that were supplied. I thought the book did a great job explaining the content. It was very simple to grasp most of the concepts.

- How can you generalize your experience in this course in a way that will help you in future courses?

To help me in the future, I will need to keep prioritizing the readings and then tackle the homework. I also made sure to turn in my homework the day before it was due. This allowed me to complete assignments on time and have enough padding in time if I needed to make small changes.

- How has this course helped crystallize your ideas about what a career that involves computer programming might be like?

I feel that this course is just one example of the computer programming field. The reason I say this is because I have a friend who has a computer science degree. In his profession, he works with coding and automation in large databases that uses Oracle. What we achieved in class is just a small taste of what we should plan to experience in the real world application. There needs to be more time to have a solid understanding of what the field will entail. This class was the first step, but I feel it gave good insight overall into the degree field.