Your Name: Sunday Ogbonnaya Onwuchekwa

1. In your own words, please describe object-oriented programming and explain why it is useful?

Object-oriented programming is a model that organizes software development as objects instead of sets of functions. OOP is useful because it lets programmer write programs that imitate real-life object, such as a car with different features. It also allow coders to hide part of their codes (encapsulation & abstraction), reuse codes through inheritance, adapt a single object into whatever form they desire (polymorphism), and easily maintain their codes.

1. Of all the different data structures we discussed, which one do you think is the "coolest" and why?

I believe that queue is the coolest of all the data structures we discussed this semester. Queue allows a programmer to write programs to handle an event where the first item to enter a queue exits first. This follows the law of natural justice where the first to come is the first to be served.

1. What is the most interesting thing you learned this semester?

I learned many interesting things this summer. I am finding it difficult to choose. Therefore, if it is mandatory to choose, I believe inheritance and polymorphism are the most interesting thing I learned this semester.

1. If this course included three more weeks, what additional topic(s) would you like to learn about?

Additional topic I will love to be covered if this semester is to be extended three more weeks is multithreading in python.

1. What was the biggest misconception you had about this material prior to this semester?

I thought this class would be all about data structure and algorithm. I was shocked to see python feature prominently in this course.

1. Do you have any final questions/comments for your instructor?

I am grateful to my instructor, TA, team members, and classmates for helping me succeed in this class. There are times when without their help and support, I would have failed miserably. Keep up the good work.