Your Name: Sunday Onwuchekwa

1. Describe two benefits of using functions
2. Programmers use functions to organize their programs according to how they think about a solution to the problem.
3. Using functions reduces duplication of code; it enhances code reuse and scalability.
4. If you were getting paid to write this week's "prove" assignment, and could spend another 100 hours on it, what would you do differently?

In my code, I opened rates.csv on each function call for calculating average, min and max values of the comm\_rate. What I would have done differently would be to open the file once, read its data, and reset the reader after reading all rows.

1. What is the most interesting thing you learned as a part of your work for this class this week?

The interesting thing I learned as part of my work for this week is to avoid placing codes after a function return key word because that code placed after return will never be executed.

1. Describe one specific way that you helped someone else this week, or reached out for help.

I had problem locating the files needed for this week’s assignment. After searching for a while, I placed a question on slack and Steven Chambers provided a life saving answer.

1. Are there any topics from this week that you still feel uneasy about, or would like to learn more about?

I feel uneasy about the Big-O Analysis. I will like some real life examples of each time complexities. I will also love to know when to use each Big-O notation.

1. How much time did you spend this week on each of the following?
2. Reading – about 1 hour
3. Checkpoint A – about 15 minutes
4. Checkpoint B – about 45 minutes
5. Team Activity – about an hour
6. Data Structures Homework – about 2 hours (I still do not understand it).
7. Prove Assignment – about 4 hours (I had issues getting the index of the row with maximum and minimum value and its associated values)

If you have other questions or comments for the instructor, please post them to Slack, either in the general channel if others can benefit, or as a direct message if the matter is more personal.