

Maddie Schiffler
November 19, 2024
Python 100

Assignment 06 – Functions

Introduction

It felt like we learned a lot of more complicated content very quickly in this module. The professor's QA session was very helpful to understanding the topics better. This week, we were introduced to functions and classes and the many different things to do with them.

Functions and Classes

There is a lot to know about functions, and I believe we are only scratching the surface with this week's lesson. One thing that was a little difficult for me to grasp was not passing in constants. I thought that I could call the function and pass in "student_data" and "FILE_NAME", but I had to define them to equal what the local variable is. Classes were also new this week and provided a nice way to organize functions. Maybe we will learn more about how to use classes in future modules. The return command was also introduced this week and had its own video, which seemed a bit excessive to me because the concept is relatively straightforward.

This Week's Assignment

Based on what we learned in the demo and lab videos, I had a version of this week's assignment set up before going through the summary video. I was running into some errors like when selecting 2, no data would return. The video helped me understand how to properly call parameters. The difference between "student", "students", and "student_data" seemed minimal to me, but it was in fact a big difference. Once I started understanding how to use the functions and classes and how to properly call them, things fell into place. It's convenient to have the starter template to work from. I didn't have a lot of difficult errors to work through because I was able to follow the lab and then the review video closely.

Summary

To conclude, this week's lesson taught a lot about functions. We learned how to define classes and functions and call to other functions within other functions. It was challenging but at the end I think the concepts made sense and will hopefully continue to be applicable in the next modules.