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Assignment 7 – Classes and Objects

Introduction

This assignment consisted of generating a menu in which the user is provided with options to register a student for a course, show the existing data, or generate a file that would be populated with the registered students. The script includes error handling, classes, objects, and a logical statement. The classes include properties and a __init__ method that was used to initiate an object under the Person and Student classes.

Script Overview and Output

The script and .json file for this assignment are saved in the uploaded zip file and have also been saved to the Github repository linked below.

I also created a new repository and have saved my script to the repository below:
https://github.com/emike9852/IntroToProg-Python-Mod07.git

Summary

I really enjoyed working through this assignment, however it did take me some time to get used to the programming. The conditional formatting is making more and more sense each time I implement it. I like that it is now based on the classes that we define in the beginning of the script, it makes things much more condensed and we're able to code what each menu item does in a short manner. The properties and setters did take me a something to figure out. I had to iterate multiple times, but I now think it is working correctly based on the instructions outlined for the assignment.