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IT FDN 100

Assignment 06

<https://github.com/woldeth/IntroToProg-Python-Mod06>

Task & Priorities

Introduction

In this assignment we learned about organizing a previously done lab using functions and classes for reusability. In this report I will not explain the details of the code it self as that was the last homework assignment I'll give a high level overview of how I choose to organize my code.

Classes and Functions

The task and priorities assignment has two classes, one for processing the information and the other for displaying and taking inputs for data. The purpose of classes is organize your functions into different groups. Within the class I have specific functions that perform a cert task such as display current data and save data to file.

Organizing Code

This lab is very similar if the not the same as the previous assignment. I went ahead and made different functions to perform different operation within the if/else statement. All I had to do was take the code from the last lab and organize it in such a way the processing code and the displaying code were in the correct functions and call the function in the main to actually run the functions.

When calling the functions I would pass in arguments so the function would be able to take those values and either process the data and return a new value or display the necessary data dependent on the task.

While working on this assignment I went and worked on one task at a time and got it fully working before moving on to the next option.

Conclusion

Overall, through this assignment I was able to create a program that took in values continuously from the user and saved them to at table using a dictionary. The user was able to select multiple options in which we would display or save the data and even delete data they have already inputted. I was able to organize the code using functions and classes to make my code reusable and easier to read.