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Course: IT FDN 110

Assignment: Assignment 6

Re: Knowledge Document for Assignment 6

Introduction: Assignment 6 requested several action steps and updates to the assignment 5 script for CD Inventory. In order to modify the CD Inventory, the tasks included the following steps:

* Add code for write\_file function;
* Move processing code into function when deleting a CD;
* Move processing code into function when saving CD data;
* Move IO code into function for adding a CD;

Step 1: The write\_file function and the movement of code into data processing section of the code were great examples of how to utilize the efficiency of a function. And also showing how to organize the code layout between the data processing and IO functions. I’m still getting the hang of the difference between these function types.

Step 2: I struggled with the addition of CD data functions including the user input section as well as adding the data to the 2D table. Before moving the code to the IO and processing sections the add portion of the code was working properly. However, after moving the code into the function areas, the error messages began popping up. The primary one was that strID was not yet defined.

A screenshot of a computer

Description automatically generated with medium confidence

Figure 1 – Script results in Spyder for deleting CD inventory from 2d table.

A screenshot of a computer

Description automatically generated with medium confidence

Figure 2 – Script results in Spyder for CD deletions saved in the file.

A screenshot of a computer

Description automatically generated with medium confidence

Figure 3 – Error messages around the add CD choice.

Text

Description automatically generated

Figure 4 – Terminal window error consistent with Spyder indentation error.

Below is the link to my Github information.

<https://github.com/caroltru/Assignment-06>

Summary:

While I understand the power and usefulness of functions to maximize efficiency and reduce redundancy, I still continue to get confused with the various subject items we’ve covered this session. I am also frustrated that I could not sort out the indentation error in my code as well as the add CD selection coding.

I plan to work through this while I have time off this week from work. Also, I received my Covid booster this afternoon and I’m not feeling great. I’m certain that this does not help when working on my homework.

The course moves very quickly through large chunks of information. My knowledge of a chapter is not cemented before we move onto the next chapter. Knowing myself, I require more repetition with ideas and topics before my understanding is solid. Unfortunately, each week is layered upon my shaky understanding of the prior week’s material. I’ll continue to work through examples and homework to improve my knowledge.