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IT FDN Programming 110

FDN Programming 110 Assignment 06

# Introduction

Assignment six mirrored the menu options of assignment 5 but classes and functions were created to handle menu options for data processing, data I/O, file processing and presentation in the GUI.

# Comments:

I ended up doing quite a bit of re-reading regarding dictionaries both in the Class Book, FDN\_Py\_Module\_06.pdf form and online python sites. This is the primary reason for the late submission of this assignment.

# Writing the script:

The functions used to add and delete inventory were placed in the Data Processing Class due to looping logic within these areas. The task of saving CD inventory from menu to disk was placed in the File Processing class of functions.

Running the scripts.

Since the main changes to the starter script were to move the add CD inventory, delete CD inventory and saving of the CD inventory into functions, my screen prints show the results of the add, delete and save operations.

Running the script from Spyder

### Adding CD Inventory to Memory:

Figure - Adding a CD to current inventory

### Saving CD Inventory from memory into text file: Text Description automatically generated

Figure - Spyder UI - Saving CD inventory to disk

### Deleting CD Inventory from memory:

Figure - Spyder UI - Remove CD from list in memory

Running the script from the Console:

### Adding CD Inventory to Memory:

Figure – Console - Adding a CD to list in memory.

### Saving CD Inventory from memory into text file:

Figure - Console - Saving CD List from Memory to Disk.

### Deleting CD Inventory from memory:

# 

Figure - Console - Delete CD from Inventory in Memory

# GitHub Repository Link:

<https://github.com/jjohanne514/Assignment06>

## Summary

For this assignment we learned the following:

* How to create functions and classes for functions.
* How to further organize a python script by placing functions within classes specific to data processing, file processing, presentation I/O and data display in the UI.