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IT FDN 110 B

Assignment 6

Foundations of Python – Assignment 6

# Introduction

This document will outline concepts learned in Assignment 6

# GitHub Link

<https://github.com/shaneam12/Assignment_06>

# Assignment 6

For this assignment, the goal was to apply the function format to a python file in order to optimize our programs. The functions were split up into 3 classes, Data Processor, File Processor and IO. For the functions in this code, there were some with input parameters and others without input parameters that simply ran and executed their tasks. For those with output parameters, the function executed the task and then returned the output variable to the main function. The functions in this program cleaned up unnecessary clutter in the code allow the programmer to combine multiple processes into one simple function which can be run multiple times.

For modifying the code, I noticed that it was difficult to understand code that was not my own. I had to go through and read it a few times to truly understand what was happening. This really stresses the importance of comments in the code because if there weren’t any comments, I would not have been able to figure out how the code worked.

A screenshot of a computer

Description automatically generated with medium confidence

Figure - Screenshot of Code Working in Spyder

Text

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Figure - Screenshot of Code Working in Terminal

# Summary

In this assignment we learned the role of functions in our code.

# Appendix

## Listing CDInventory.py

Text

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Figure – 1st Screenshot of Code

Text

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Figure – 2nd Screenshot of Code