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13 November 2022

IT FDN 110 B

Assignment 5

Foundations of Python – Assignment 5

# Introduction

This document will outline concepts learned in Assignment 5

# GitHub Link

<https://github.com/shaneam12/Assignment_05>

# Assignment 5

For this assignment, the goal was to apply the dictionary format to store data in a txt file. Dictionaries function to store data in a list using key and value pairs. This makes it easier to index through and identify the data that you want to use. Using the given CD Inventory file, I modified the code to use the dictionary form. I found that dictionaries were much easier to work with because each value has its own label, and you can easily refer to that in code. However, dictionaries do require you to go one level deeper and grab the values in each row instead of the row itself.

For the new code, there were a few steps that you needed to take to get the data working. For example, I needed to clear the dictionary each time I loaded so that the loaded data was fresh each time and did not use the previous data.

For the GitHub repository, I created a readme file with simple instructions and then committed the files to the repository.

A screenshot of a computer

Description automatically generated with medium confidence

Figure - Screenshot of Code Working in Spyder

Text

Description automatically generated

Figure - Screenshot of Code Working in Terminal

# Summary

In this assignment we learned how to create and upload to a GitHub repository and how to peer review peoples work. We also learned the role of dictionaries in our code.

# Appendix

## Listing CDInventory.py

Text

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Figure - Screenshot of Code