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IT FDN 110 A Su 23: Foundations Of Programming: Python

Assignment06

<https://github.com/DMTurnipseed/IntroToProg-Python#introtoprog-python>

Functions

# Introduction

This assignment calls for modifying a script that manages a to-do list by adding more functions. I took the answer provided to Assignment 05, learned from the previous mistakes I made, and tried to organize that code into functions. There were many errors and this assignment required a lot of asking for help from classmates and our instructor.

# Troubleshooting Errors

One of the main errors I encountered was for Option 2: Remove an existing Task. When I entered the input, it repeated the prompt to enter the input rather than moving on to the next step (Figure 1).

A screenshot of a computer program

Description automatically generated

Figure 1: The input option repeats until finally showing the menu of options again

Eventually, after trying many different approaches I had to look at the “More Help If Needed” folder. Professor Root also recommended that it might simply be an issue of indenting. So, I tried fixing that too.

# Assignment 06

## Program Start

The program starts correctly with the current tasks displayed and the menu of options working properly (Figure 2).

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Figure 2: Reading data from file and menu of options working correctly.

## **Option 1: Add a new Task**

I experimented with several different text strings and they displayed correctly without issue (Figure 3).

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Figure 3: Adding tasks displaying correctly.

## Option 2: Remove an existing Task

This is the option that gave me the most trouble, but here it is (finally) working—hallelujah! (Figure 4)

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***Figure 4: Remove task working correctly.***

## Option 3: Save Data to File

Saving the data to file works correctly. I think I might modify it in the future so it goes directly to the menu of options rather than pressing the enter key to return to menu (Figure 5).

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***Figure 5: Data saves correctly, I opened the .txt file to verify.***

## Option 4: Exit Program

No issues when breaking the loop and exiting the program (Figure 6).

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***Figure 6: Goodbye!***

# Command Prompt

For some reason, I am still having the same error where it says the .txt file can not be found (Figure 7).

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***Figure 7: File Not Found Error***

# Summary

I thought this would be a simple assignment of transferring the previous script into functions. It was not simple. However, I am very grateful for all the help received and grateful that it is now working correctly. I learned a lot and functions are awesome!