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Python Foundations of Programming

Assignment 06

Creating my 'Assignment06_starter.py' python script

Introduction:

Assignment 06 was very challenging and educating at the same time. Being able to complete the assignment and fixing the indentation errors one after another and finally getting it right felt rewarding. Below I will attach some images of my code and also the result of my code showing data in a text file.

A preview of my code:

Below in figure one you can see a preview of my code, which show the changelog and some code to start off writing out my script. I couldn't get a full image of the whole script since it was long. However, in the image below you can see the filename, and what I named my txt file etc.

Figure 1: A screenshot of the start of my code.

My scripts final result in the command prompt:

In figure two below, you can see the final output of my script running in the terminal.

After running my final script, I chose option number two which is the 'add a new task option' as you can see, it's now telling the user to 'Enter a new task'.

```
Assignment06_Starter.py ×

■ ToDoFile.txt

Assignment06_Starter.py > ...
           IO.print_menu_Tasks() # Shows menu
           strChoice = IO.input_menu_choice() # Get
           if strChoice.strip() == '1': # Show curre
               Processor.read_data_from_file(strFileNation)
               IO.print_current_Tasks_in_list(lstTable)
               IO.input_press to continue(strStatus)
           elif strChoice.strip() == '2': # Add a ne
               strTask, strPriority = IO.input_new_tas
               Processor.add_data_to_list(strTask, st
               IO.input_press_to_continue(strStatus)
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
       Menu of Options
        1) Show current data
        2) Add a new Task
        3) Remove an existing Task
        4) Save Data to File
       5) Reload Data from File
        6) Exit Program
Which option would you like to perform? [1 to 5] - 2
Enter new task:
```

Figure 2: A screenshot of my final script running in the terminal

Verifying my file has data:

In figure three below, you can see that my 'ToDoFile.txt' file has data in it. I ran the file on notepad to see the outcome of it, and the final outcome has proved that my file has data in it..

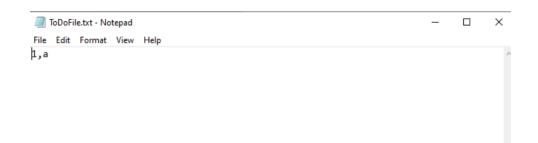


Figure 3: A screenshot of my '.txt' file that has data when it is ran.

Summary:

In conclusion, in Assignment06_starter.py we used functions, parameters, arguments and return values. We wrote, removed, added, and showed current tasks in the list of dictionaries. we also read data from a file during the process of writing our script.