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February 19, 2022
Foundations of Programming, Python
Assignment 6

Intro to Programming - Python

Introduction Functions, Classes and Git Hub

In this assignment I will explain the steps I used to create the script to add tasks and set a priority to a To Do list. In addition, this script also uses functions to pass values to and from different functions to add, remove, list and save these to a file.

Variables

I wrote the script in the PyCharm environment on a Windows machine. I added a variable to the original list to verify that the end user wanted to quit. All other variables remained the same.

Starting the Code

I actually took each step as I knew how to code that step. The removal was a little tricky as I tried to understand the concepts of sending the variables back and forth to the different functions. Took me several tries to get the concept and process to work.

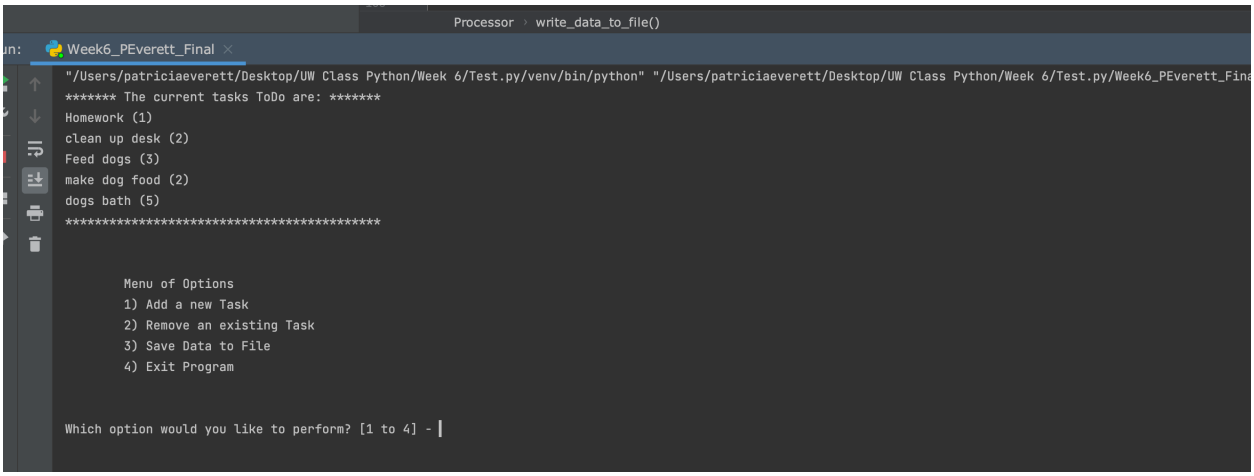
Script

Once I got the code to finally run correctly, I also added my file to GitHub here: https://github.com/pme636/ITFnd100-Mod06. In addition, I added the link to the section on UW Canvas so that others may review my code.

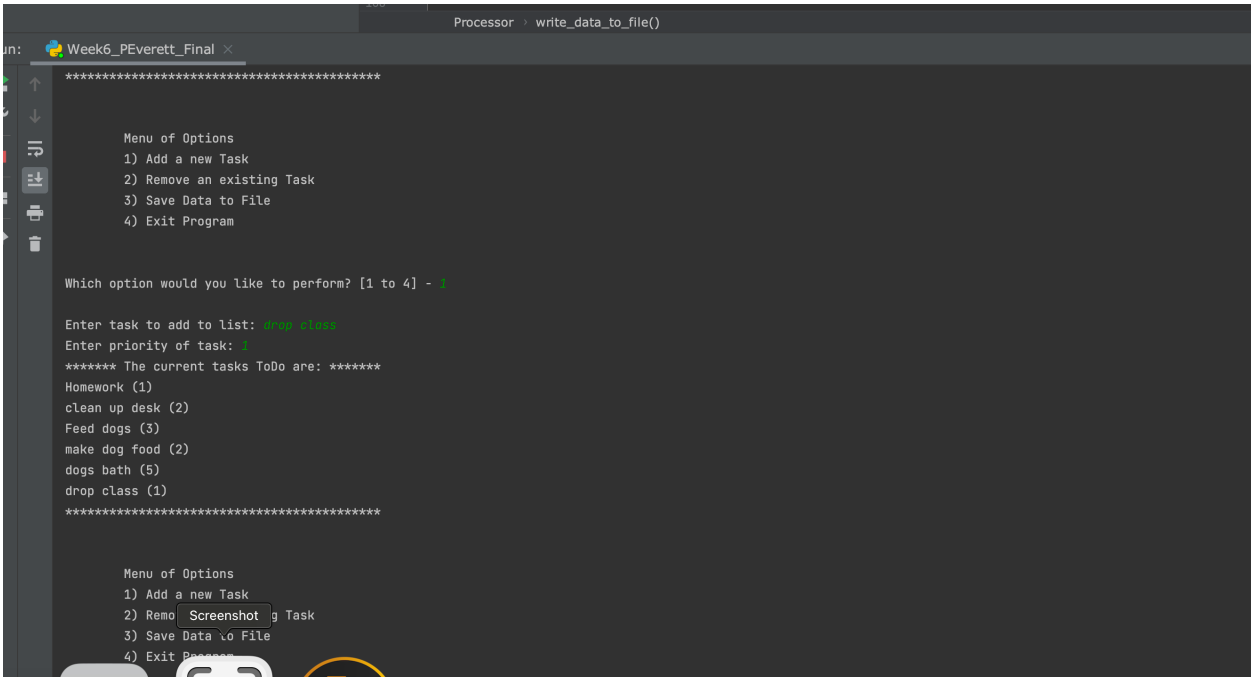
Final Code:

The code finally ran as expected after many changes and there are NO errors on a WINDOWS machine. See all of the screen prints with no errors noted:

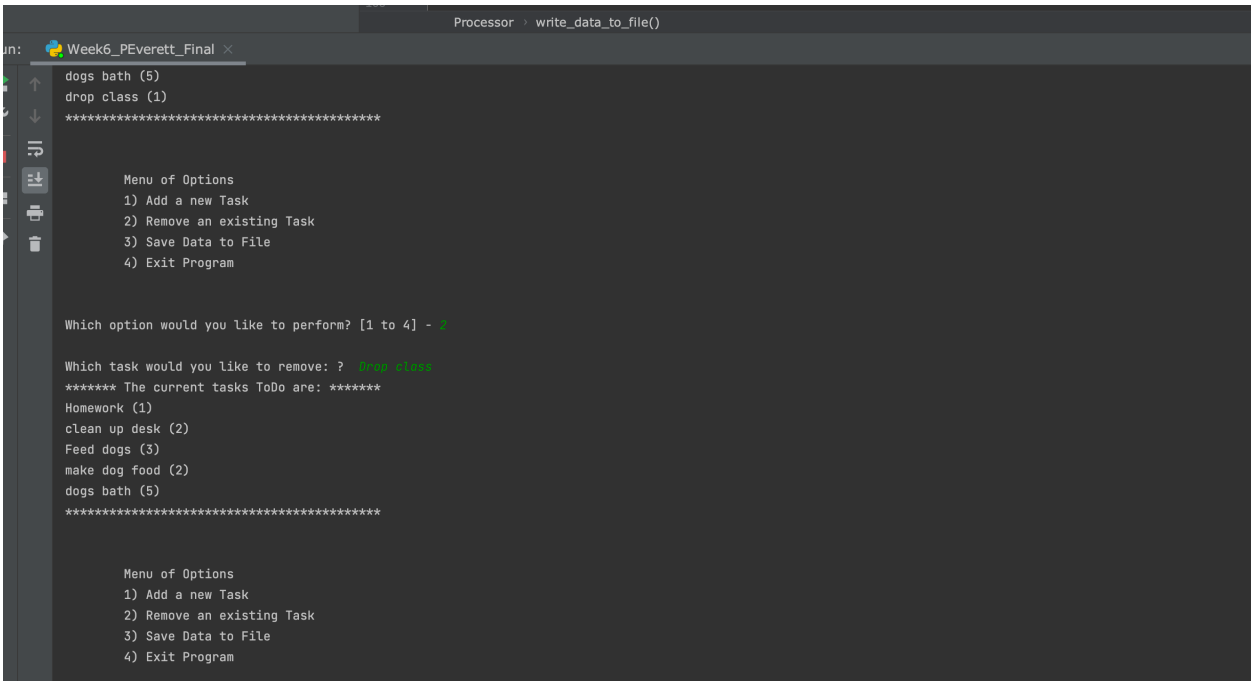
Selection 1: Lists out all the tasks currently in the file.



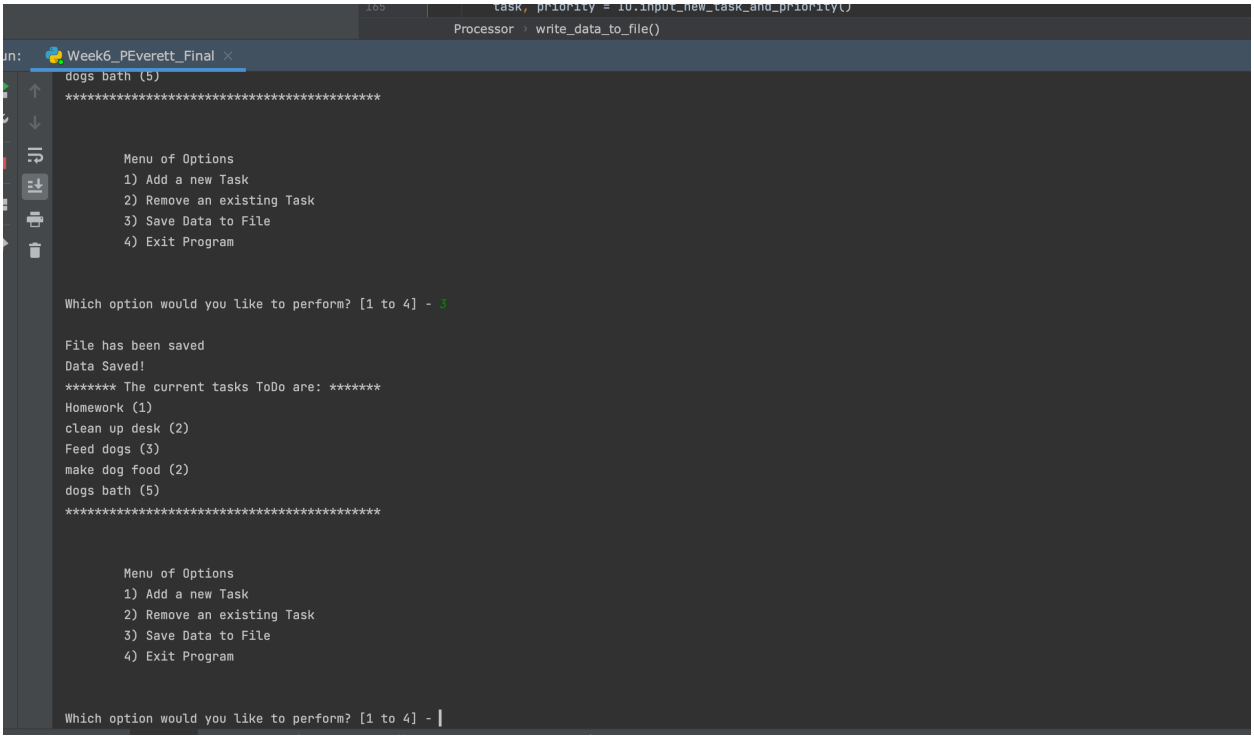
Selection 2: Add a new Item:



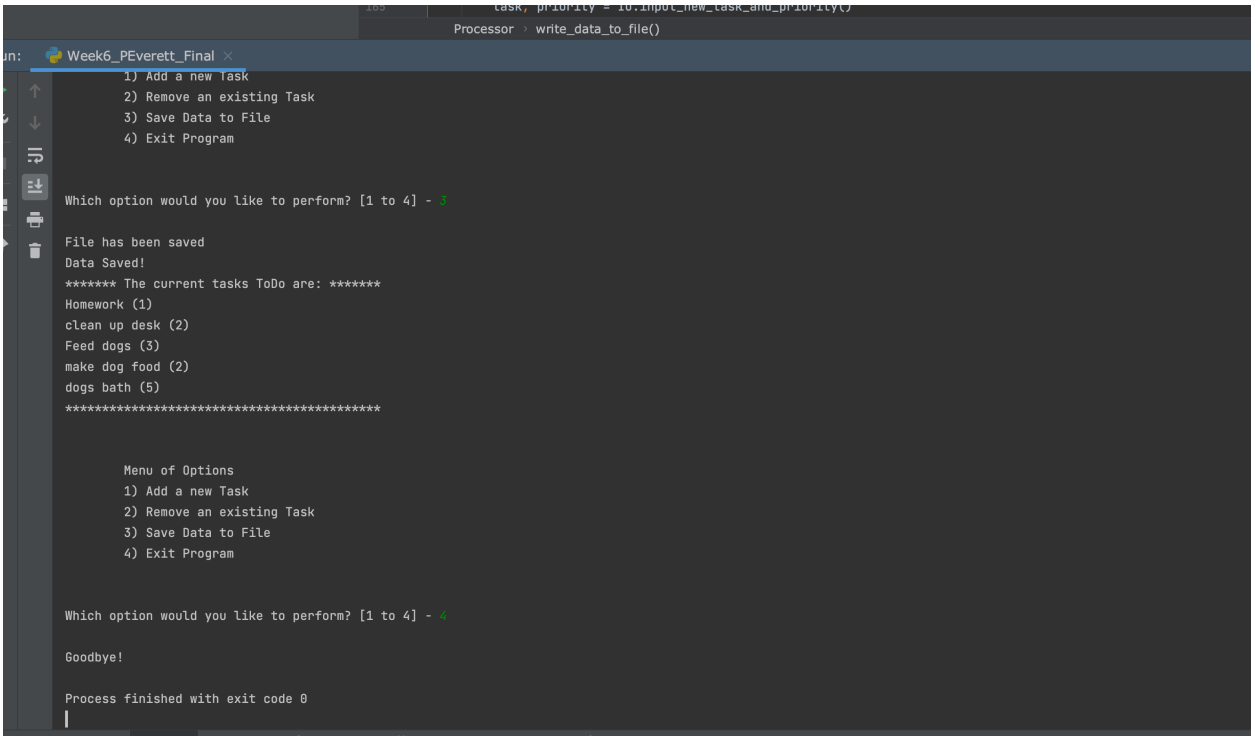
Selection 3: Remove an existing item



Selection 4: Save data to file



Selection 5: Exit with added bonus of asking if the end user is sure



Another screen print to show it works.

Script Saved

The Pycharm file was saved in my folder on my Mac along with the ToDoList.txt file.
I also added the file to GitHub at this link: https://github.com/pme636/ITFnd100-Mod06

Summary

Using the provided information from this week's assignment I was able to create a script that provides a menu for the end user to choose what steps they want to take. They can add, remove or list out the tasks on the file.