Timothy Hitch

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IT FDN 110A

Assignment 6

# Documenting Assignment Six

## Introduction

We have been tasked with creating the sane to-do list as last assignment, using functions and classes this time. Functions and classes are a way to organize your code for better readability and to compartmentalize tasks.

## The To-Do List with Functions

I started with the starter file provided, and my code from assignment 5. The functions are defined in the starter, I just need to make the functions work. I utilized the code that I wrote for the last assignment.

I started with the Processor class functions. I used the code to fill in the add\_data\_to\_list, remove\_data\_from\_list, and write\_data\_to\_file. I initially coded these with the IO code in them so that I could test them. After verifying that the code worked I moved on to the main body of the code to integrate the created functions with the code.

At this time I had a working program, with only one class of function created. I then addressed the IO class. I went through the code as if I was executing the code and identified all the IO events and flagged them to move to the appropriate function. This included both the main program and some of the Processor functions.

As each IO function was created and placed into the main function it was tested. As everything was competed, each function because streamlined, and the main program looked more like pseudocode.

## Summary

Functions, and classes create programs that look more like pseudocode. Each function call obscures the actual code being run and creates a program that looks less like code and more like blocks being assembled together. The main body of the code become easy to read and understand, and when you need to look for the code that is being used you just have to reference the function code, each a piece at a time.