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IT FDN 110 A Au 22: Foundations Of Programming: Python

Assignment 08

<<https://github.com/cjmuth/IntroToProg-Python-Mod08>>

Classes and Objects

# Introduction

The goal of this project is …

A partial program has been provided to start from. All the necessary structure exists, but operational code has been omitted in several places so it will not run as it currently exists. So we will need to map the logic for the existing code, identify where it is lacking, and develop the logic and code to make it work.

# Designing the program

Examining the starter file, the logic flow looks like this - with areas where code is missing is indicated.

* Data
  + declare variables and constants
  + class Product
    - *MISSING CODE*
* Processing
  + class FileProcesser
  + Process data from a file
    - *MISSING CODE*
  + Process data to a file
    - *MISSING CODE*
* Presentation (Input/Output)
  + class IO
    - def print\_menu\_items
    - Get user’s choice
      * *MISSING CODE*
    - Show the current data from the file to user
      * *MISSING CODE*
    - Get product data from the user
      * *MISSING CODE*
* Main Body of Script
  + Load data from file into a lis of product objects when script starts
    - *MISSING CODE*
  + Show user a menu of options
    - *MISSING CODE*
  + Get user’s menu option choice
    - *MISSING CODE*
    - Show user current data in the list of product objects
      * *MISSING CODE*
    - Let user add data to the list of product objects
      * *MISSING CODE*
    - Let user save current data to file and exit program
      * *MISSING CODE*

### The Product class

### The FileProcessor class

### The DataProcessor class

### The IO class

### The main body of script

adding spaces to a string

<https://maschituts.com/how-to-add-space-in-python/>

# Running the program

### Executing the program in Pycharm:

### Executing in a Terminal window:

# Summary

In this project