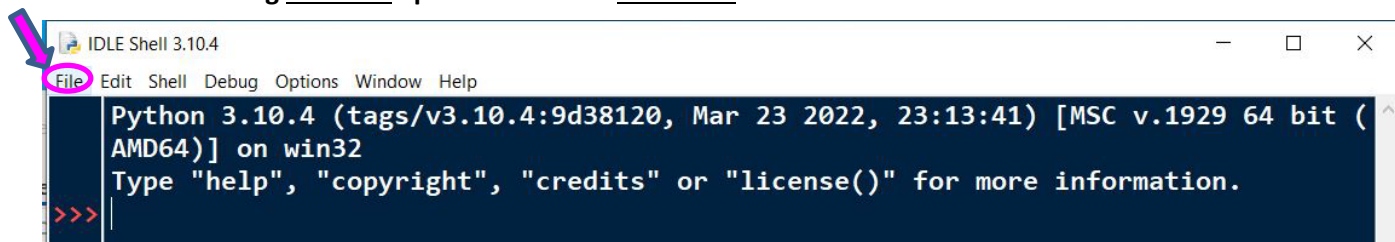# (SET) Program Assignment Instructions

Last Changed: 1/16/2023 4:33 PM

Read and follow the directions below carefully and perform the steps in the order listed. You will be solving one program as instructed and turning in your work electronically via an uploaded file within Eagle Online/Canvas. Make sure and check your work prior to uploading the file.

*Note: Refer to **(SET) How to Download Install and Use Python IDLE (Windows User)** file (**Page 8**) and/or **Use Python IDLE Video** link within **Module 2** on how to **create**, **enter**, **save**, **run**, and **submit** a **script (source code/program) file**.*
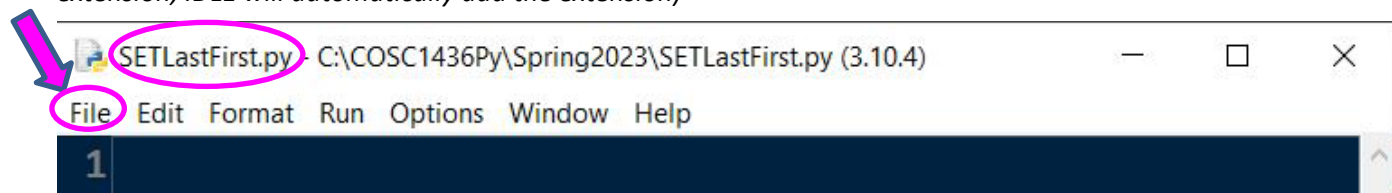
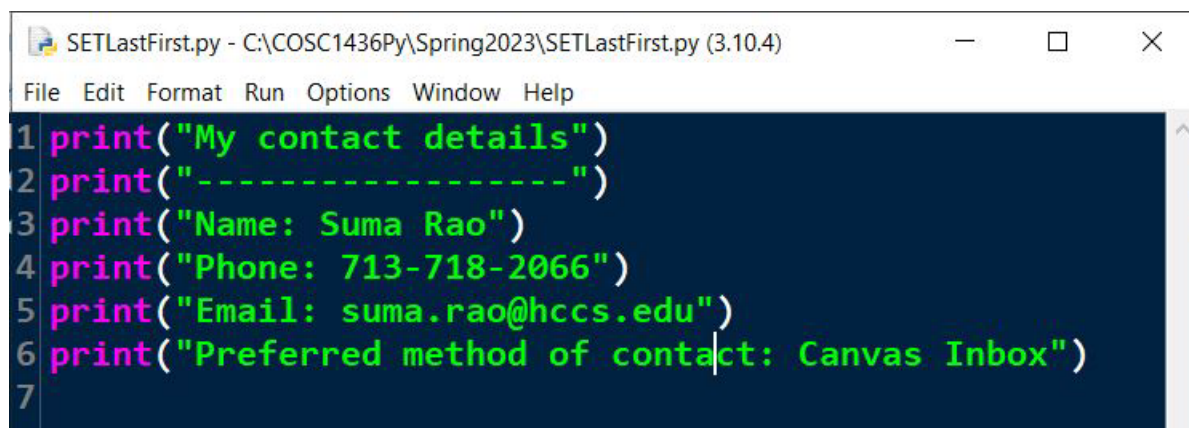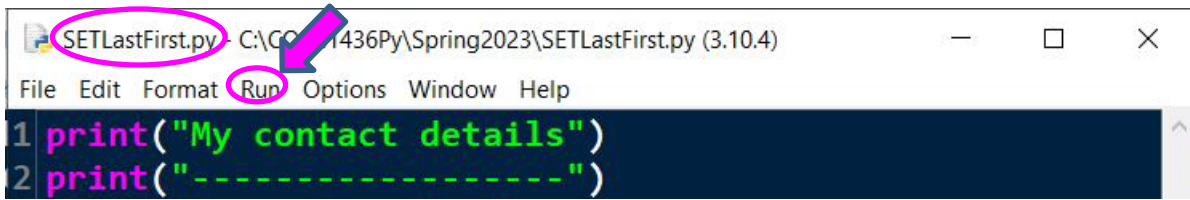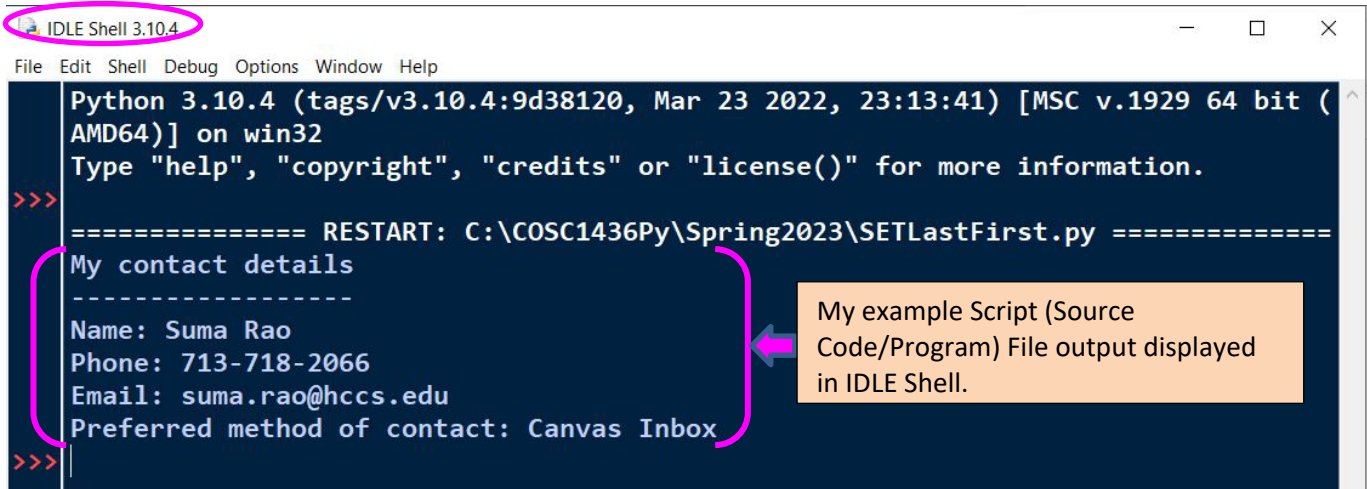| Instructions |
|---|
| 1. **Using Python IDLE, <u>create</u> a New Empty <mark>Script (Source Code/Program) File</mark> in your working drive by clicking the <u>File</u> menu and selecting <u>New File</u> option within the <u>IDLE Shell</u>.**

  |
| 2. **<u>Save</u> the new <u>Script (Source Code/Program) File</u> with the name <mark>SETLastFirst.py</mark> by choosing <u>File</u> menu's <u>Save</u> option** *(Note: Make sure to know where you saved the file in your working directory for future submission)*

 *(NOTE: Where **LastFirst** should be replaced with your actual **Lastname** and **Firstname**. For Example, if your name is Mary Smith then your file name should be named: **SETSmithMary.py**. Reminder: You don't need to add the **.py** extension, IDLE will automatically add the extension)*

  |
| 3. **This program assignment is to ensure that you downloaded Python IDLE and you can develop and run a basic Python program. So, <mark>write a small python program</mark>. The program can print anything you want to the screen. It can have only one print statement, or many print statements *(similar to what is shown in the screenshot below -OR- you can refer to more examples in the EXAMPLE PROGRAM and/or VIDEOS links within this module).***

  |

Instructions

4. After completing your program as instructed, make sure to <u>run your program</u> by clicking the <u>Run</u> menu and selecting the <u>Run Module</u> (or F5 function key) option within the Script (Source Code/Program) file.

5. Your Script (source code/program) File output should be displayed in the **IDLE Shell** as shown below:

7. **You may now proceed to** <u>Program Assignment INSTRUCTIONS and UPLOAD</u> **link within this module and follow the instructions in the link or follow the below steps to Upload the** <u>script (source/program) file</u> *(that has the python print statements)* **you created in step 2 above:**

    a. Choose the **Start Assignment** button,
    b. Choose **File Upload** tab,
    c. Choose **Browse** to locate your <u>script (source/program) file</u> to add,
    d. Choose **Submit Assignment** to complete file upload.

NOTE: ONE OF THE COMMON MISTAKES IS THAT STUDENTS ENTER PYTHON COMMANDS/STATEMENTS IN THE "IDLE SHELL" DIRECTLY AND SAVE THE RESULTS TO A FILE AND SUBMIT WHICH IS INCORRECT!!!
INSTEAD...
YOU SHOULD FOLLOW THE ABOVE STEPS TO <u>CREATE A NEW SCRIPT (SOURCE CODE/PROGRAM) FILE</u> FROM THE IDLE SHELL, <u>SAVE</u> THE FILE, <u>ENTER</u> PYTHON STATEMENTS (PROGRAM) INTO THE FILE, <u>RUN</u> YOUR PROGRAM, AND <u>SUMBIT</u> THAT <u>SCRIPT (SOURCE CODE/PROGRAM) FILE</u> AND NOT THE OUTPUT OF THE IDLE SHELL!!!