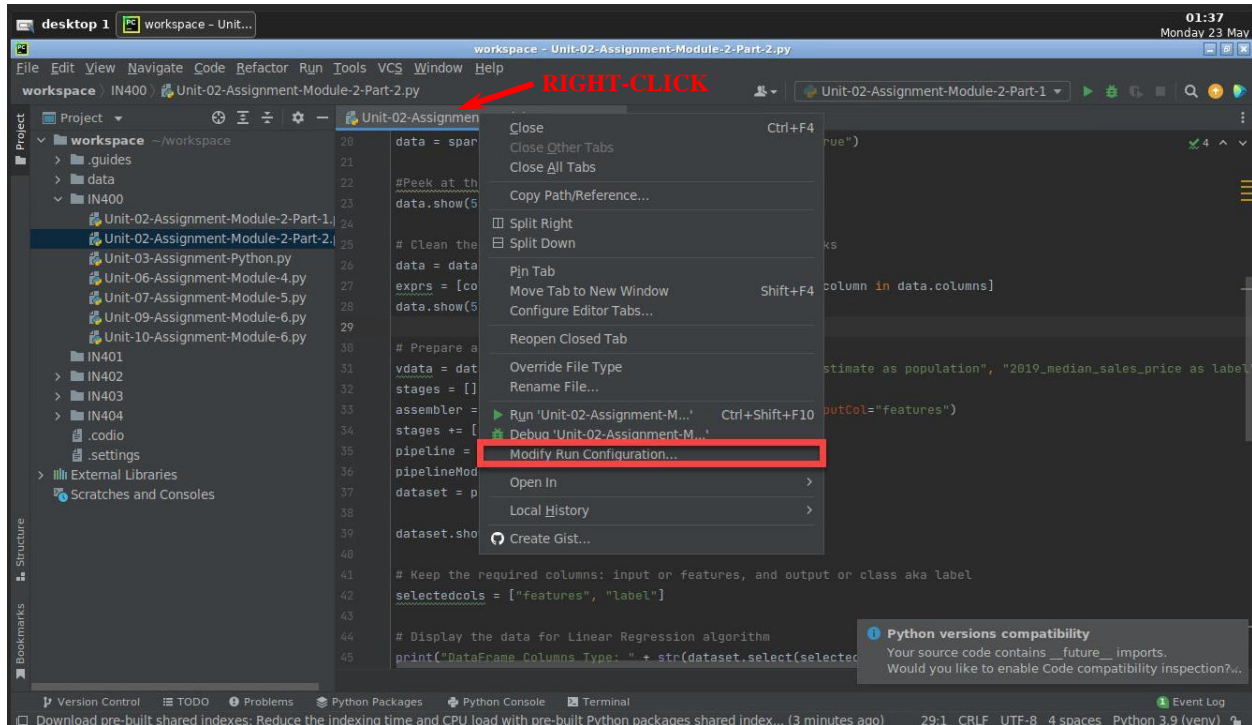# SETTING UP THE OUTPUT FILE FOR PYCHARM CODE EXECUTION

This procedure shows how to establish an output file for PyCharm code execution. The output file is required as part of your assignment submittal. This procedure focuses on the use of PyCharm in the Codio lab environment. However, this procedure can be used for personal (non-Codio) PyCharm programming environments.

[1]   Right-click on the open Python file tab in PyCharm. Select the **Modify Run Configuration** option in the right-click menu.
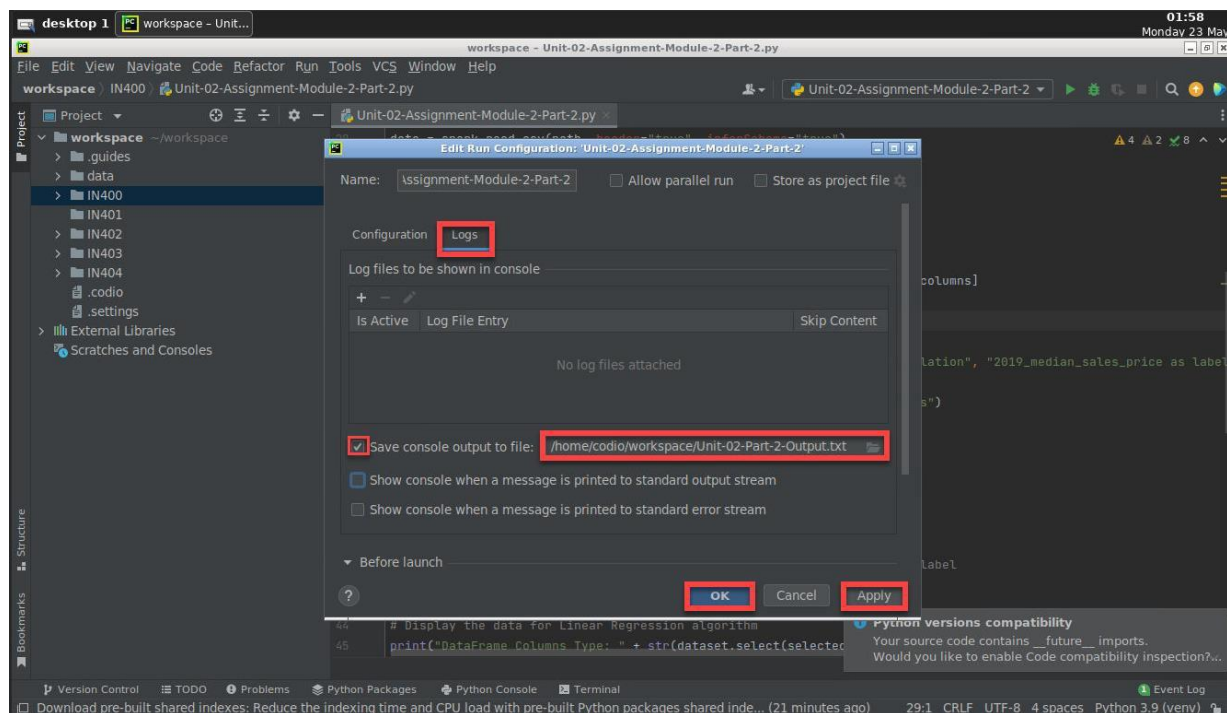
[2]   Click on the **Logs** tab in the Run Configuration window. Enter a checkmark next to the **Save Console Output to File** option. If you are using PyCharm in the Codio lab environment, enter `/home/codio/workspace/` followed by an output file name with a **.txt** extension in the field to the right of the **Save Console Output to File** label. The example screen below shows the output file as the following:
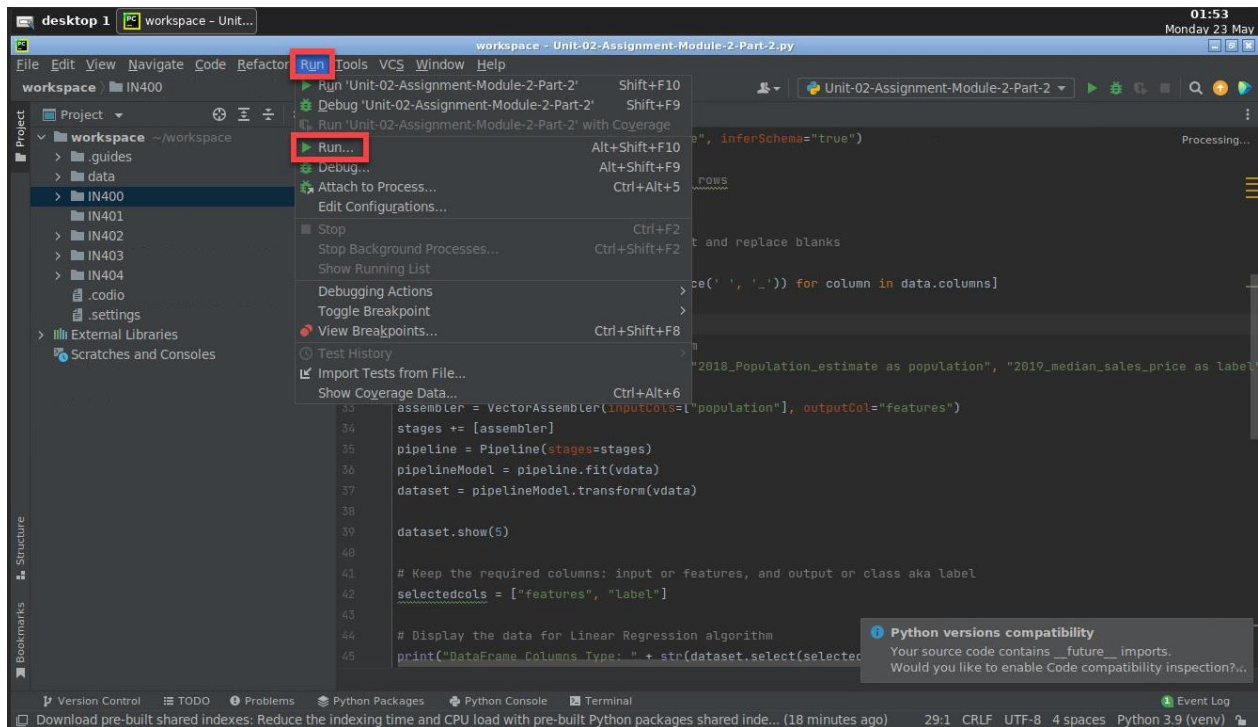
`/home/codio/workspace/Unit-02-Part-2-Output.txt`

If you are using your own (non-Codio) PyCharm programming environment, enter an accessible location on your workstation for the output file.
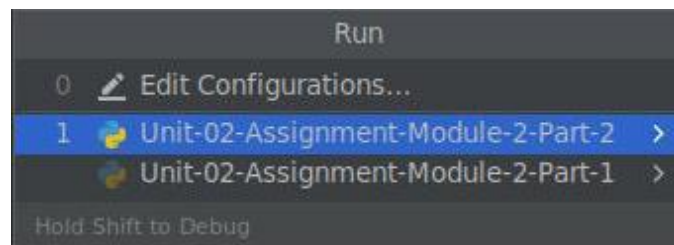
Use an output file name that matches the specific assignment. Click the **Apply** button followed by the **OK** button to complete the run configuration revision.
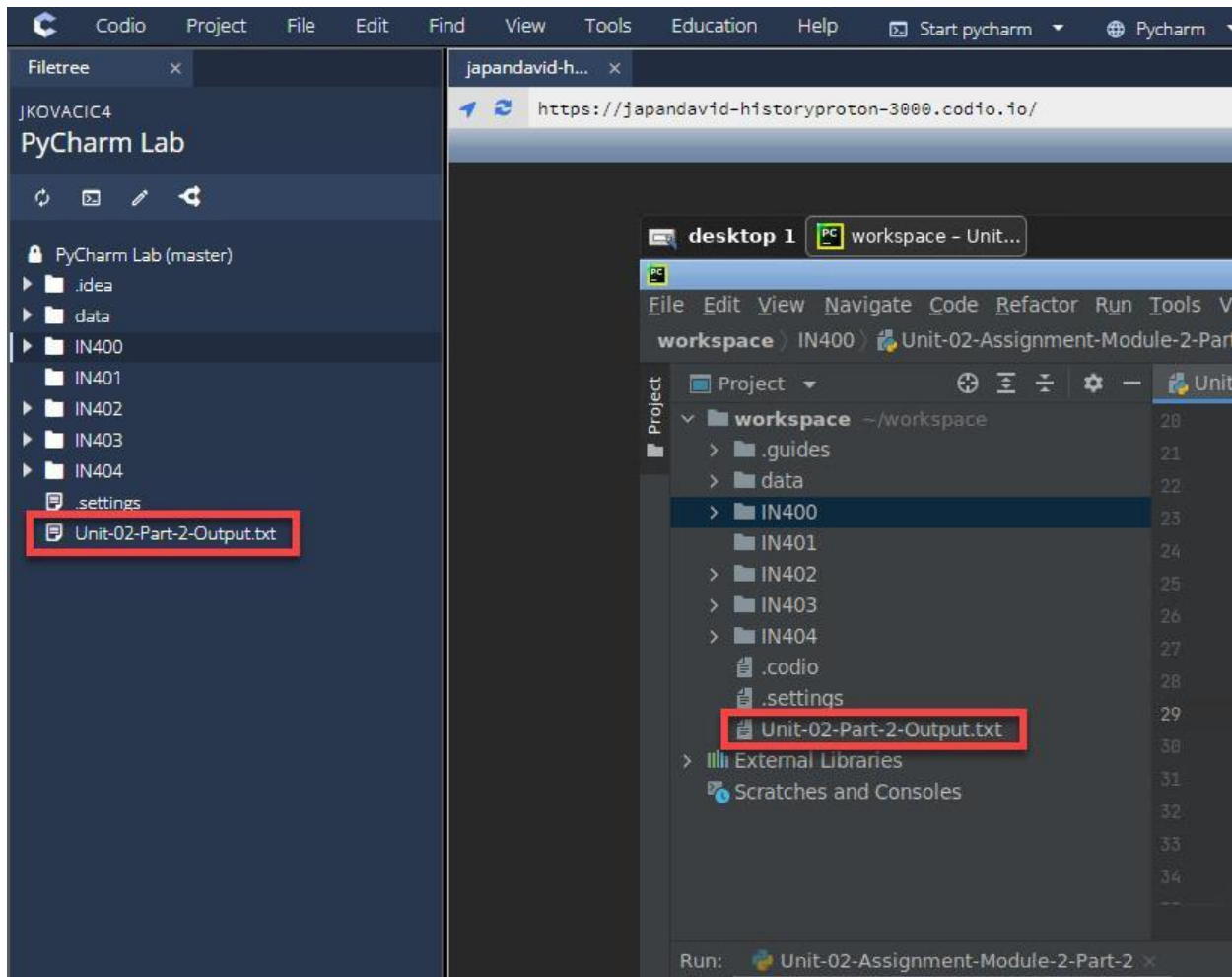
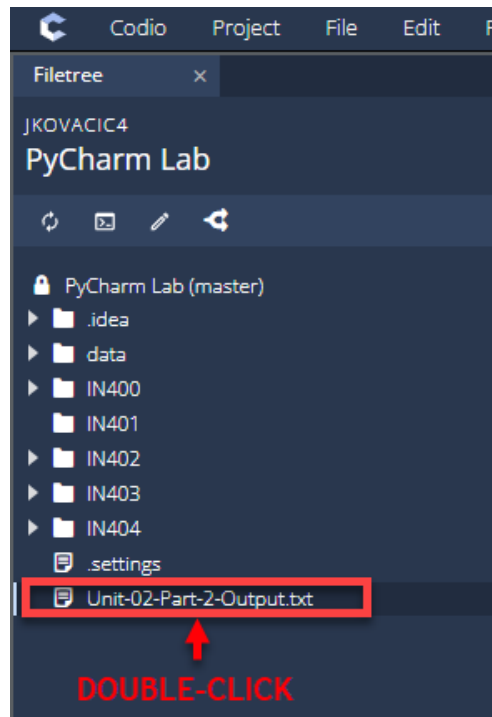[3]   Execute the Python code by selecting **Run → Run** from the top menu.

[4]   You'll then be presented with the run configuration options. Select the run configuration associated with the Python source code file.

[5]   The program will execute, and the output file will be presented in both the Codio and PyCharm file trees. The output file will be contained in the **`/home/codio/workspace/`** folder of the Linux file system.

[6]   You can view the output contents by double-clicking the file in the Codio file tree. After double-clicking on the file, you may see a "**Mixed Line Endings**" prompt. Click on the **YES** button to open the output file.
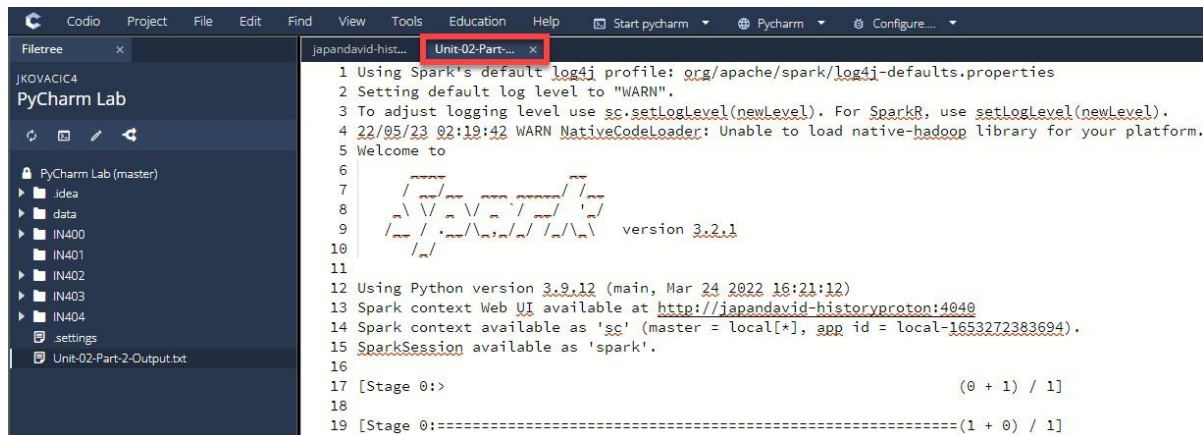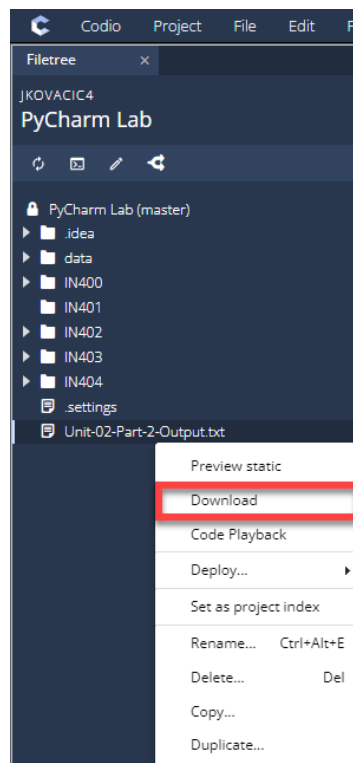
[7]   The output file contents will appear in a new Codio tab. Review the contents to see that the code executed properly. If there are critical errors uncovered, revise the Python source code and re-run. The output file will be over-written.

[8]   You can download the output file to your personal computer system by right-clicking on the output file in the Codio file tree and selecting the **Download** option.

[9]   The **Save As** window will appear. Navigate to an accessible location on your computer

system. Then select the **Save** button to complete the output file download.