

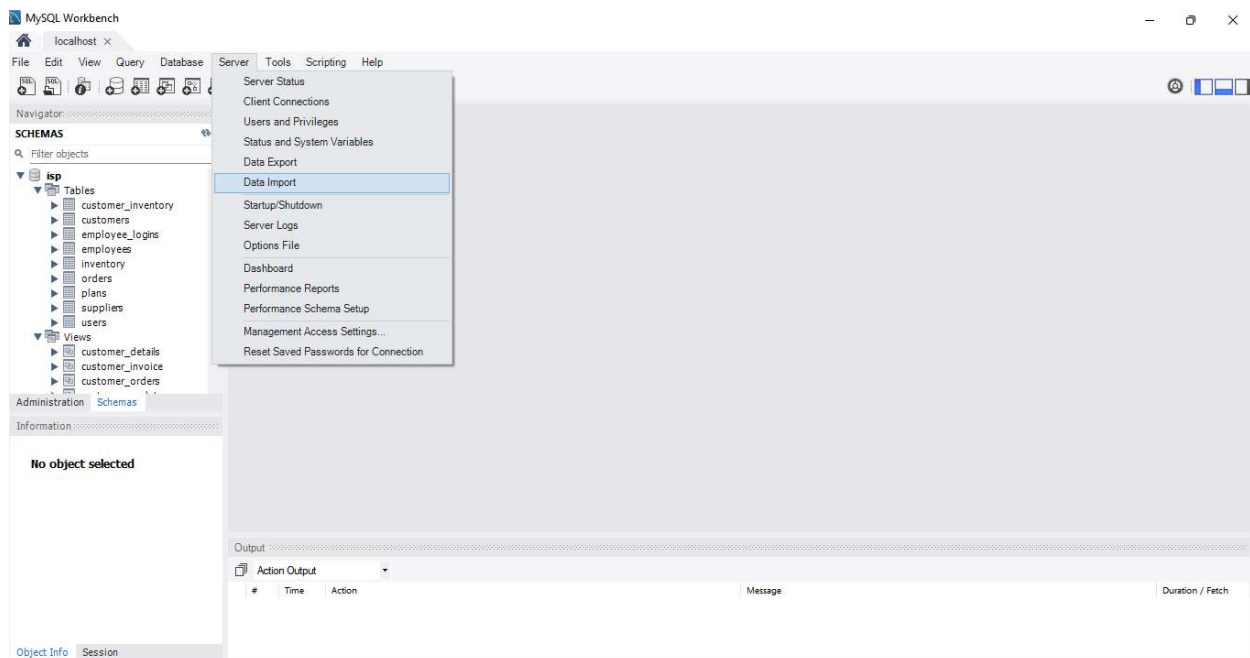
CSE 2102 PROJECT

1. INITIAL SET UP

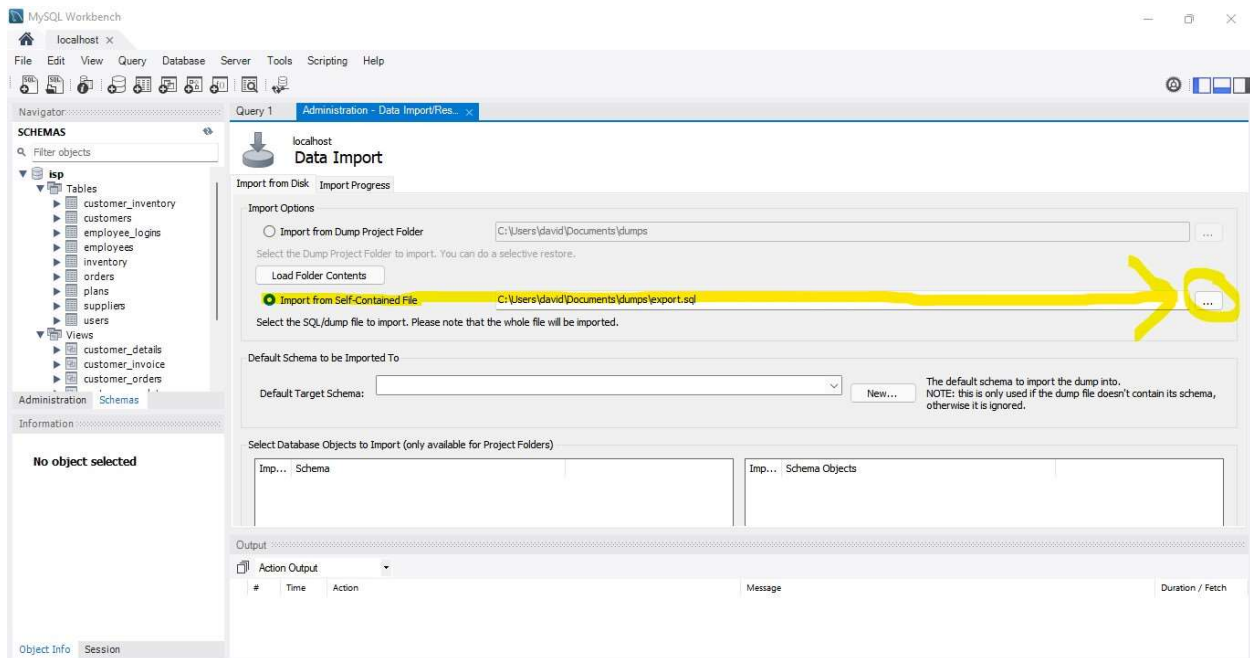
- DATABASE IMPORTING

Importing the database export file (located in the "DATABASE EXPORT" folder) is the first thing that needs to be done in order to get the application up and running.

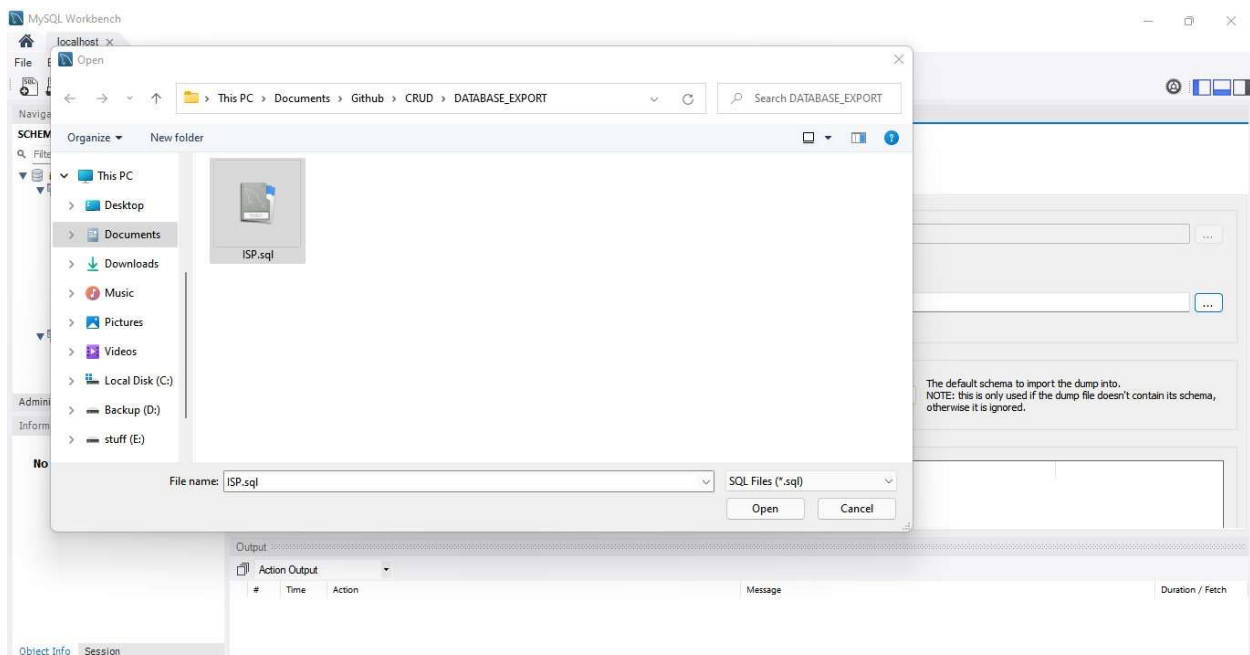
This is done by opening your "MYSQL WORKBENCH", logging in and going to the "SERVER TAB" (menu at the top of the screen)



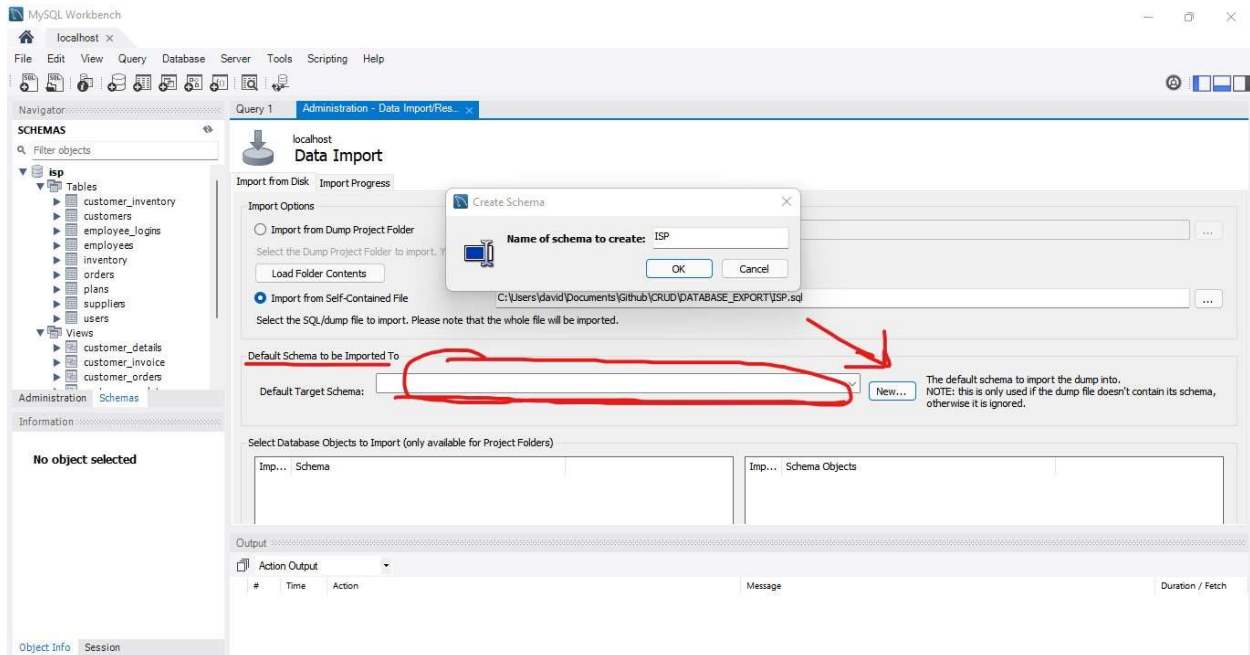
The next step is selecting the "IMPORT FROM SELF CONTAINED FILE" option and then clicking the "..." button to select the database file.



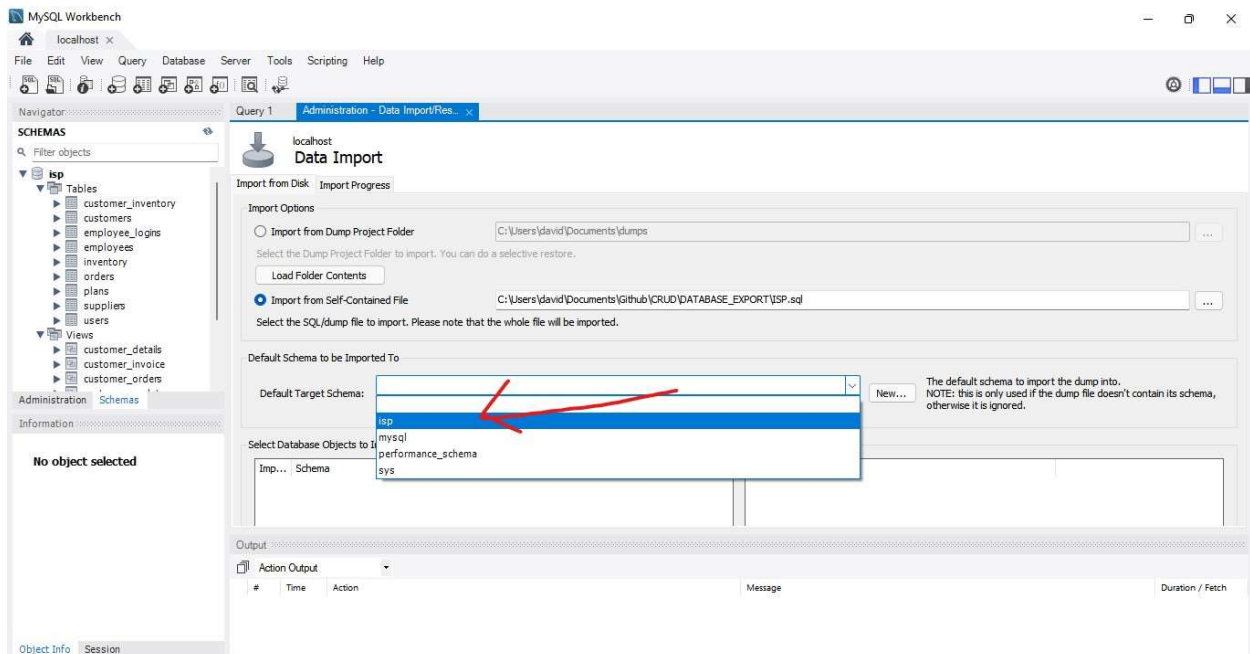
Then locate the database file in the "DATABASE EXPORT FOLDER", select it and click "OPEN"



Now you have to create a new name for the database schema to be imported under.

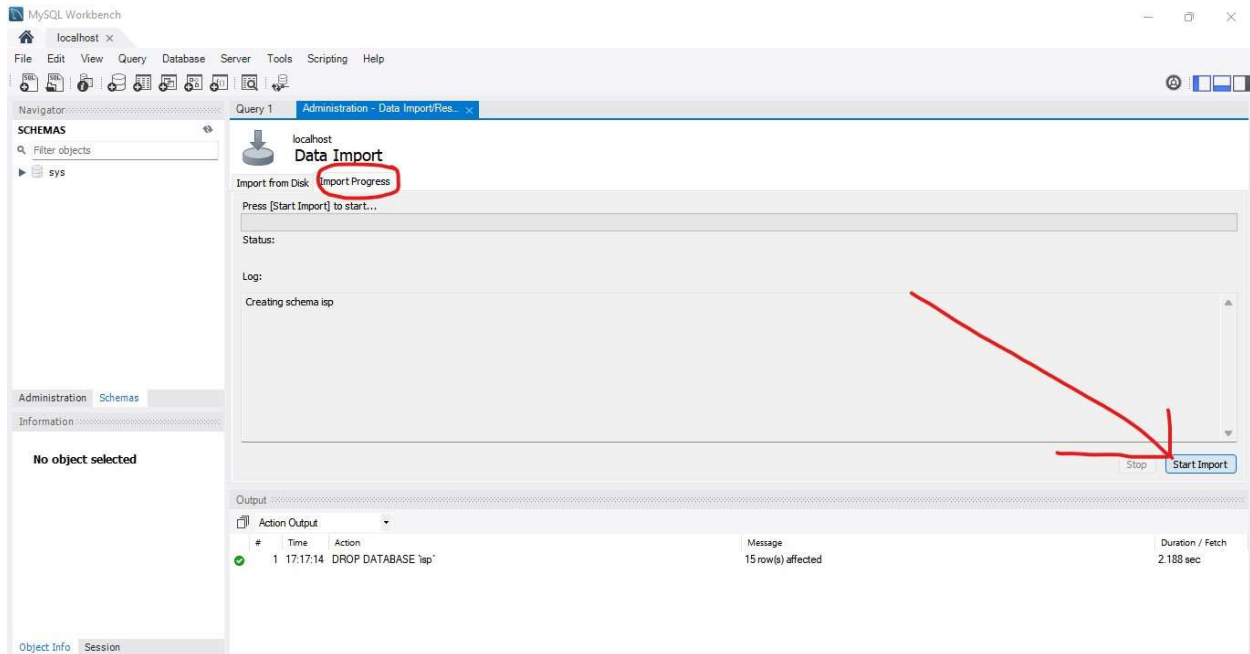


After you have entered the name select it using the drop-down menu.



Now for the final step for this part is to go to the next tab, "IMPORT PROGRESS" and click the "START IMPORT" button.

If all goes well the import should succeed.



2. PYTHON SETUP

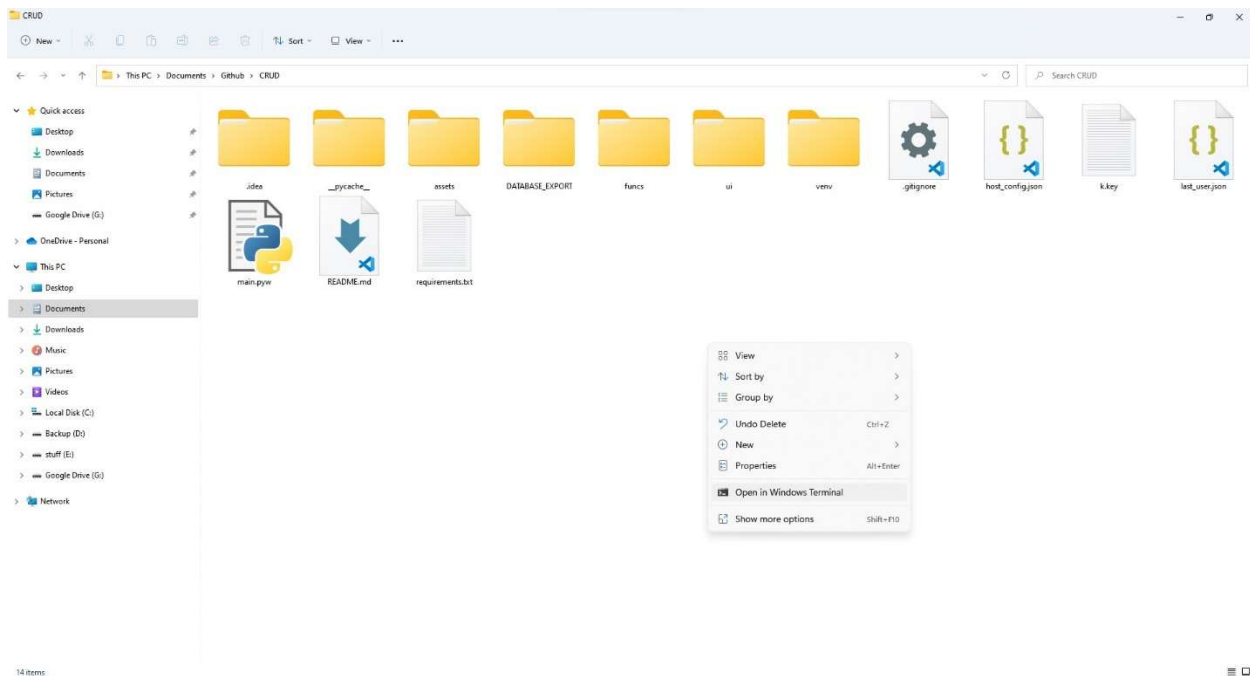
- Python packages

There are a couple specific python packages that are required to run the program properly.

These are included in the requirements.txt

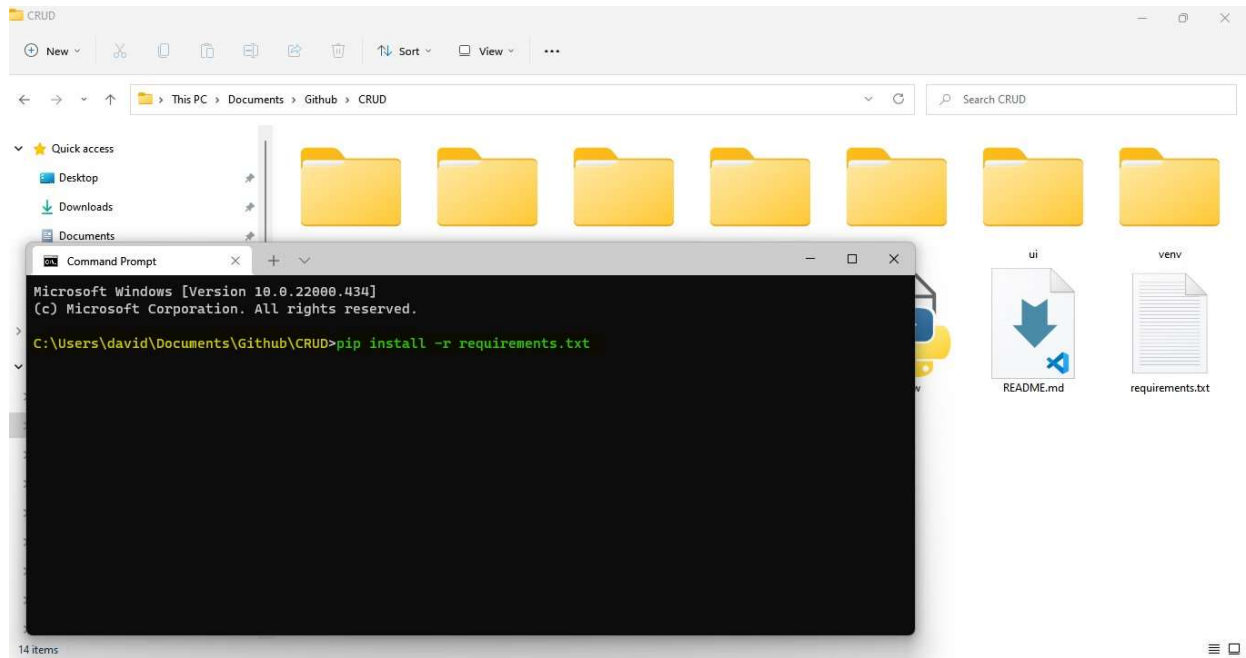
To install these just open a command prompt/terminal window in the main project's directory.

Right-clicking in the folder (Windows 11) or shift-right clicking (for other Windows versions? I'm not sure) allows you to open a prompt in that folder.



After you have opened a prompt in that folder, enter "pip install -r requirements.txt" and hit enter.

This will install all the required packages.



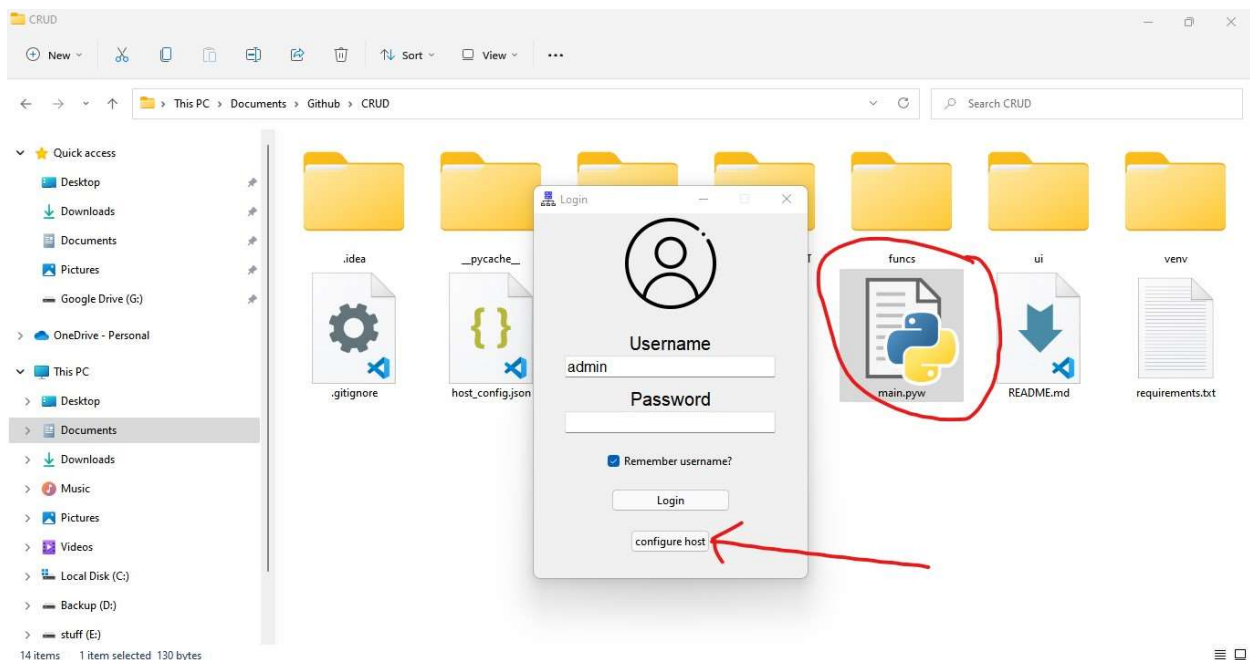
3. PROGRAM SETUP

- Connecting to the database

If you have successfully followed all the steps so far, the last thing left for you to do is to run the program and connect to the database.

This can be done by doubling clicking the "main.pyw" file in the project directory folder.

If your python installation and packages are installed correctly you should be greeted with a login screen.



This is where you need to click the "configure host" button to set up the connection to the database server.

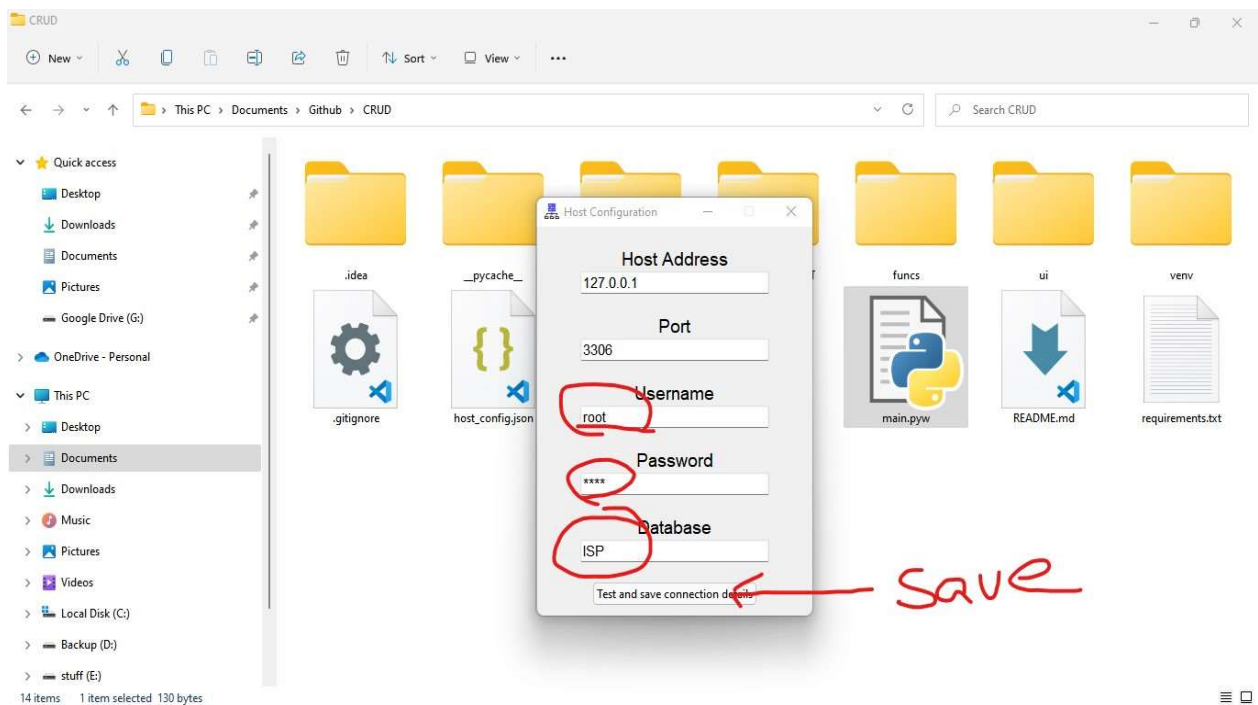
On the "Host Configuration" window, the only things that you would need to enter are the username, password and the database schema name.

The username and password are the same ones you used to log in to the MYSQL WORKBENCH server already.

In my case, it was root and 1234.

As for the database name, this would be the schema name you imported the database as in the earlier steps.

In this case I imported it as "ISP".



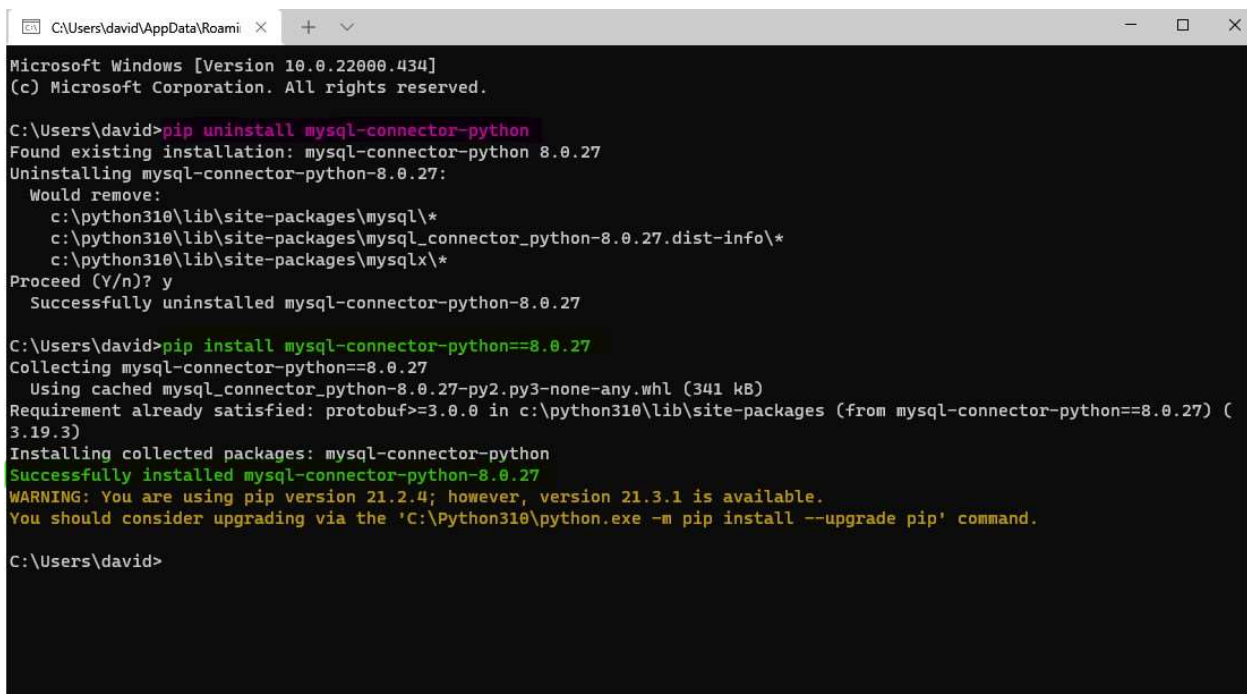
Clicking the "TEST AND SAVE" button will attempt a connection and inform you if there were any errors.

There is a chance that you are using a different version of the MySQL-connector and may encounter an error.

In this case you would need to uninstall that version and install the required one.

Do that by opening command prompt or a terminal window again and typing "pip uninstall mysql-connector-python", hitting enter, then entering "Y" to confirm the uninstall.

Then enter "pip install mysql-connector-python==8.0.27" and wait for the install to complete in order to get the version appropriate for this program to function correctly.



```
Microsoft Windows [Version 10.0.22000.434]
(c) Microsoft Corporation. All rights reserved.

C:\Users\david>pip uninstall mysql-connector-python
Found existing installation: mysql-connector-python 8.0.27
Uninstalling mysql-connector-python-8.0.27:
  Would remove:
    c:\python310\lib\site-packages\mysql\*
    c:\python310\lib\site-packages\mysql_connector_python-8.0.27.dist-info\*
    c:\python310\lib\site-packages\mysqlx\*
Proceed (Y/n)? y
  Successfully uninstalled mysql-connector-python-8.0.27

C:\Users\david>pip install mysql-connector-python==8.0.27
Collecting mysql-connector-python==8.0.27
  Using cached mysql_connector_python-8.0.27-py2.py3-none-any.whl (341 kB)
Requirement already satisfied: protobuf>=3.0.0 in c:\python310\lib\site-packages (from mysql-connector-python==8.0.27) (3.19.3)
Installing collected packages: mysql-connector-python
Successfully installed mysql-connector-python-8.0.27
WARNING: You are using pip version 21.2.4; however, version 21.3.1 is available.
You should consider upgrading via the 'C:\Python310\python.exe -m pip install --upgrade pip' command.

C:\Users\david>
```

Final steps

After these steps, you should be able to login using "admin" for the username and "1234" as the password.

If all goes well you should see the main menu of the program and be able to access the various functionalities.

