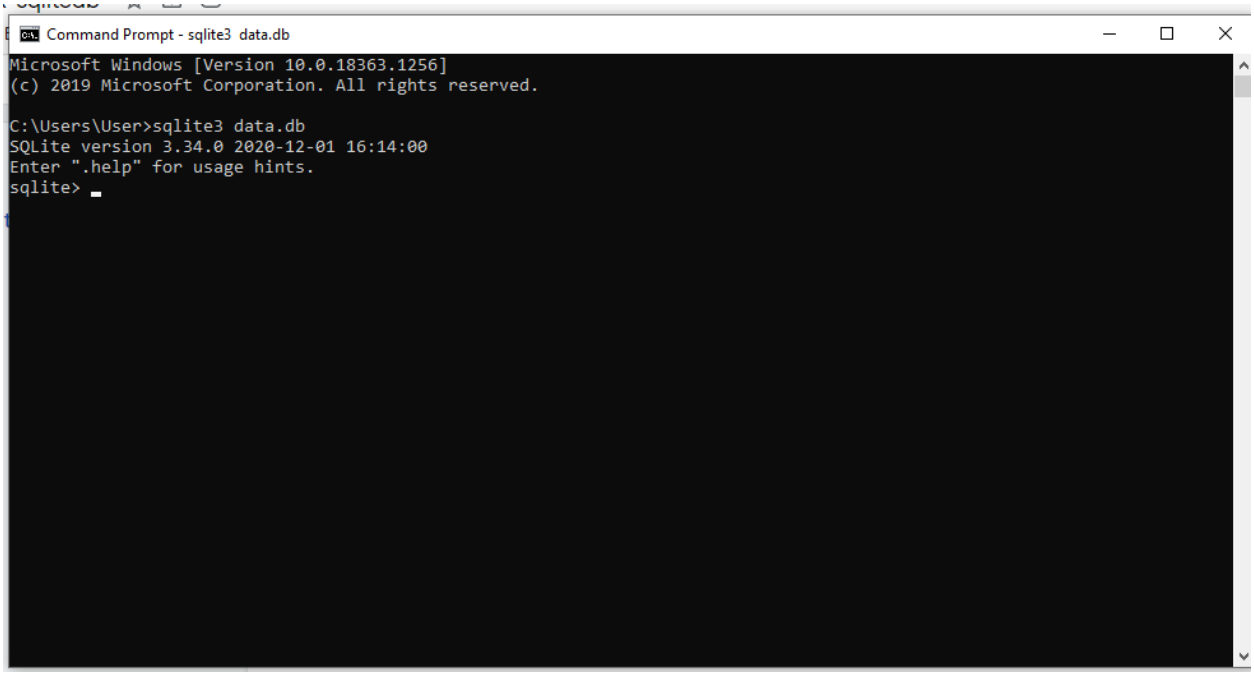
Installing the sqlite3 db in the local system.

Please follow the instructions in the given link for installing sqlite3 in your local system.

https://www.sqlitetutorial.net/download-install-sqlite/

Once installed in the sqlite3, open your command prompt and follow the instructions..

1. Creating a sqlite database



So here i have created a new database called data.db

If you want to check the databases inside just type

sqlite > .tables;

The above command will show the tables present

Now create a table iris with the schema

sqlite > CREATE TABLE iris (SN integer primary key, SL float, SW float, PL float, PW float);

Where i want to store data as SN-serial number

SL- sepal length

SW-sepal width

PL -petal length

PW-petal width

If you want to insert some data :

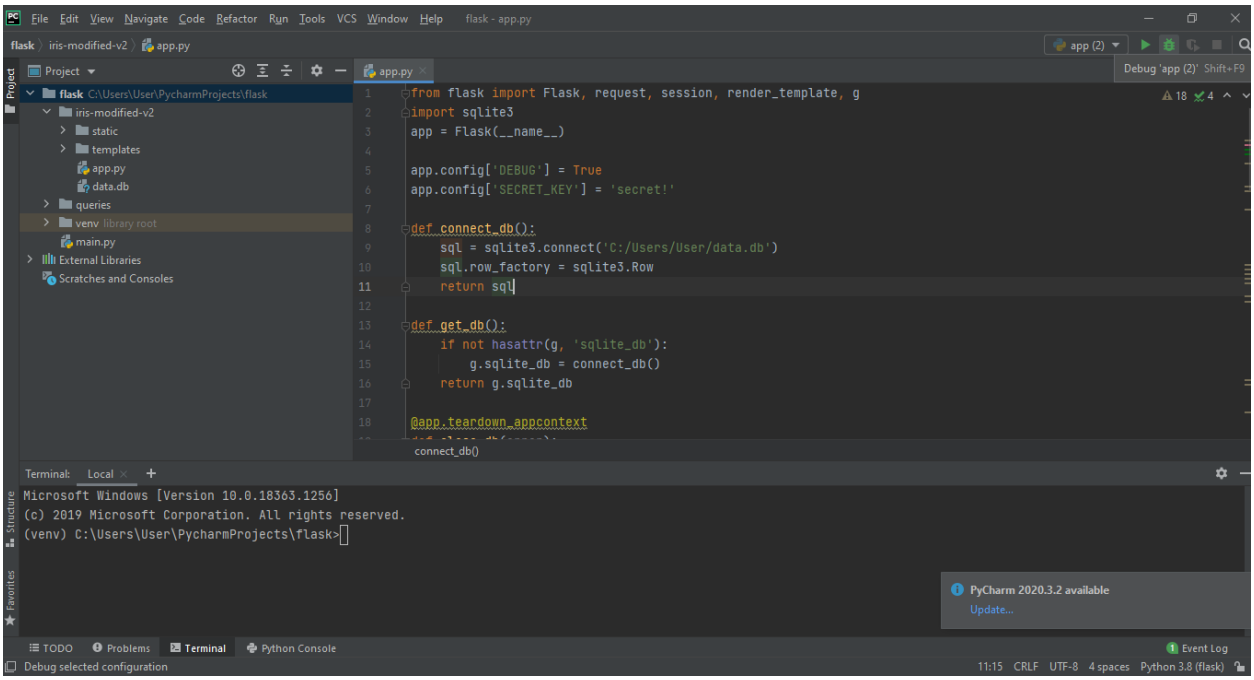
sqlite > INSERT INTO iris (SN , SL , SW , PL , PW) VALUES (1, 2.4, 3.2, 4.3, 4.5);

If you want to see the data:

sqlite > SELECT * FROM iris

Till now we have created a database and a table in sqlite3.

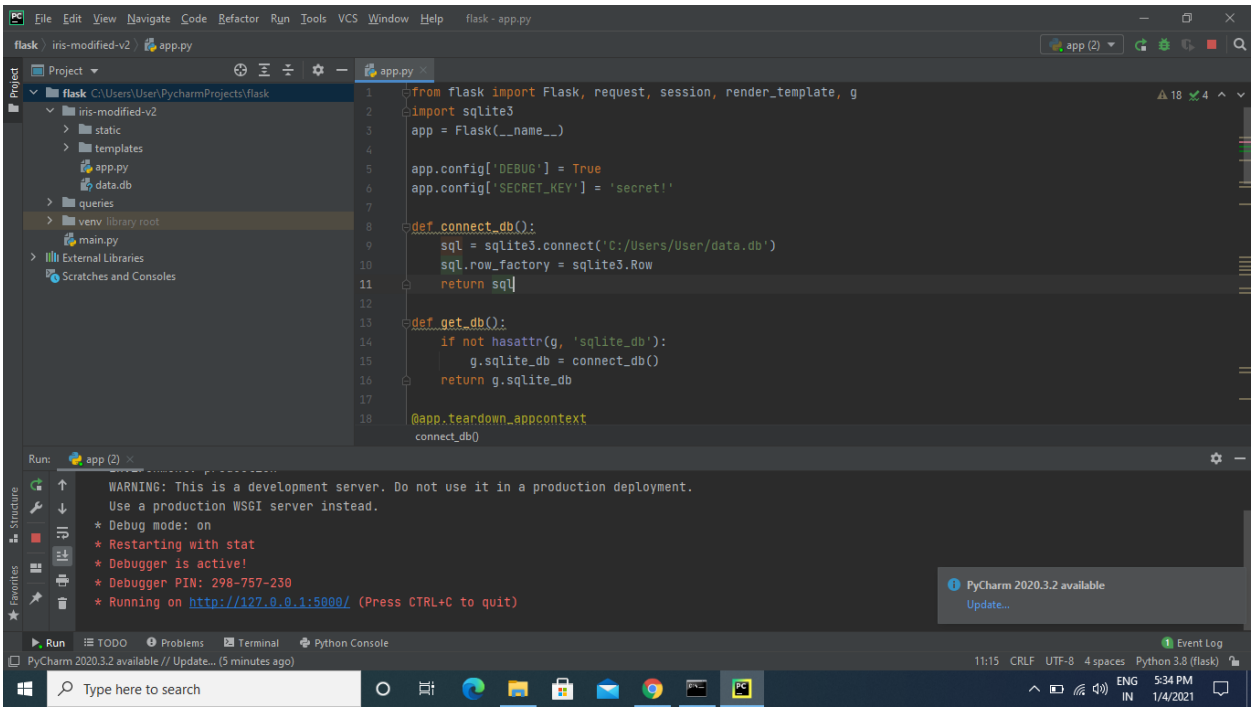
Now open the folder in a pycharm environment and install the flask packages.



Once open the folder change the path in the sqlite.connect(path to your data.db).

Open the terminal in the pycharm and run

> flask app.py



Open the url in the local host , u will be open with hello world.

Change the url to 1. 127.0.0.1:5000/theform

You can enter the iris data in the form.

2. **127.0.0.1:5000/viewresults**

   Your individual results can be displayed.