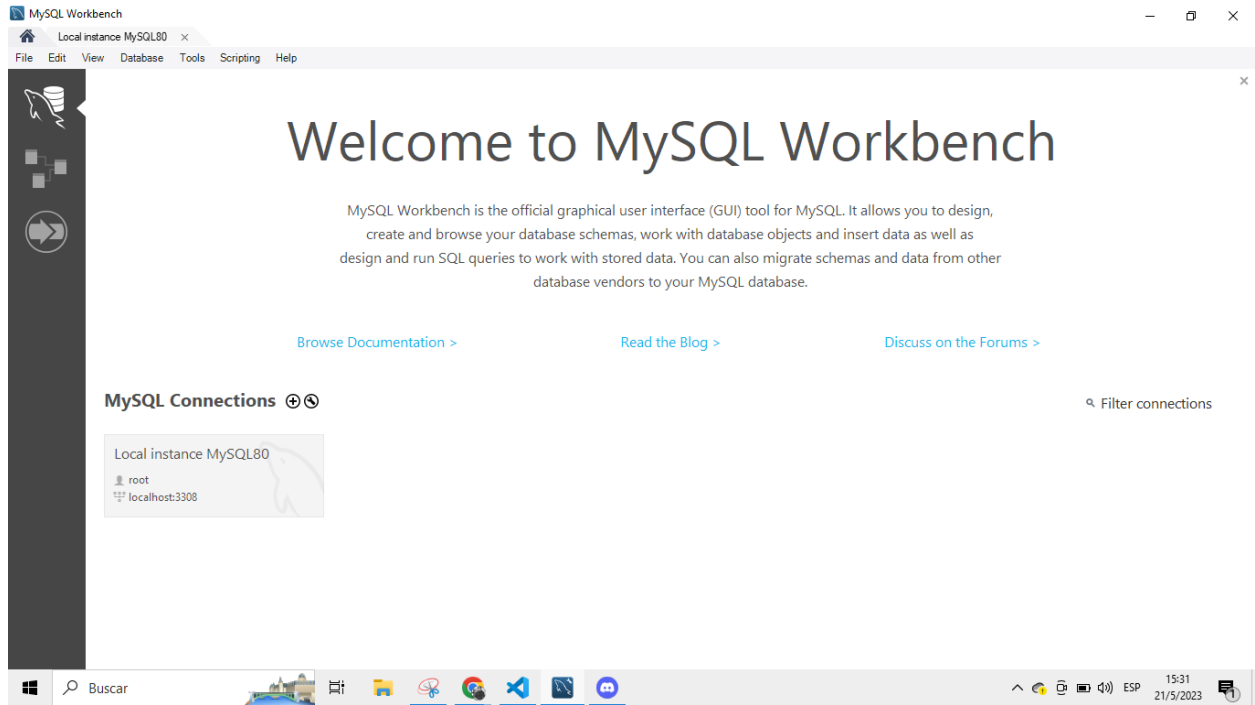


Proyecto Integrador Entrega N° 3:

- Creación de la Base de datos

abrimos Mysql Workbench



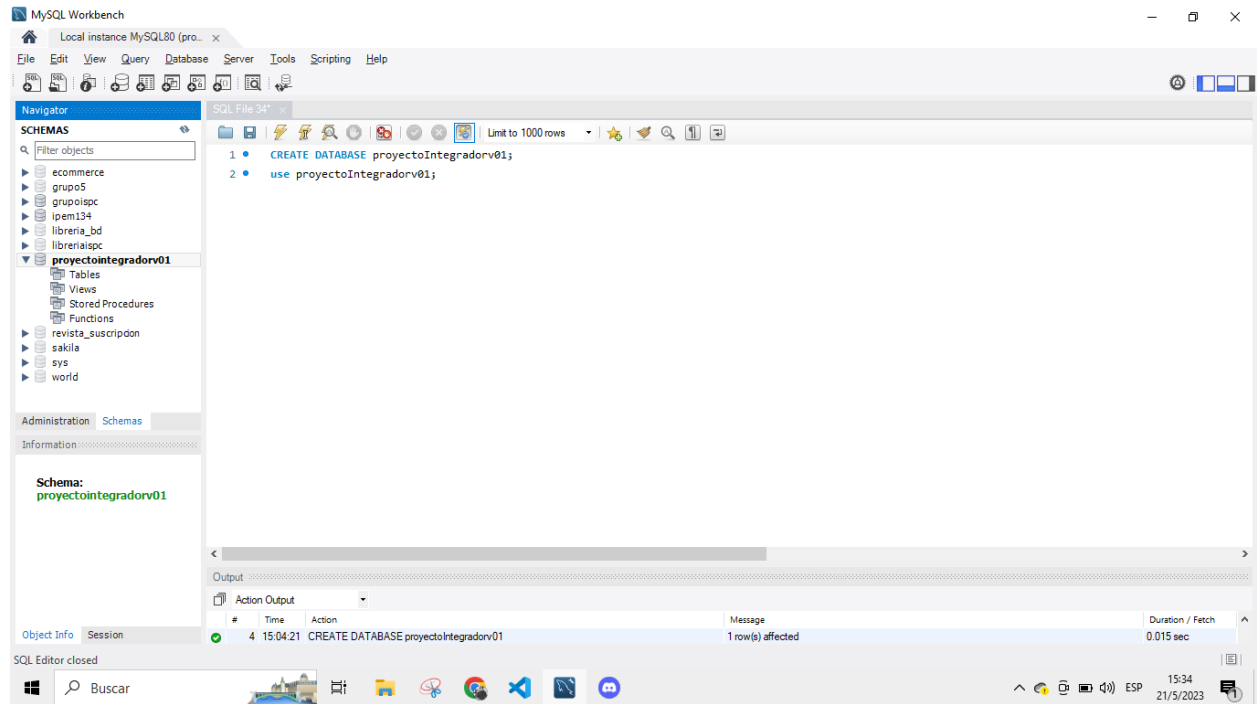
abrimos Mysql Workbench

user="root"

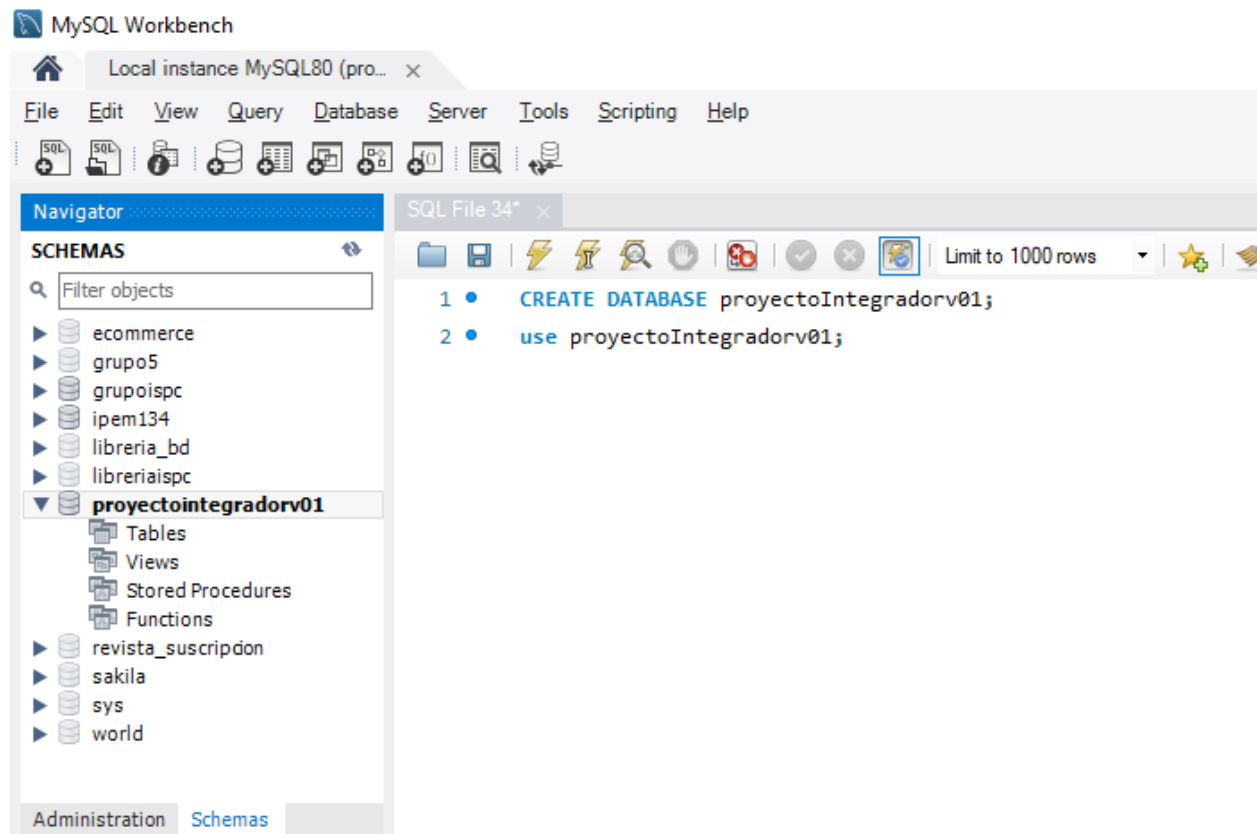
password="13231414"

host="localhost"

port=3308

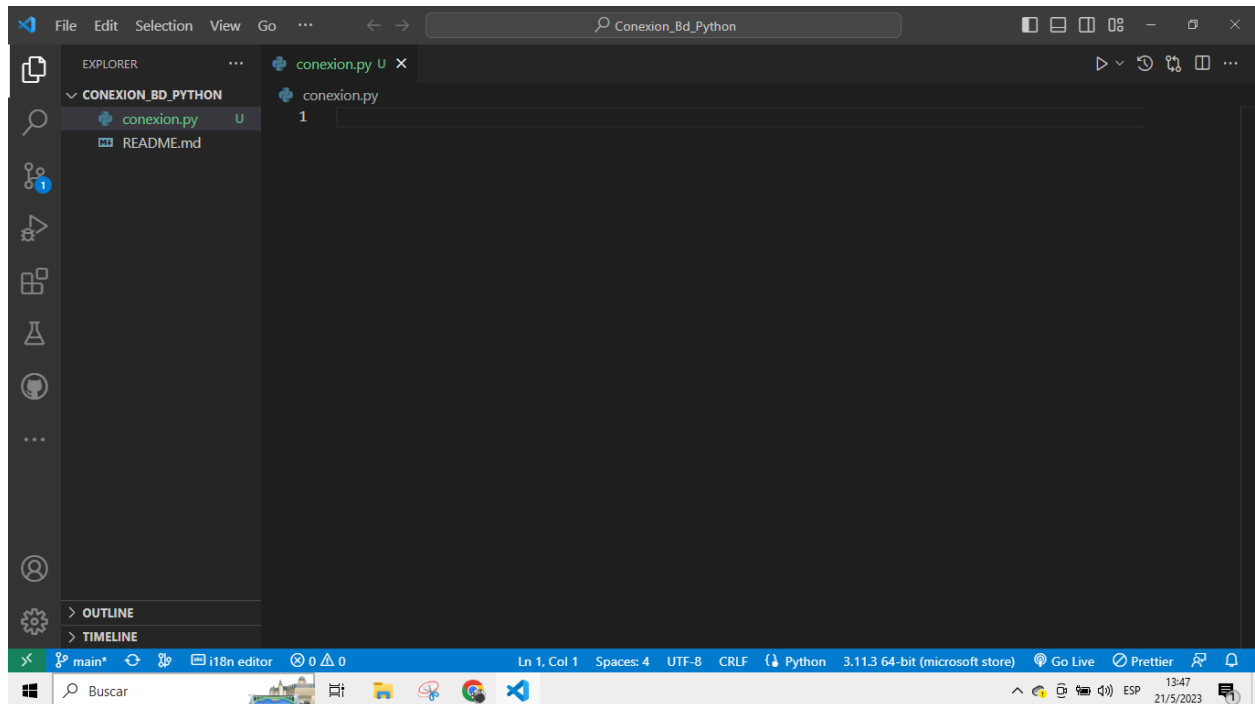


creo la base de datos y la selecciono

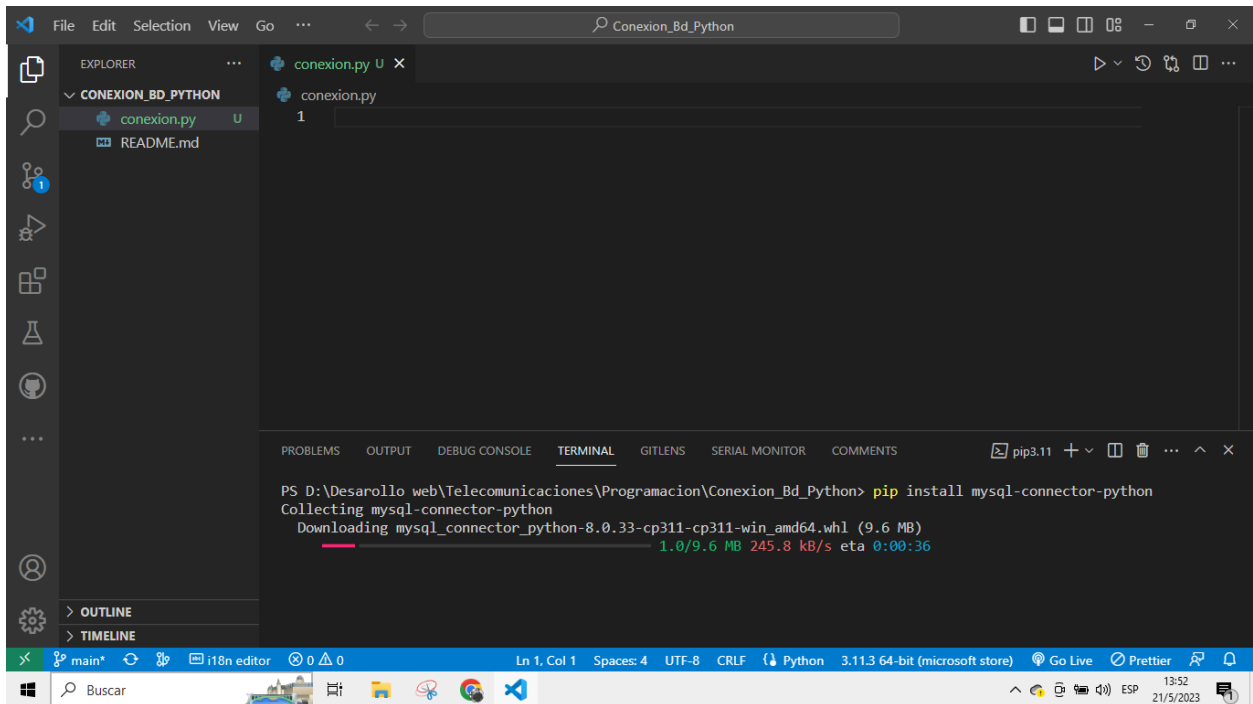


- Conexión desde Python

creo el archivo conexion.py en vs



paso dos descargar el driver de la conexión MySql con Python: Abro la terminal y digito la siguiente instrucción `pip install mysql-connector-python`

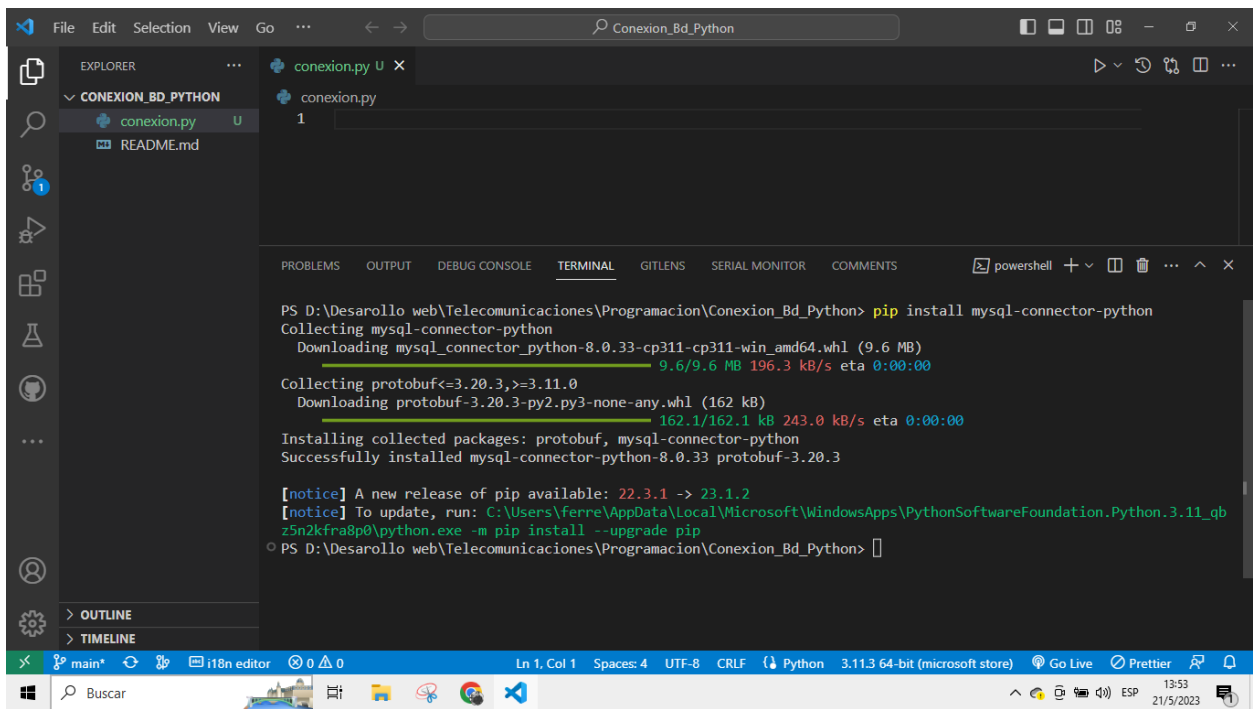


```
File Edit Selection View Go ... Conexion_Bd_Python

EXPLORER
CONEXION_BD_PYTHON
  conexion.py
  README.md

conexion.py
1

TERMINAL
pip3.11
PS D:\Desarollo web\Telecomunicaciones\Programacion\Conexion_Bd_Python> pip install mysql-connector-python
Collecting mysql-connector-python
  Downloading mysql_connector_python-8.0.33-cp311-cp311-win_amd64.whl (9.6 MB)
    1.0/9.6 MB 245.8 kB/s eta 0:00:36
```



```
File Edit Selection View Go ... Conexion_Bd_Python

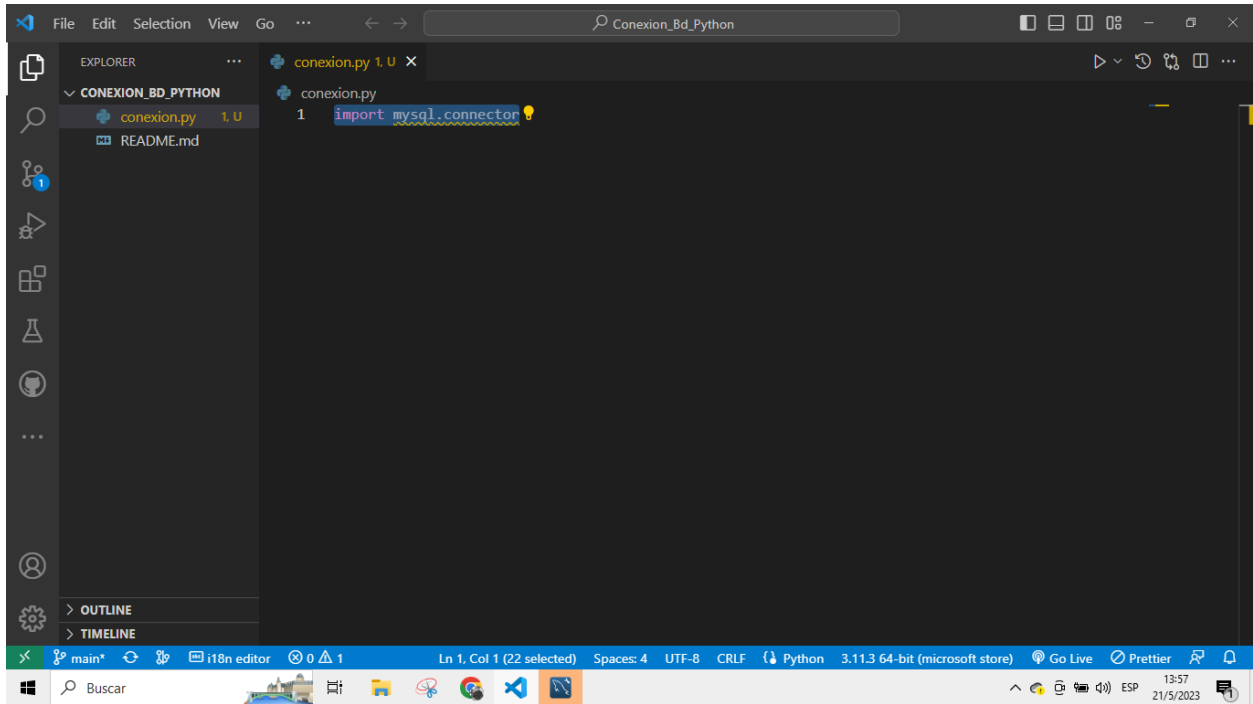
EXPLORER
CONEXION_BD_PYTHON
  conexion.py
  README.md

conexion.py
1

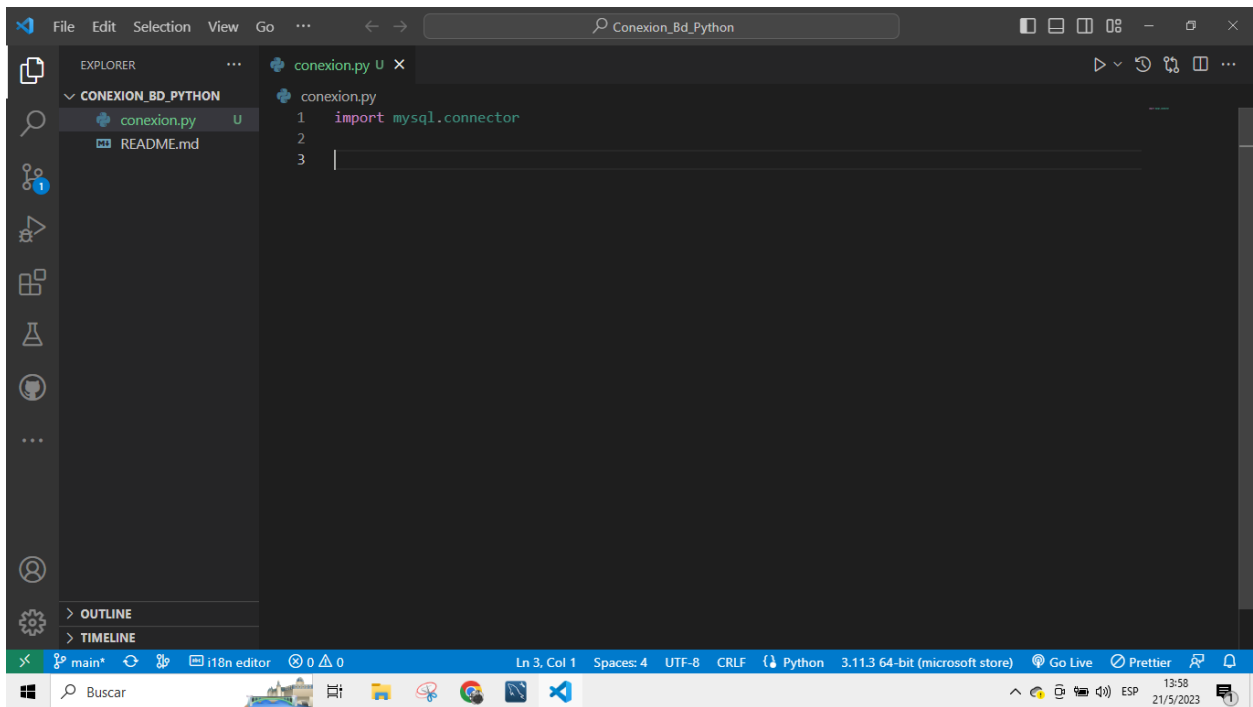
TERMINAL
powershell
PS D:\Desarollo web\Telecomunicaciones\Programacion\Conexion_Bd_Python> pip install mysql-connector-python
Collecting mysql-connector-python
  Downloading mysql_connector_python-8.0.33-cp311-cp311-win_amd64.whl (9.6 MB)
    9.6/9.6 MB 196.3 kB/s eta 0:00:00
Collecting protobuf<=3.20.3,>=3.11.0
  Downloading protobuf-3.20.3-py2.py3-none-any.whl (162 kB)
    162.1/162.1 kB 243.0 kB/s eta 0:00:00
Installing collected packages: protobuf, mysql-connector-python
Successfully installed mysql-connector-python-8.0.33 protobuf-3.20.3

[notice] A new release of pip available: 22.3.1 -> 23.1.2
[notice] To update, run: C:\Users\ferre\AppData\Local\Microsoft\WindowsApps\PythonSoftwareFoundation.Python.3.11_qb
z5n2kfra8p0\python.exe -m pip install --upgrade pip
PS D:\Desarollo web\Telecomunicaciones\Programacion\Conexion_Bd_Python>
```

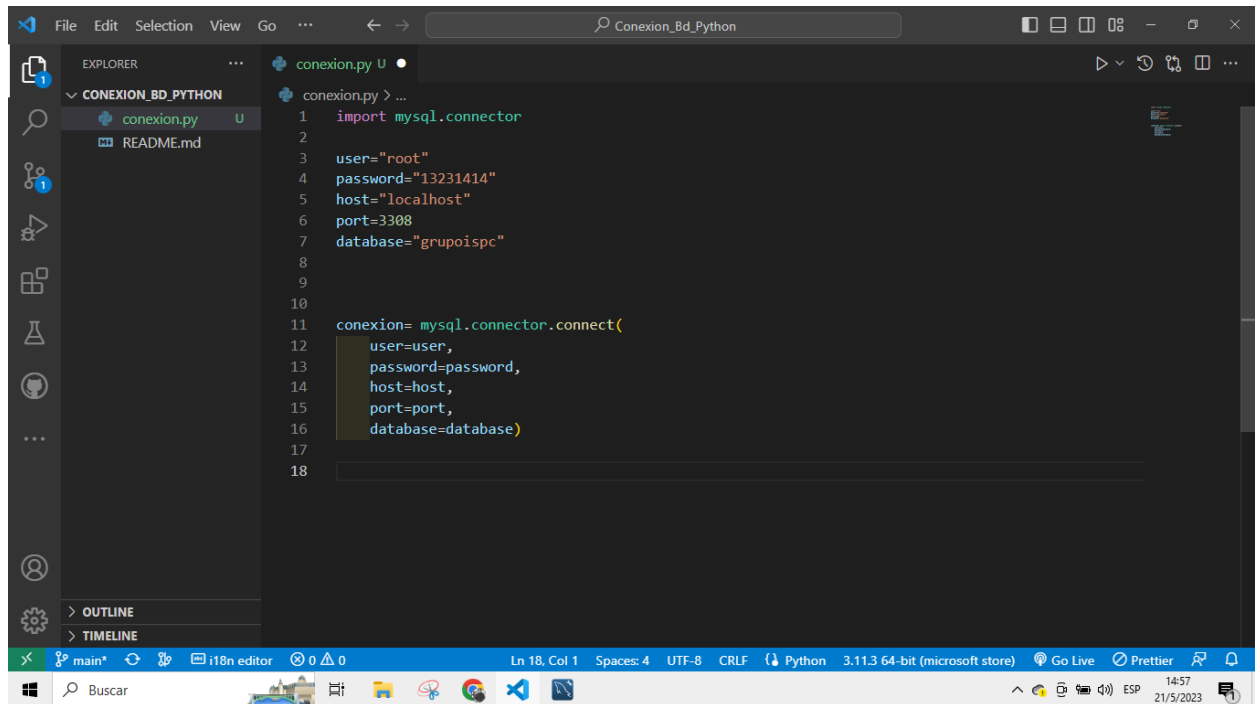
si sale un error al hacer el `import mysql.connector`



solo hay que cerrar y volver abrir el Vs Code.



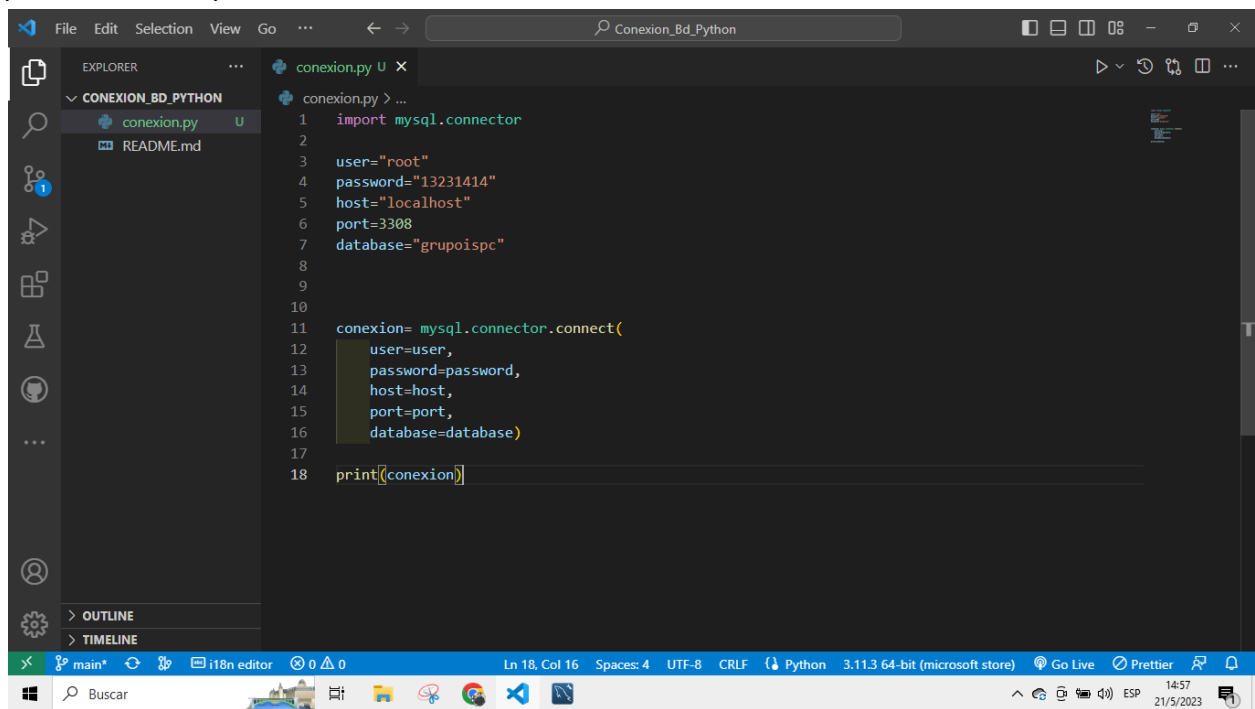
utilizamos una variable donde le decimos que haga la conexión a Mysql, para lograr establecer la conexión necesitamos entregar el usuario, el password y la base de datos a la que nos vamos a conectar.



The screenshot shows the Visual Studio Code editor with a file named 'conexion.py' open. The code defines MySQL connection parameters and attempts to connect to a database. The Explorer sidebar shows a project named 'CONEXION_BD_PYTHON' containing 'conexion.py' and 'README.md'. The status bar at the bottom indicates the file is at line 18, column 1, using UTF-8 encoding with CRLF line endings, and is running Python 3.11.3.

```
1 import mysql.connector
2
3 user="root"
4 password="13231414"
5 host="localhost"
6 port=3308
7 database="grupoispc"
8
9
10
11 conexion= mysql.connector.connect(
12     user=user,
13     password=password,
14     host=host,
15     port=port,
16     database=database)
17
18
```

para verificar imprimo la coneccion



This screenshot shows the same 'conexion.py' file after adding a print statement to verify the connection object. The code is identical to the previous one, but line 18 now contains 'print(conexion)'. The status bar shows the cursor is at line 18, column 16.

```
1 import mysql.connector
2
3 user="root"
4 password="13231414"
5 host="localhost"
6 port=3308
7 database="grupoispc"
8
9
10
11 conexion= mysql.connector.connect(
12     user=user,
13     password=password,
14     host=host,
15     port=port,
16     database=database)
17
18 print(conexion)
```

al recibir este mensaje <mysql.connector.connection.MySQLConnection object at 0x000002B511905390>

