

CONEXIÓN SQL

The screenshot displays the Microsoft SQL Server Enterprise Manager interface. The left pane shows the 'Object Explorer' with the 'Databases' folder expanded, listing various system and user databases. The right pane shows the 'SQLQuery1.sql' script editor with the following T-SQL code:

```
USE [master]
GO

/***** Object: Database [APP_POO_C1]    Script Date: 01/08/2023 19:18:46 *****/
CREATE DATABASE [APP_POO_C1]
    CONTAINMENT = NONE
    ON PRIMARY
    ( NAME = N'APP_POO_C1', FILENAME = N'C:\Program Files\Microsoft SQL Server\MSSQL15.MSSQLSERVER\MSSQL\DATA\APP_POO_C1.mdf' , SIZE = 8192KB , MAXSIZE = UNLIMITED, LOG ON
    ( NAME = N'APP_POO_C1_log', FILENAME = N'C:\Program Files\Microsoft SQL Server\MSSQL15.MSSQLSERVER\MSSQL\DATA\APP_POO_C1_log.ldf' , SIZE = 8192KB , MAXSIZE = 268435456KB , FILEGROWTH = 65536KB )
    WITH CATALOG_COLLATION = DATABASE_DEFAULT
GO

IF (1 = FULLTEXTSERVICEPROPERTY('IsFullTextInstalled'))
begin
EXEC [APP_POO_C1].[dbo].[sp_fulltext_database] @action = 'enable'
end
GO

ALTER DATABASE [APP_POO_C1] SET ANSI_NULL_DEFAULT OFF
GO

ALTER DATABASE [APP_POO_C1] SET ANSI_NULLS OFF
GO

ALTER DATABASE [APP_POO_C1] SET ANSI_PADDING OFF
GO

ALTER DATABASE [APP_POO_C1] SET ANSI_WARNINGS OFF
GO

ALTER DATABASE [APP_POO_C1] SET ARITHABORT OFF
GO

ALTER DATABASE [APP_POO_C1] SET AUTO_CLOSE OFF
GO
```

The status bar at the bottom indicates the connection is successful: 'Connected. (1/1)'. The status bar also shows the current server is 'LOUY (15.0 RTM)' and the database is 'APP_POO_C1'.

pythonProject1 Version control

conexion

Project

- dominio
 - docente.py
 - estudiante.py
 - libro.py
 - material.py
 - pedido.py
 - persona.py
 - revista.py
- servicio
 - archivo.txt
 - ejecucion.py
 - main2.py
 - persona_principal.py
- UI
 - vtn_principal.py
 - vtn_principal.py
 - vtn_principal.ui
- venv library root
 - main.py
 - pyside6-uic
- External Libraries

main2.py Downloads\conexion.py datos\conexion.py libro.py estudiante_dao.py vtn_principal.py persona_princi

```
1 import sys
2
3 import pyodbc as bd
4
5
6 class Conexion:
7     """
8     Clase que permite abrir conexion a la BBDD y abrir cursor.
9     """
10
11     # _SERVIDOR = '192.168.195.143'
12     _SERVIDOR = '127.0.0.1'
13     _BBDD = 'APP_P00_C1'
14     _USUARIO = 'app_p00_user'
15     _PASSWORD = '12345678'
16
17     _conexion = None
18     _cursor = None
19
20     @classmethod
21     def obtenerConexion(cls):
22         """
23         Obtiene la conexion a la BBDD con los parametros de conexion pasados como constantes
24         """
```

Run conexion

C:\Users\tomed\PycharmProjects\pythonProject1\venv\Scripts\python.exe C:\Users\tomed\PycharmProjects\pythonProject1\datos\conexion.py

<pyodbc.Connection object at 0x00000159FC16FEC0>

<pyodbc.Cursor object at 0x00000159FC40DA30>

Process finished with exit code 0

C:\> Users > tomed > Downloads > conexion.py CRLF UTF-8 4 spaces Python 3.11 (pythonProject1)

28°C Parc, nublado

Búsqueda

19:35 01/08/2023