

CREATE IBM DB2 AND CONNECT WITH PYTHON

Date	11/11/2022
Team ID	PNT2022TMID46374
Project	Personal Expense Tracker Application

IBM DB2 On Cloud :

The screenshot displays the IBM Cloud dashboard for a resource named 'Db2-77'. The interface includes a top navigation bar with the IBM Cloud logo, a search bar, and user account information. The main content area is divided into a left sidebar with a 'Manage' section containing links for 'Getting started', 'Service credentials', and 'Connections'. The central panel features a 'Getting started' section with instructions on finding credentials and a 'Need help?' section with a link to submit a support case. At the bottom, there is a status bar indicating 'Waiting for cloud.ibm.com...' and a Windows taskbar with various application icons and the system clock showing 10:58 PM on 11/20/2022.

IBM Cloud

Search resources and products...

Resource list /

Db2-77 Active Add tags

Details Actions...

Manage

- Getting started
- Service credentials
- Connections

Getting started

Where can I find my credentials?
Get your username and password by clicking the "Service Credentials" link to the left and selecting "New Credentials".
Don't see this menu on the left? Click on "Manage in IBM Cloud" to open the IBM Cloud dashboard.

[Go to UI](#) [Getting started docs](#)

Need help?

Submit a IBM Cloud Support Case to our team.

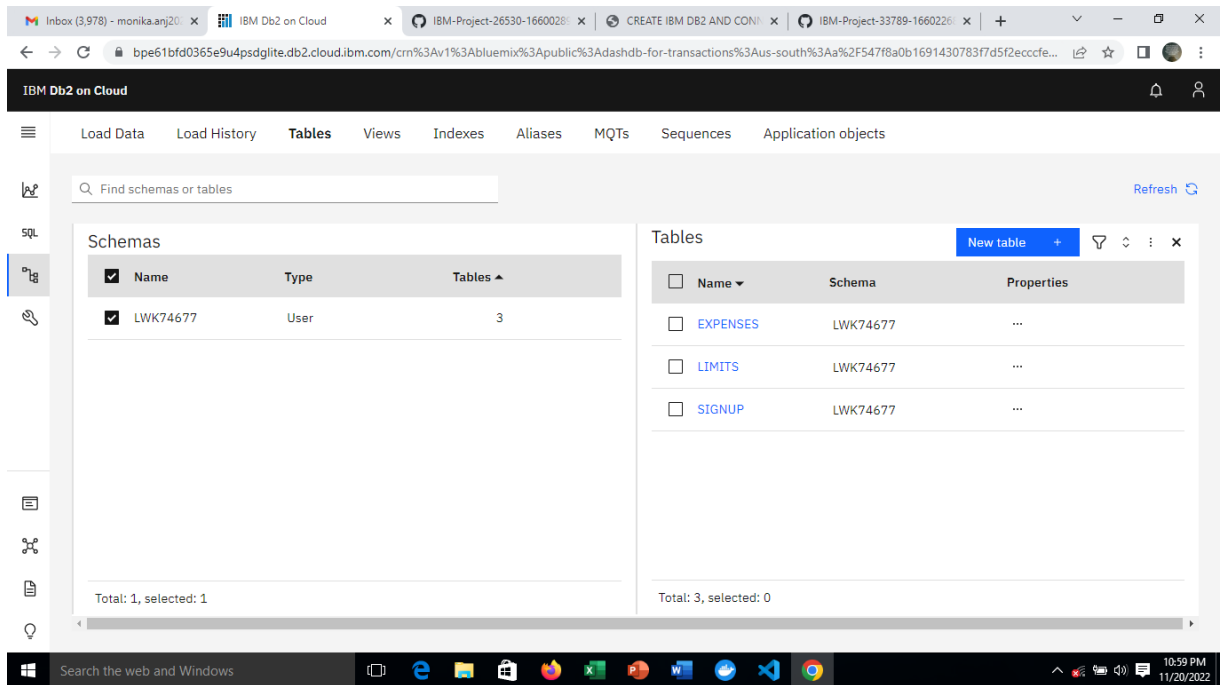
[Support case](#)

Waiting for cloud.ibm.com...

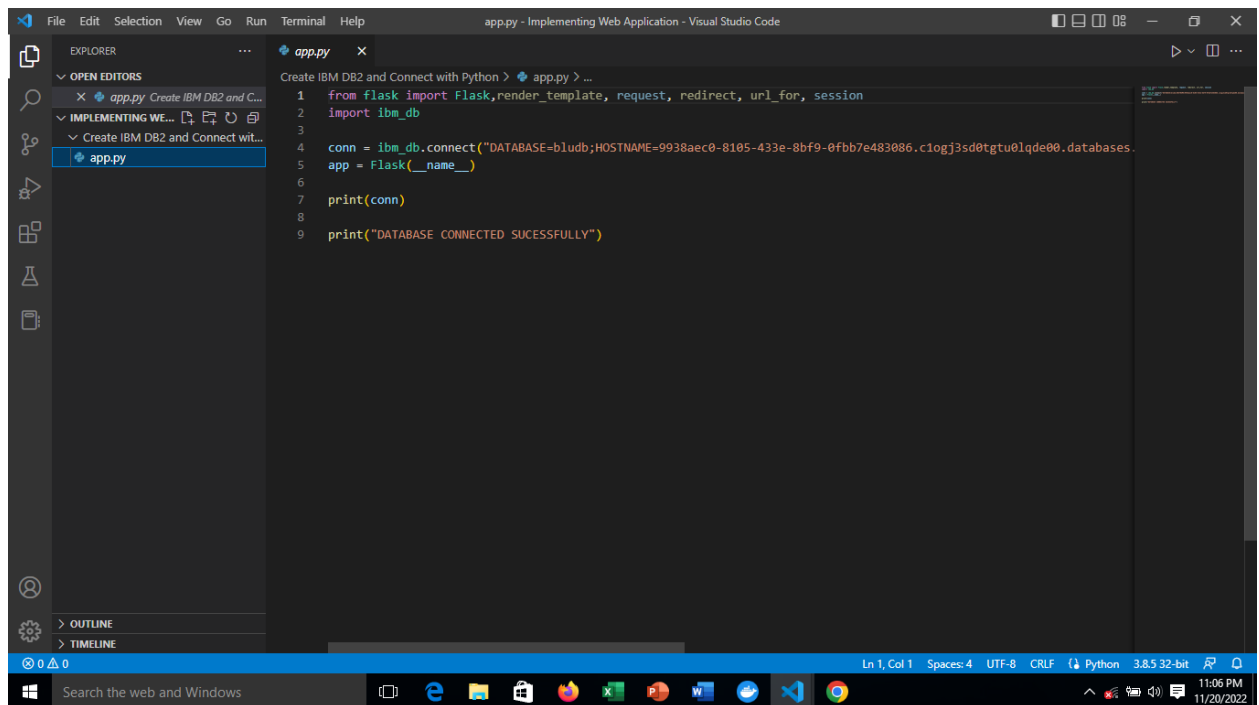
Search the web and Windows

10:58 PM 11/20/2022

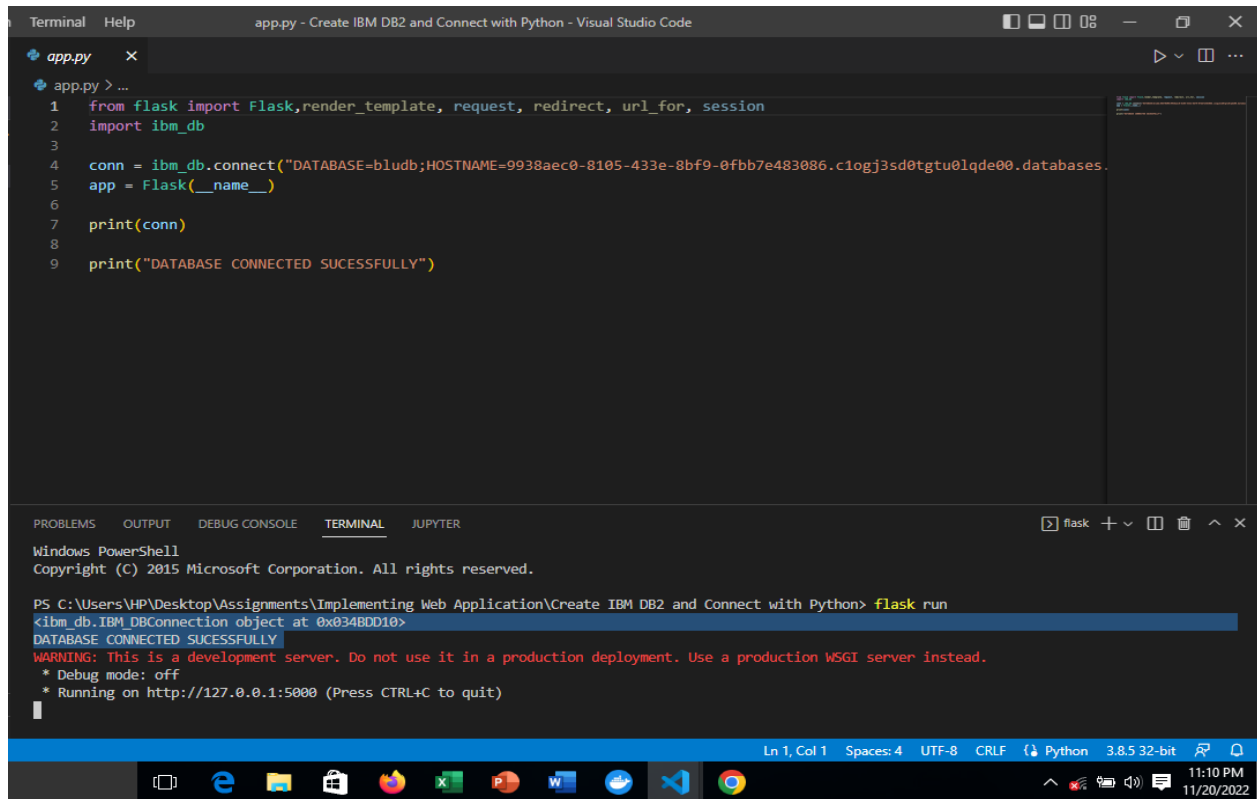
Table Created Successfully :



Database connection Code :



Database connected Successfully:



The image shows a Visual Studio Code window with a Python file named `app.py` and a terminal window. The Python code in `app.py` imports `Flask` and `ibm_db`, connects to an IBM DB2 database, and prints the connection object and a success message. The terminal shows the output of running `flask run`, including the connection object, the success message, and a warning about the development server.

```
app.py > ...
1 from flask import Flask, render_template, request, redirect, url_for, session
2 import ibm_db
3
4 conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=9938aec0-8105-433e-8bf9-0fbb7e483086.c1ogj3sd0tgtu01qde00.databases.
5 app = Flask(__name__)
6
7 print(conn)
8
9 print("DATABASE CONNECTED SUCCESSFULLY")
```

Windows PowerShell
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PS C:\Users\HP\Desktop\Assignments\Implementing Web Application\Create IBM DB2 and Connect with Python> flask run
<ibm_db.IBM DBConnection object at 0x0348DD10>
DATABASE CONNECTED SUCCESSFULLY
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Debug mode: off
* Running on http://127.0.0.1:5000 (Press CTRL+C to quit)

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python 3.8.5 32-bit