

IMPLEMENTING WEB APPLICATION

Create IBM DB2 and connect with Python

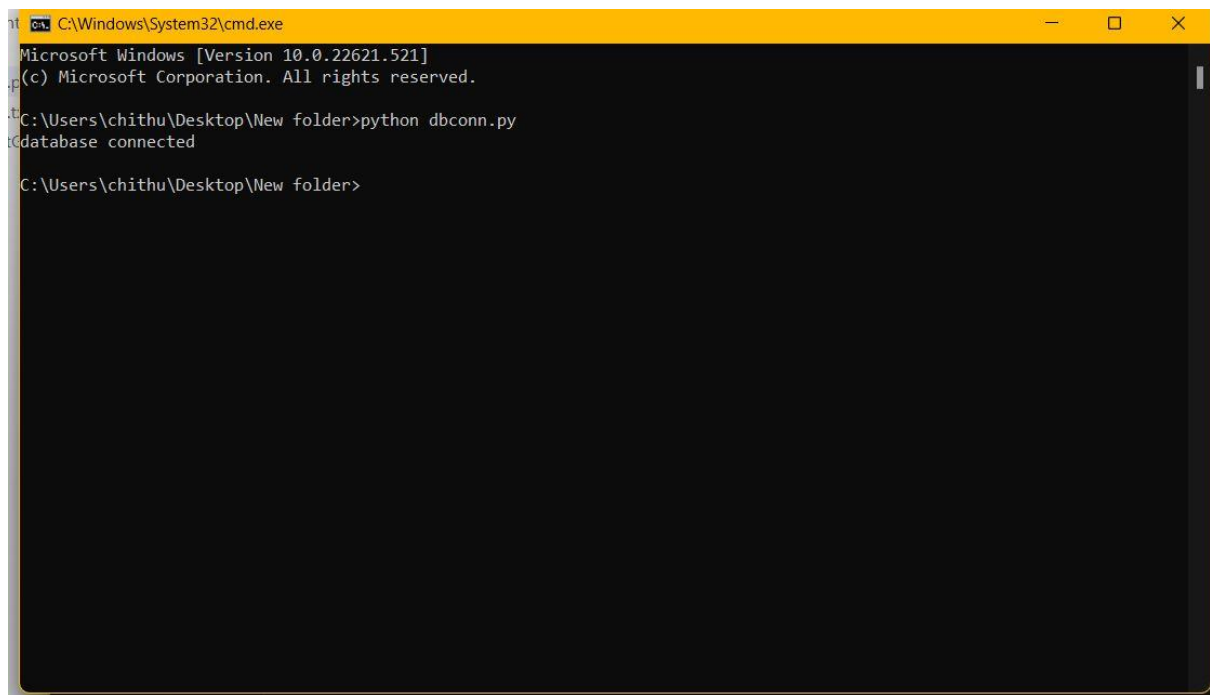
Team ID	PNT2022TMID11566
Project Name	Customer Care Registry
Batch Number	B10-4A6E

The screenshot displays the Visual Studio Code interface with a Python file named `dbconn.py` open. The script defines connection parameters for an IBM DB2 database and includes a function `DBConnectionEstablish()` to attempt the connection. The terminal window at the bottom shows the command prompt output, indicating that the connection was successful.

```
1 import ibm_db
2
3 dsn_hostname = "3883e7e4-18f5-4afe-be8c-fa31c41761d2.bs21090108qbi0d8lrg.databases.appdomain.cloud"
4 dsn_uid = "wcg14700"
5 dsn_pwd = "5hf0oc5QVrgb929H"
6 dsn_driver = "{IBM DB2 ODBC DRIVER}"
7 dsn_database = "BLUDB"
8 dsn_port = "31498"
9 dsn_protocol = "TCP/IP"
10 dsn_security = "SSL"
11 SSLServerCertificate = "DigiCertGlobalRootCA.crt"
12
13 def DBConnectionEstablish():
14     try:
15         conn = ibm_db.connect("DATABASE=BLUDB;HOSTNAME=3883e7e4-18f5-4afe-be8c-fa31c41761d2.bs21090108qbi0d8lrg.databases.appdomain.cloud;UID=wcg14700;PWD=5hf0oc5QVrgb929H", dsn_driver, dsn_database, dsn_port, dsn_protocol, dsn_security, SSLServerCertificate)
16         print("database connected")
17     except:
18         print("unable to connect")
19
20 DBConnectionEstablish()
```

Terminal Output:

```
PS C:\Users\chithu\Desktop\New folder> & C:\Users\chithu\AppData\Local\Programs\Python\Python310\python.exe "c:/Users/chithu/Desktop/New folder/dbconn.py"
unable to connect
PS C:\Users\chithu\Desktop\New folder> & C:\Users\chithu\AppData\Local\Programs\Python\Python310\python.exe "c:/Users/chithu/Desktop/New folder/dbconn.py"
database connected
PS C:\Users\chithu\Desktop\New folder>
```



```
nt C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.22621.521]
(c) Microsoft Corporation. All rights reserved.

C:\Users\chithu\Desktop\New folder>python dbconn.py
Database connected

C:\Users\chithu\Desktop\New folder>
```

Output:

Created IBM DB2 and Connected with python successfully