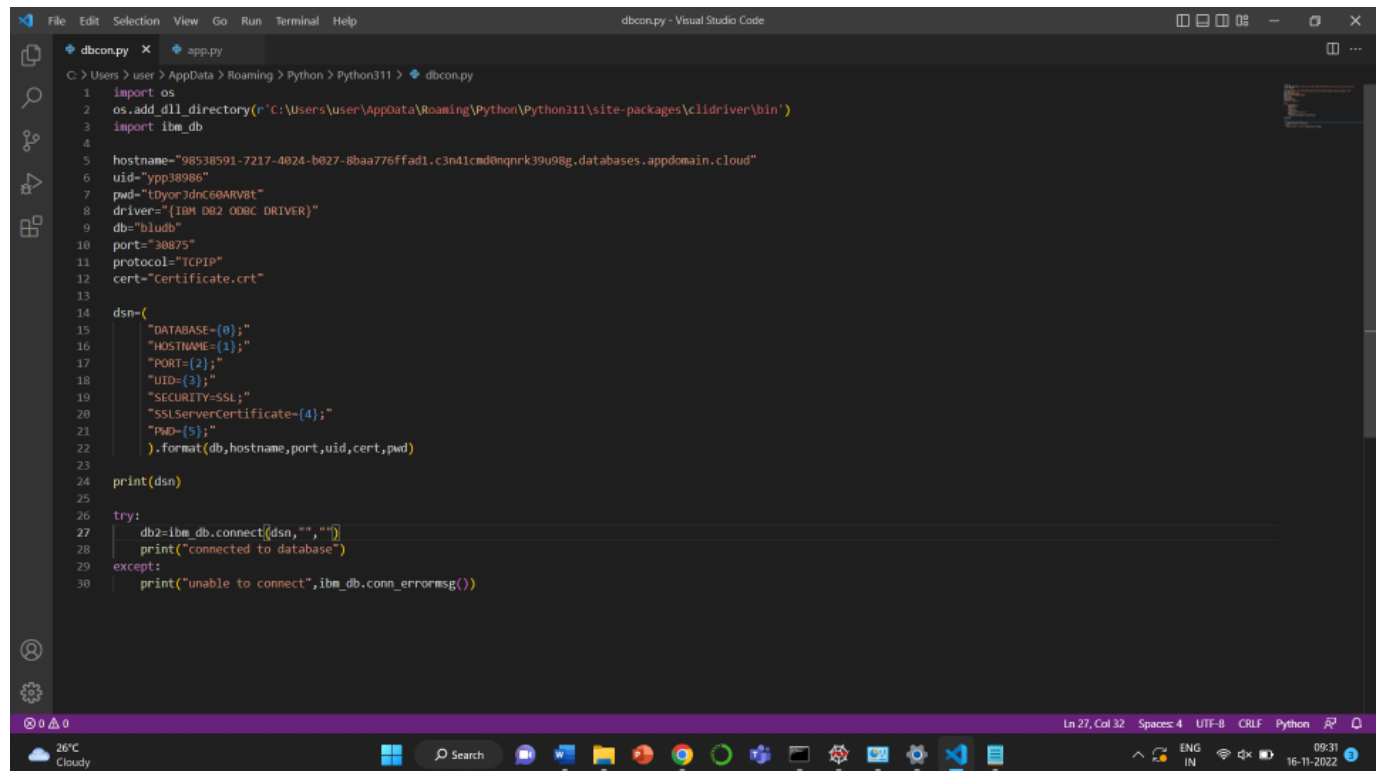


PROJECT DEVELOPMENT PHASE

SPRINT – 2

Team Id	PNT2022TMID49738
Project Name	News Tracker Application
Team Members	M.Melbah Jemilin Vibina M.Abiniya Valli B.Abinisha R.Anushiya

DATABASE CONNECTION :



The screenshot shows a Visual Studio Code editor window with a Python file named `dbcon.py`. The code is a script for connecting to a database using the `ibm_db` module. It includes imports for `os` and `ibm_db`, and defines variables for database connection parameters. The script uses a DSN (Data Source Name) to connect to the database. The DSN is constructed using a dictionary with keys for `DATABASE`, `HOSTNAME`, `PORT`, `UID`, `SECURITY`, `SSLServerCertificate`, and `PWD`. The script then attempts to connect to the database using `db2=ibm_db.connect(dsn, "", "")` and prints the connection status. If the connection fails, it prints an error message.

```
1 import os
2 os.add_dll_directory(r"C:\Users\User\AppData\Roaming\Python\Python311\site-packages\clidriver\bin")
3 import ibm_db
4
5 hostname="98538591-7217-4024-b027-8baa776ffad1.c3n41cmd0nqrk39u98g.databases.appdomain.cloud"
6 uid="ypp38986"
7 pwd="t0yorJdnc60ARVbt"
8 driver="{IBM DB2 ODBC DRIVER}"
9 db="bludb"
10 port="30875"
11 protocol="TCP/IP"
12 cert="Certificate.crt"
13
14 dsn=(
15     "DATABASE={0};"
16     "HOSTNAME={1};"
17     "PORT={2};"
18     "UID={3};"
19     "SECURITY=SSL;"
20     "SSLServerCertificate={4};"
21     "PWD={5};"
22     ).format(db,hostname,port,uid,cert,pwd)
23
24 print(dsn)
25
26 try:
27     db2=ibm_db.connect(dsn, "", "")
28     print("connected to database")
29 except:
30     print("unable to connect",ibm_db.conn_errormsg())
```