

IMPLEMENTING WEB APPLICATION

Create An Account CREATE IBM DB2 AND CONNECT WITH PYTHON

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Project Name	CONTAINMENT ZONE ALERTING

CREATE IBM DB2 AND CONNECT WITH PYTHON:

The screenshot displays a code editor with a file explorer on the left and a terminal at the bottom. The file explorer shows a project structure for a Flask application, including files like `aduthavan.html`, `admin.csv`, `aduthavan.py`, `app.py`, `Cert.crt`, `cookie.py`, `db2.py`, `register.py`, and `test.py`. The `db2.py` file is open in the editor, showing the following Python code:

```
1 import ibm_db
2 hostname="ba99a9e6-d59e-4883-8fc0-d6a8c9f7a08f.clogj3sd0tgtu0lqde00.databases.appdomain.cloud"
3 uid="dyy96762"
4 pwd="cNFJRrdL17ah7wbw"
5 driver="{IBM DB2 ODBC DRIVER}"
6 db="bludb"
7 port="31321"
8 protocol="TCP/IP"
9 cert="Cert.crt"
10
11 dsn=(
12     "DRIVER={0};"
13     "DATABASE={0};"
14     "HOSTNAME={1};"
15     "PORT={2};"
16     "UID={3};"
17     "SECURITY=SSL;"
18     "SSLServerCertificate={4};"
19     "PWD={5};".format(db,hostname,port,uid,cert,pwd)
20
21 print(dsn)
22 try:
23     db2=ibm_db.connect(dsn, "", "")
24     print("connected to database")
25 except:
26     print("unable to connect", ibm_db.conn_errormsg())
```

The terminal window at the bottom shows the command `admin@Sutharshans-MacBook-Air flask % python -u "/Users/admin/Desktop/flask/db2.py"` and the resulting error message:

```
Traceback (most recent call last):
  File "/Users/admin/Desktop/flask/db2.py", line 1, in <module>
    import ibm_db
ImportError: No module named ibm_db
```

The status bar at the bottom indicates the file is at line 30, column 1, with 4 spaces, using UTF-8 encoding, and the Python version is 3.10.8.