

CREATE IBM DB2 AND CONNECT WITH PYTHON

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Project Name	CONTAINMENT ZONE ALERTING APPLICATION
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IBM DB2 :

The screenshot shows a VS Code editor with a Python file named `dbcon.py`. The script defines a `dsn` dictionary with database connection parameters and attempts to connect to a database using `pyodbc.connect(dsn, "", "")`. The terminal window below the editor shows the execution of the script, displaying the DSN configuration and the successful connection message.

```

1 import pyodbc
2
3 hostname="a9090906-d50e-4883-8fcd-d5a8c9f7a88f.clog13dmgtrui1qk00.databases.appdomain.cloud"
4 uid="j1t13388"
5 pwd="0sfzqntcQuaggyk"
6 drivers="(IBM DB2 ODBC DRIVER)"
7 db="bluadb"
8 port="31321"
9 protocol="TCP/IP"
10 cert="cert.crt"
11
12 dsn={
13     "DATABASE":[0],"
14     "HOSTNAME":[1],"
15     "PORT":[2],"
16     "UID":[3],"
17     "SECURITY=SSL;"
18     "SSL ServerCertificate=[4]:"
19     "PWD":[>];").format(db,hostname,port,uid,cert,pwd)
20
21 print(dsn)
22 try:
23     db=pyodbc.connect(dsn,"",")
24     print("connected to database")

```

```

PS C:\Users\VSQ\vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter> .\..\debugpy\launcher "1253" -- "g:\109\0\dbcon.py"
DATABASE=bluadb;HOSTNAME=a9090906-d50e-4883-8fcd-d5a8c9f7a88f.clog13dmgtrui1qk00.databases.appdomain.cloud;PORT=31321;UID=j1t13388;SECURITY=SSL;SSL ServerCertificate=cert.crt;PWD=0sfzqntcQuaggyk;
connected to database
PS C:\Users\VSQ\vscode\extensions\ms-python.python-2022.16.1\pythonFiles\lib\python\debugpy\adapter> .\..\debugpy\launcher "1253" -- "g:\109\0\dbcon.py"
DATABASE=bluadb;HOSTNAME=a9090906-d50e-4883-8fcd-d5a8c9f7a88f.clog13dmgtrui1qk00.databases.appdomain.cloud;PORT=31321;UID=j1t13388;SECURITY=SSL;SSL ServerCertificate=cert.crt;PWD=0sfzqntcQuaggyk;
connected to database
PS C:\Users\VSQ>

```