

TEAM ID : PNT2022TMID19384

PROJECT NAME : CONTAINMENT ZONE ALERTING APPLICATION

INSERT INTO table1 (Name, Dept)

VALUES ('Ramji', 'CSE');

INSERT INTO table1 (Name, Dept)

VALUES ('John', 'ECE');

INSERT INTO table1 (Name, Dept)

VALUES ('Vijay', 'MECH');

UPDATE table1

SET Dept = 'EEE'

WHERE Name = 'Ramji';

DELETE FROM table1

WHERE Dept = 'MECH';

The screenshot displays the IBM Db2 on Cloud web interface. At the top, there's a navigation bar with tabs: Load Data, Load History, Tables, Views, Indexes, Aliases, MQTs, Sequences, and Application objects. The 'Tables' tab is selected. Below the navigation bar, the table 'FJB76477.TABLE1' is shown. It has two columns: NAME and DEPT. The table contains two rows of data: John (ECE) and Ramji (EEE). There are buttons for 'Back', 'Export to CSV', and 'Download' (represented by a download icon). The bottom of the screen shows a Windows taskbar with various application icons and a search bar.

NAME	DEPT
John	ECE
Ramji	EEE

INSERT INTO table2 (Name, Class)

VALUES ('Rajini', 'A');

```
INSERT INTO table2 (Name, Class)
```

```
VALUES ('Kamal', 'B');
```

```
INSERT INTO table2 (Name, Class)
```

```
VALUES ('Vikram', 'C');
```

```
UPDATE table2
```

```
SET Class = 'A'
```

```
WHERE Name = 'Rajini';
```

```
DELETE FROM table2
```

```
WHERE Class = 'C';
```

The screenshot shows the IBM Db2 on Cloud web interface. The top navigation bar includes links for 'Load Data', 'Load History', 'Tables', 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', and 'Application objects'. The 'Tables' tab is selected, showing a table named 'FJB76477.TABLE2'. The table has two columns: 'NAME' and 'CLASS'. The data rows are:

NAME	CLASS
Kamal	B
Rajini	A

Below the table, there is an 'Export to CSV' button. The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 12:21 AM on 9/28/2022.

```
INSERT INTO table3 (NAME, COLOR )
```

```
VALUES ('Sk', 'RED');
```

```
INSERT INTO table3(NAME, COLOR )
```

```
VALUES ('Dhanush', 'BLUE');
```

```
INSERT INTO table3 (NAME, COLOR )
```

```
VALUES ('Simbu', 'GREEN');
```

UPDATE table3

SET COLOR = 'RED'

WHERE NAME = 'Sk';

DELETE FROM table3

WHERE COLOR = 'BLUE';

IBM Db2 on Cloud

Load Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application objects

FJB76477.TABLE3 Back

Export to CSV

NAME	COLOR
Simbu	GREEN
Sk	RED

Activate Windows
Go to Settings to activate Windows.

meet.google.com is sharing your screen. Stop sharing Hide

INSERT INTO table4 (name, id)

VALUES ('Arya', 'ab');

INSERT INTO table4 (name, id)

VALUES ('Jeeva', 'bc');

INSERT INTO table4 (name, id)

VALUES ('Vikrant', 'cd');

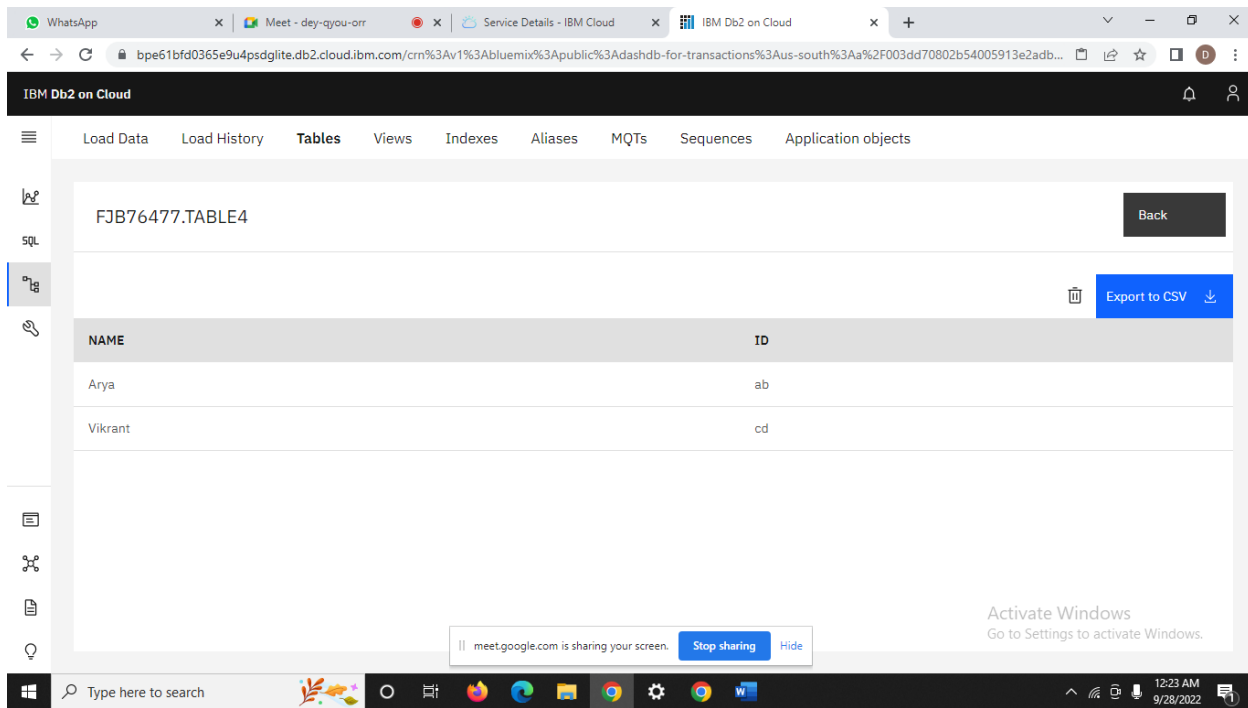
UPDATE table4

SET id = 'ab'

WHERE NAME = 'Arya';

DELETE FROM table4

WHERE id = 'bc';



```
INSERT INTO table5 (name, attendance )
```

```
VALUES ('Nayanthara', 'present');
```

```
INSERT INTO table5 (name, attendance)
```

```
VALUES ('Julie', 'absent');
```

```
INSERT INTO table5 (name, attendance)
```

```
VALUES ('Vaishali', 'noreason');
```

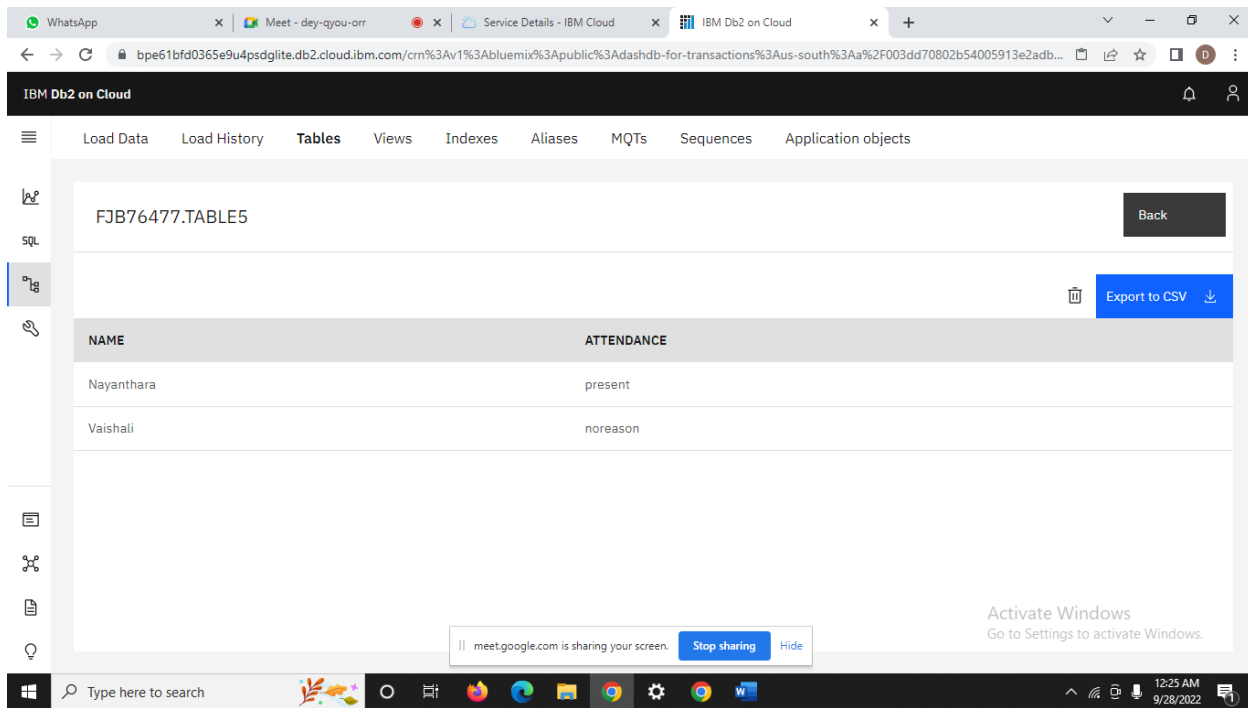
```
UPDATE table5
```

```
SET attendance = 'present'
```

```
WHERE NAME = 'Nayanthara';
```

```
DELETE FROM table5
```

```
WHERE attendance = 'absent';
```



```
import ibm_db
```

```
hostname = '2f3279a5-73d1-4859-88f0-a6c3e6b4b907.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud'
```

```
uid = 'fjb76477'
```

```
pwd = 'PRIQJrDmEA9LQFPL'
```

```
driver = "{IBM DB2 ODBC DRIVER}"
```

```
db = 'bludb'
```

```
port = '30756'
```

```
protocol = 'TCPIP'
```

```
cert = 'DarshanCertificate.crt'
```

```
dsn = (
```

```
    "DATABASE = {0};"
```

```
    "HOSTNAME = {1};"
```

```
    "PORT = {2};"
```

```
    "UID = {3};"
```

```
    "SECURITY = SSL;"
```

```
    "SSIServerCertificate = {4};"
```

```
    "PWD = {5};"
```

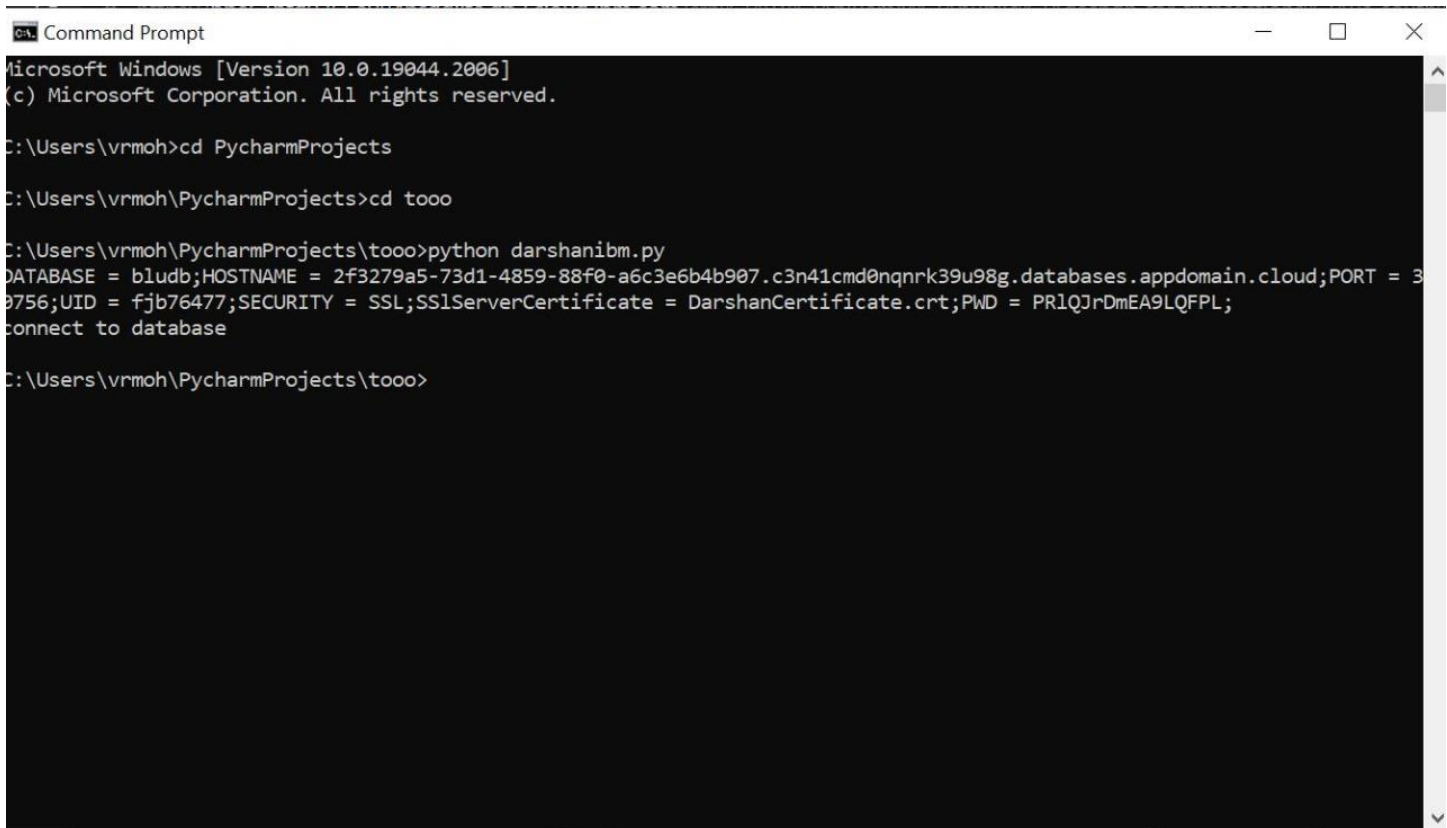
```

).format(db, hostname, port, uid, cert, pwd)

print(dsn)

try:
    db2 = ibm_db.connect(dsn, " ", " ")
    print("connect to database")
except:
    print("unable to connect ", ibm_db.conn_errormsg())

```



The screenshot shows a Windows Command Prompt window with the following text:

```

C:\Users\vrroh>cd PycharmProjects
C:\Users\vrroh\PycharmProjects>cd tooo
C:\Users\vrroh\PycharmProjects\tooo>python darshanibm.py
DATABASE = bludb;HOSTNAME = 2f3279a5-73d1-4859-88f0-a6c3e6b4b907.c3n41cmd0nqnkrk39u98g.databases.appdomain.cloud;PORT = 3
9756;UID = fjb76477;SECURITY = SSL;SSLServerCertificate = DarshanCertificate.crt;PWD = PR1QJrDmEA9LQFPL;
connect to database
C:\Users\vrroh\PycharmProjects\tooo>

```

```

import ibm_db

hostname = '9938aec0-8105-433e-8bf9-
0fbb7e483086.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud'

uid = 'qfk33398'

pwd = 'jnfFMaLIMeTZcout'

driver = "{IBM DB2 ODBC DRIVER}"

db = 'bludb' port =

'32459'

```

```
protocol = 'TCPIP'cert =
```

```
'CRT1.crt'
```

```
dsn = (
```

```
    "DATABASE = {0};"
```

```
    "HOSTNAME = {1};"
```

```
    "PORT = {2};"
```

```
    "UID = {3};"
```

```
    "SECURITY = SSL;"
```

```
    "SSLServerCertificate = {4};"
```

```
    "PWD = {5};"
```

```
).format(db, hostname, port, uid, cert, pwd)
```

```
print(dsn)
```

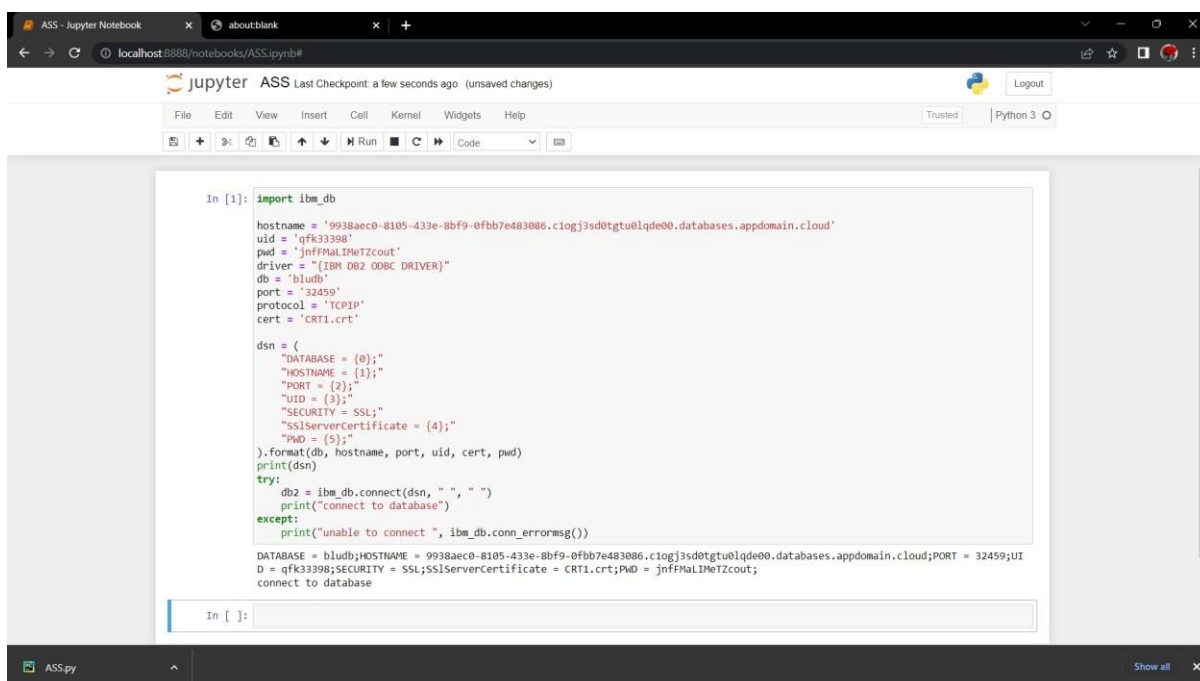
```
try:
```

```
    db2 = ibm_db.connect(dsn, " ", " ")
```

```
    print("connect to database")
```

```
except:
```

```
    print("unable to connect ", ibm_db.conn_errormsg())
```



```
In [1]: import ibm_db

hostname = '9938aec0-8105-433e-8bf9-0fbb7e483086.c1ogj3sd0tgu0lqde00.databases.appdomain.cloud'
uid = 'qfk33398'
pwd = 'jnffMaLMeTZcout'
driver = "{IBM DB2 ODBC DRIVER}"
db = 'bludb'
port = '32459'
protocol = 'TCPIP'
cert = 'CRT1.crt'

dsn = (
    "DATABASE = {0};"
    "HOSTNAME = {1};"
    "PORT = {2};"
    "UID = {3};"
    "SECURITY = SSL;"
    "SSLServerCertificate = {4};"
    "PWD = {5};"
).format(db, hostname, port, uid, cert, pwd)
print(dsn)
try:
    db2 = ibm_db.connect(dsn, " ", " ")
    print("connect to database")
except:
    print("unable to connect ", ibm_db.conn_errormsg())

DATABASE = bludb;HOSTNAME = 9938aec0-8105-433e-8bf9-0fbb7e483086.c1ogj3sd0tgu0lqde00.databases.appdomain.cloud;PORT = 32459;UID = qfk33398;SECURITY = SSL;SSLServerCertificate = CRT1.crt;PWD = jnffMaLMeTZcout;
connect to database
```