ASSIGNMENT - 2

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NAME : Chathriya k

PROJECT NAME : SKILL / JOB RECOMMENDER APPLICATION

1.CREATE 5 TABLES IN IBM db2 and insert data by using insert query.& 2.PERFORM UPDATE , DELETE QUERIES in 5 tables:

TABLE 1 : coding

```
INSERT INTO table1 (NAME, SEX)
VALUES ('Karthikeyen', 'F');
INSERT INTO table1 (NAME, SEX)
VALUES ('Gokul', 'M');
INSERT INTO table1 (NAME, SEX)
VALUES ('LANA', 'F');

UPDATE table1
SET SEX = 'M'
WHERE Name = 'LANA';

DELETE FROM table1
```

WHERE NAME = 'Gokul';

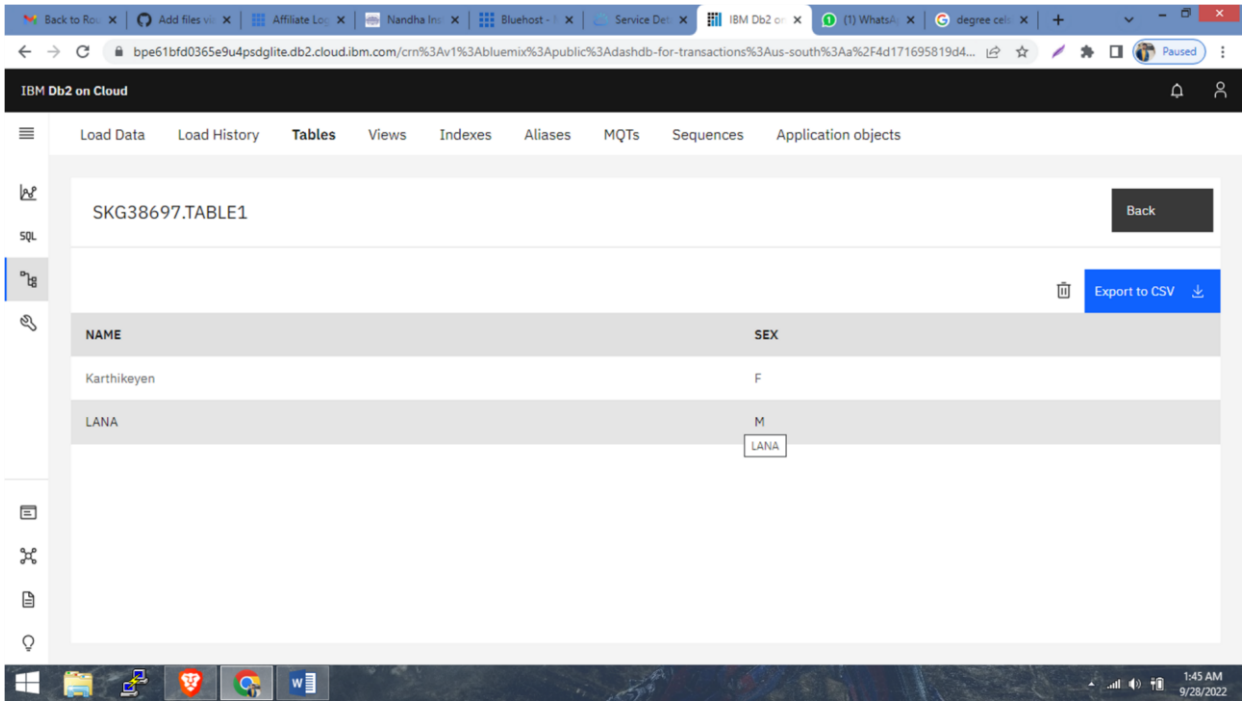


TABLE2

INSERT INTO table2 (NUMBER, LOCATION)

VALUES ('1', 'FLORIDA');

INSERT INTO table2 (NUMBER, LOCATION)

VALUES ('2', 'CAPETOWN');

INSERT INTO table2 (NUMBER, LOCATION)

VALUES ('3', 'KOVIL');

DELETE FROM table2

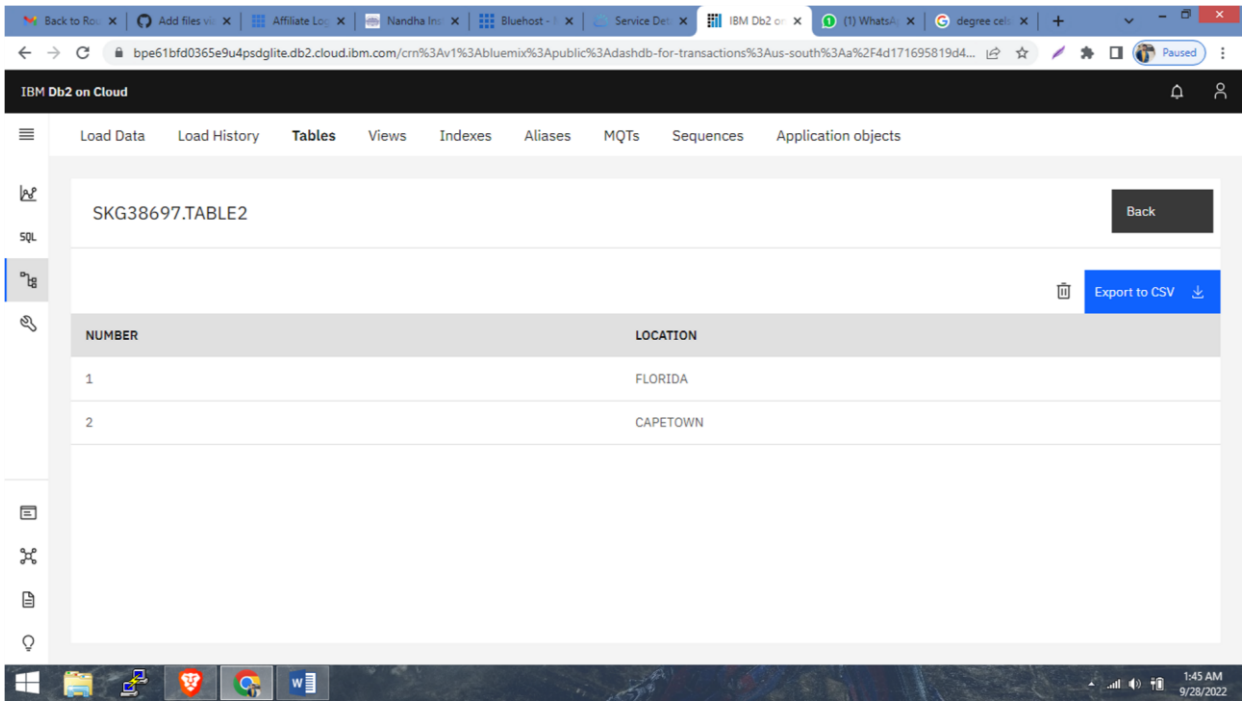


TABLE 3

```
INSERT INTO table3 (CELSIUS, CELSIUS2)

VALUES ('3.9', '6.3');

INSERT INTO table3 (CELSIUS, CELSIUS2)

VALUES ('9.3', '3.6');


UPDATE table3

SET CELSIUS = '1'

WHERE CELSIUS2 = '6';

DELETE FROM table3

WHERE CELSIUS = '1';
```

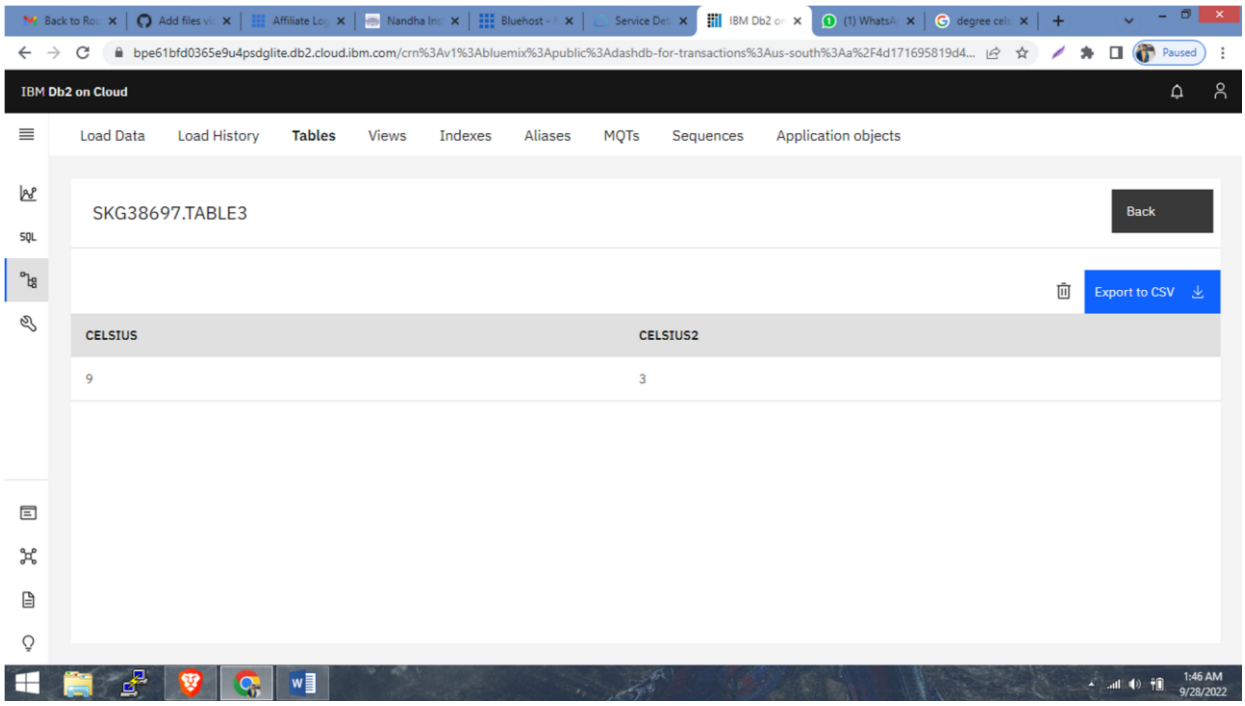


TABLE 4

```
INSERT INTO table4 (NAME, AGE)

VALUES ('TIMMMY', '29');

INSERT INTO table4 (NAME, AGE)

VALUES ('ZUMMMY', '28');


UPDATE table4

SET NAME = 'ZUMMMY'

WHERE AGE = '29';


DELETE FROM table4

WHERE AGE = '29';
```

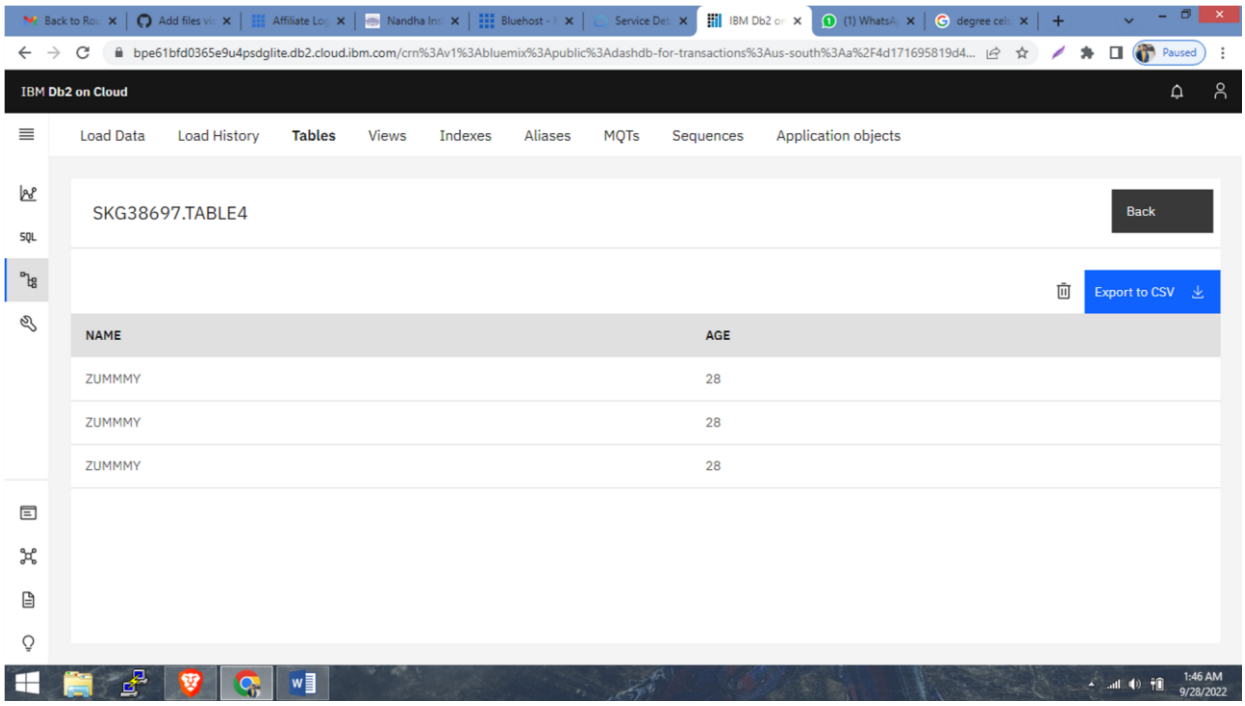


TABLE 5

INSERT INTO table5 (FIRSTNAME, LASTNAME, MIDDLENAME)

VALUES ('TIMMMY', 'KIMMY','HIMMMY');

INSERT INTO table5 (FIRSTNAME, LASTNAME,MIDDLENAME)

VALUES ('UIMMMY', 'QIMMMY','LIMMMY');

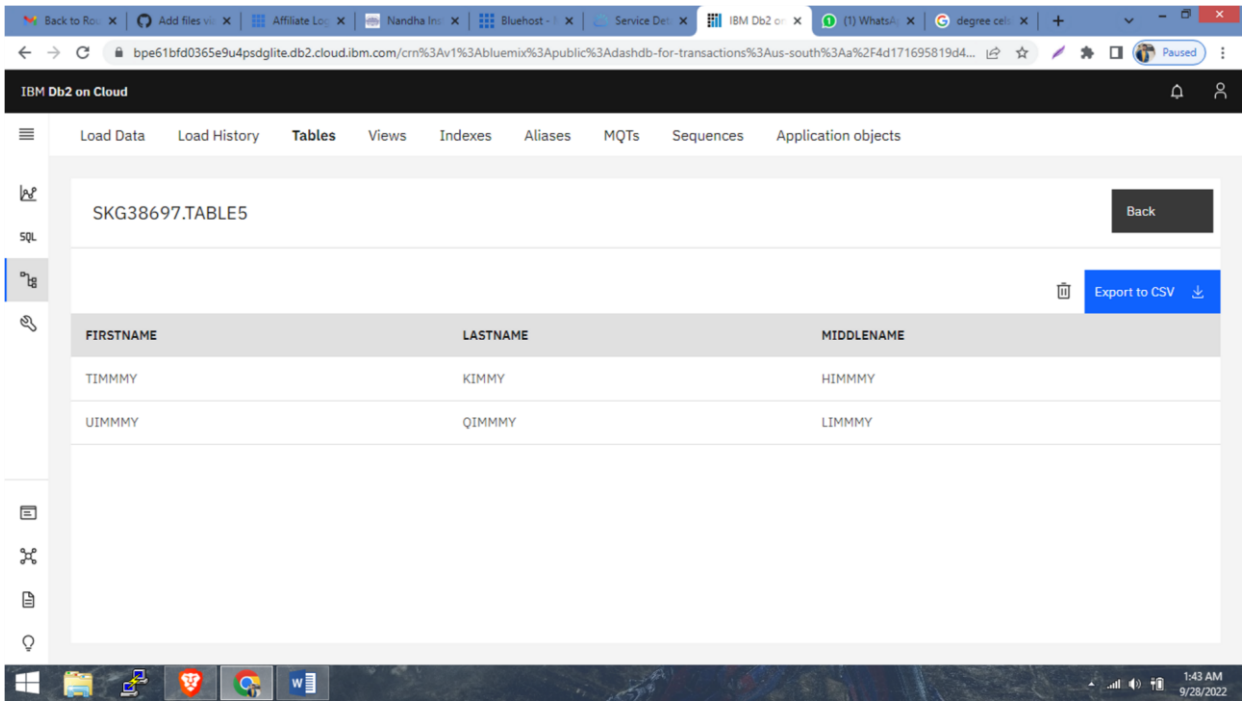
UPDATE table5

SET LASTNAME = 'RIMMY'

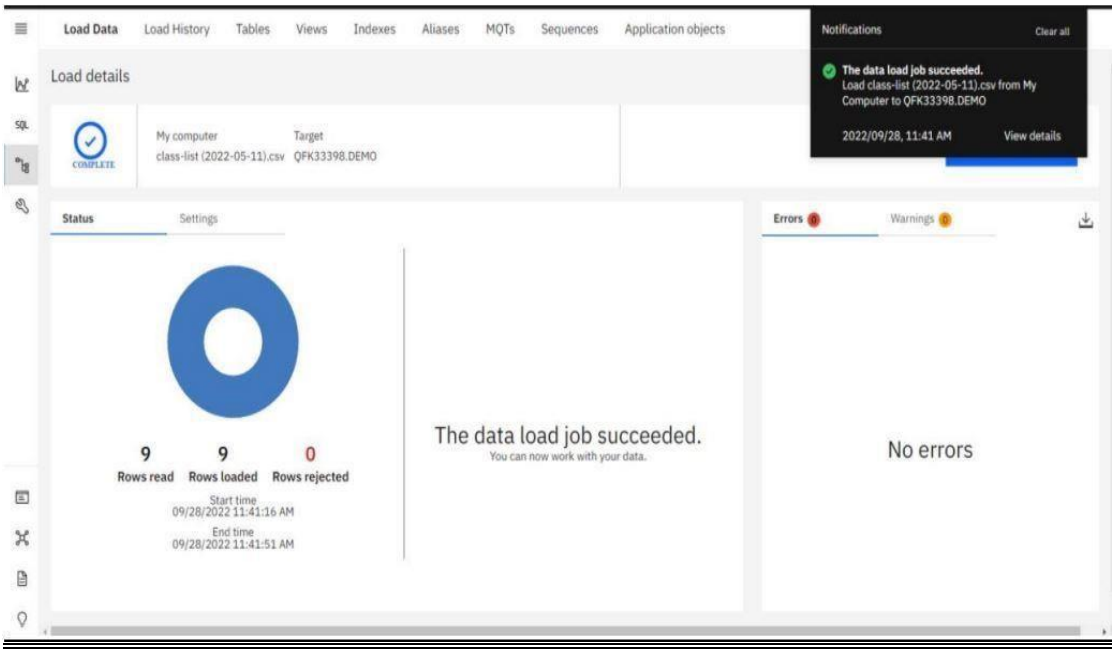
WHERE FIRSTNAME = 'TIMMMY';

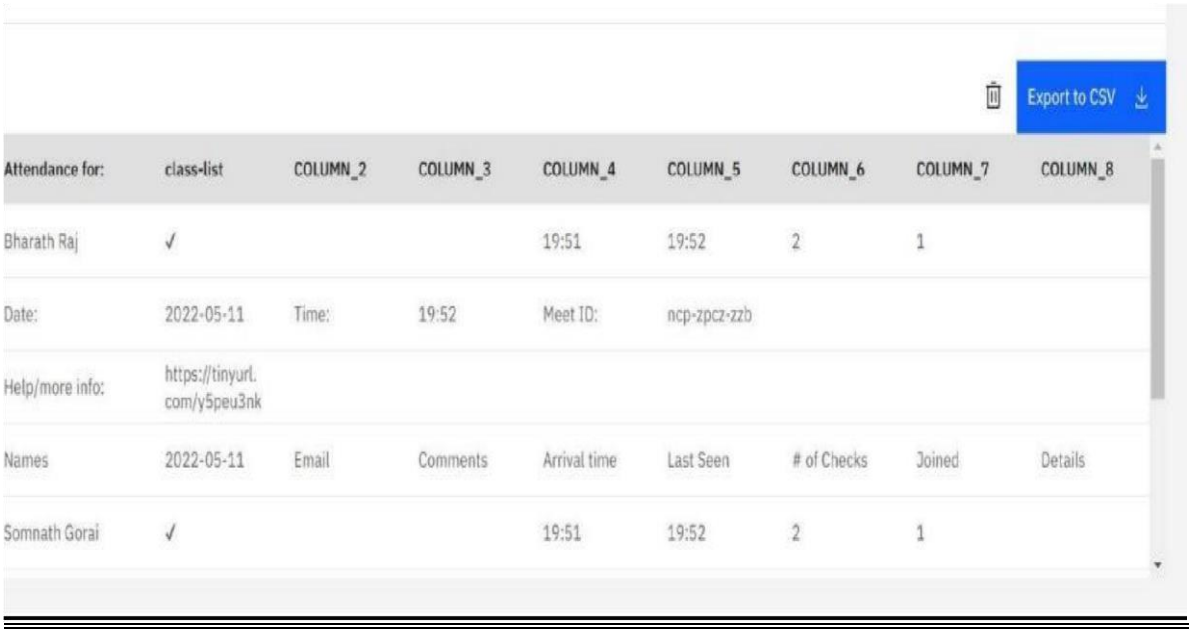
DELETE FROM table5

WHERE MIDDLENAME = 'LIMMMY';



3.LOAD EXCEL COMMA SEPERATED FILE TO db2

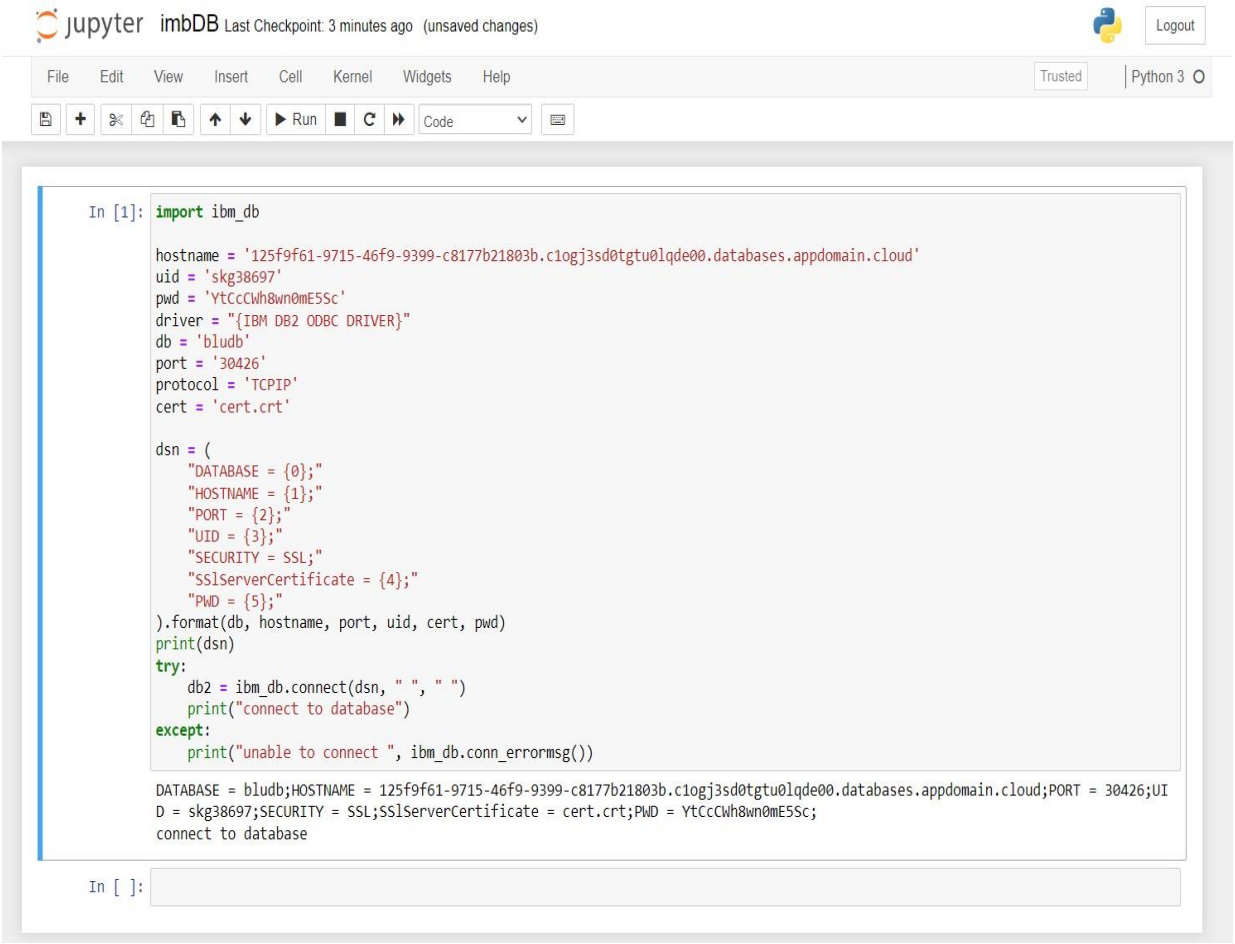




Export to CSV

Attendance for:	class-list	COLUMN_2	COLUMN_3	COLUMN_4	COLUMN_5	COLUMN_6	COLUMN_7	COLUMN_8
Bharath Raj	✓			19:51	19:52	2	1	
Date:	2022-05-11	Time:	19:52	Meet ID:	ncp-zpcz-zzb			
Help/more info:	https://tinyurl.com/y5peu3nk							
Names	2022-05-11	Email	Comments	Arrival time	Last Seen	# of Checks	Joined	Details
Somnath Gorai	✓			19:51	19:52	2	1	

4.CONNECT PYTHON TO db2:



jupyter imbDB Last Checkpoint: 3 minutes ago (unsaved changes)

Logout

File Edit View Insert Cell Kernel Widgets Help

Trusted Python 3

Run Code

In [1]:
```
import ibm_db

hostname = '125f9f61-9715-46f9-9399-c8177b21803b.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud'
uid = 'skg38697'
pwd = 'YtCcCWh8wn0mE5Sc'
driver = "{IBM DB2 ODBC DRIVER}"
db = 'bludb'
port = '30426'
protocol = 'TCPIP'
cert = 'cert.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 = 125f9f61-9715-46f9-9399-c8177b21803b.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT = 30426;UI
D = skg38697;SECURITY = SSL;SSLServerCertificate = cert.crt;PWD = YtCcCWh8wn0mE5Sc;
connect to database
```

In [ ]:

```
import
ibm_db


        hostname = '125f9f61-9715-46f9-9399-
        c8177b21803b.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud'
        uid = 'skg38697'
        pwd = 'YtCcCWh8wn0mE5Sc'
        driver = "{IBM DB2 ODBC DRIVER}"
        db = 'bludb'
        port = '30426'
        protocol = 'TCPIP'
        cert = 'cert.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())
```