Assignment No.	2
Name	Rishikesh B
Registration No.	SSNCE195001307
Team No.	PNT2022TMID53102

1.Create User table with user with email, username, roll number, password.

2.Perform UPDATE,DELETE Queries with user table

TABEL 1

```
INSERT INTO table5 (NAME, ID)
VALUES ('Ram', '1');

INSERT INTO table5 (NAME, ID)
VALUES ('Gokul', '2');

INSERT INTO table5 (NAME, ID)
VALUES ('Raj', '3');


UPDATE table5
SET ID = '6'
WHERE Name = 'Raj';


DELETE FROM table5
WHERE ID = '1';
```

LCX41082.TABLE1   Back

                                                          🗑 Export to CSV ⬇

NAME	DEPARTMENT
Raj	MECH
Ram	CSE

TABLE2

```
INSERT INTO table2 (NAME, NUMBER)
VALUES ('Ram', '90');

INSERT INTO table2 (NAME, NUMBER)
VALUES ('Gokul', '80');

INSERT INTO table2 (NAME, NUMBER)
VALUES ('Raj', '100');


UPDATE table2
SET NUMBER = '120'
WHERE Name = 'Raj';


DELETE FROM table2
WHERE NUMBER = '80';
```

LCX41082.TABLE2   Back

                                                         🗑   Export to CSV ⬇

NAME	NUMBER
Raj	120
Ram	90

TABLE3

```sql
INSERT INTO table3 (NAME, EMAIL)
VALUES ('Ram', 'AV@@GMAIL.COM');

INSERT INTO table3 (NAME, EMAIL)
VALUES ('Gokul', 'JK@GMAIL.COM');

INSERT INTO table3 (NAME, EMAIL)
VALUES ('Raj', 'IO@GMAIL.COM');

UPDATE table3
SET EMAIL = 'RR@GMAIL.COM'
WHERE Name = 'Raj';


DELETE FROM table3
WHERE NAME = 'Gokul';
```

LCX41082.TABLE3	Back

🗑 Export to CSV ⬇

NAME	EMAIL
Raj	RR@GMAIL.COM
Ram	AV@@GMAIL.COM

TABLE 4

```sql
INSERT INTO table4 (NAME, LOCATION)
VALUES ('Ram', 'ERODE');

INSERT INTO table4 (NAME, LOCATION)
VALUES ('Gokul', 'CHENNAI');

INSERT INTO table4 (NAME, LOCATION)
VALUES ('Raj', 'MADURAI');


UPDATE table4
SET LOCATION = 'DELHI'
WHERE Name = 'Raj';


DELETE FROM table4
WHERE LOCATION = 'MADURAI';
```

LCX41082.TABLE4   Back

                                                      🗑   Export to CSV ⬇

NAME	LOCATION
Gokul	CHENNAI
Raj	DELHI
Ram	ERODE

TABLE 5

```
INSERT INTO table5 (NAME, ID)
VALUES ('Ram', '1');


INSERT INTO table5 (NAME, ID)
VALUES ('Gokul', '2');


INSERT INTO table5 (NAME, ID)
VALUES ('Raj', '3');


UPDATE table5
SET ID = '6'
WHERE Name = 'Raj';


DELETE FROM table5
WHERE ID = '1';
```
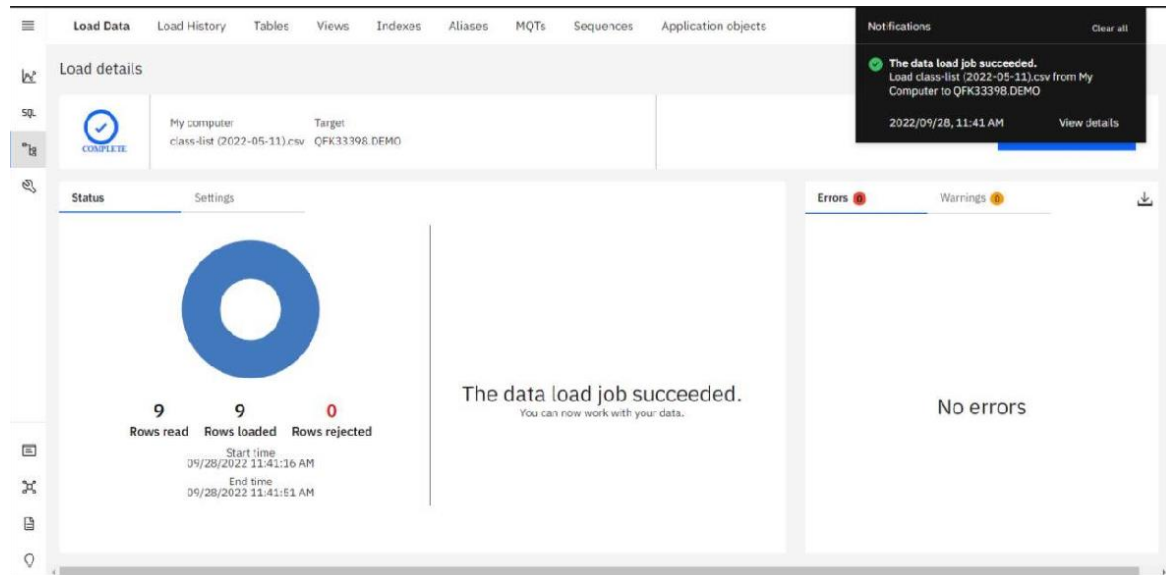
LCX41082.TABLE5   Back

                                                                                    🗑   Export to CSV ⬇

NAME	ID
Gokul	2
Raj	6

3.Connect python code to db2.

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-zzh			
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	

```python
import ibm_db


hostname = '19af6446-6171-4641-8aba-
9dcff8e1b6ff.c1ogj3sd0tgtu0lqde00.databases
.appdomain.cloud'

uid = 'lcx41082'

pwd = 'TyLII4Gaq6d1dI9x'

driver = "{IBM DB2 ODBC DRIVER}"

db = 'bludb'

port = '30699'

protocol = 'TCPIP'

cert = 'Certificate.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())
```

```
Command Prompt                                                    —    □    ×

Microsoft Windows [Version 10.0.19044.2006]
(c) Microsoft Corporation. All rights reserved.

C:\Users\vrmoh>cd PycharmProjects

C:\Users\vrmoh\PycharmProjects>cd tooo

C:\Users\vrmoh\PycharmProjects\tooo>python ibm.py
Traceback (most recent call last):
  File "C:\Users\vrmoh\PycharmProjects\tooo\ibm.py", line 12, in <module>
    dsn = (
AttributeError: 'tuple' object has no attribute 'format'

C:\Users\vrmoh\PycharmProjects\tooo>python ibm.py
DATABASE = bludb;HOSTNAME = 19af6446-6171-4641-8aba-9dcff8e1b6ff.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT = 3
0699;UID = lcx41082;SECURITY = SSL;SSlServerCertificate = Certificate.crt;PWD = TyLII4Gaq6d1dI9x;
connect to database

C:\Users\vrmoh\PycharmProjects\tooo>
```