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| **Assignment No.** | 2 |
| **Name** | Nithish Bharathwaj K R |
| **Registration No.** | 195001128 |
| **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');

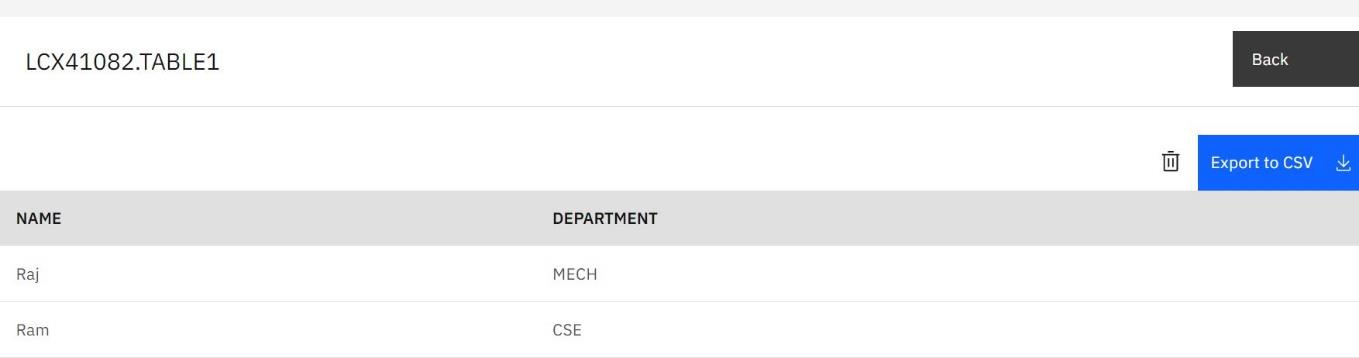
UPDATE table5

SET ID = '6'

WHERE Name = 'Raj';

DELETE FROM table5

WHERE ID = '1';



**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');

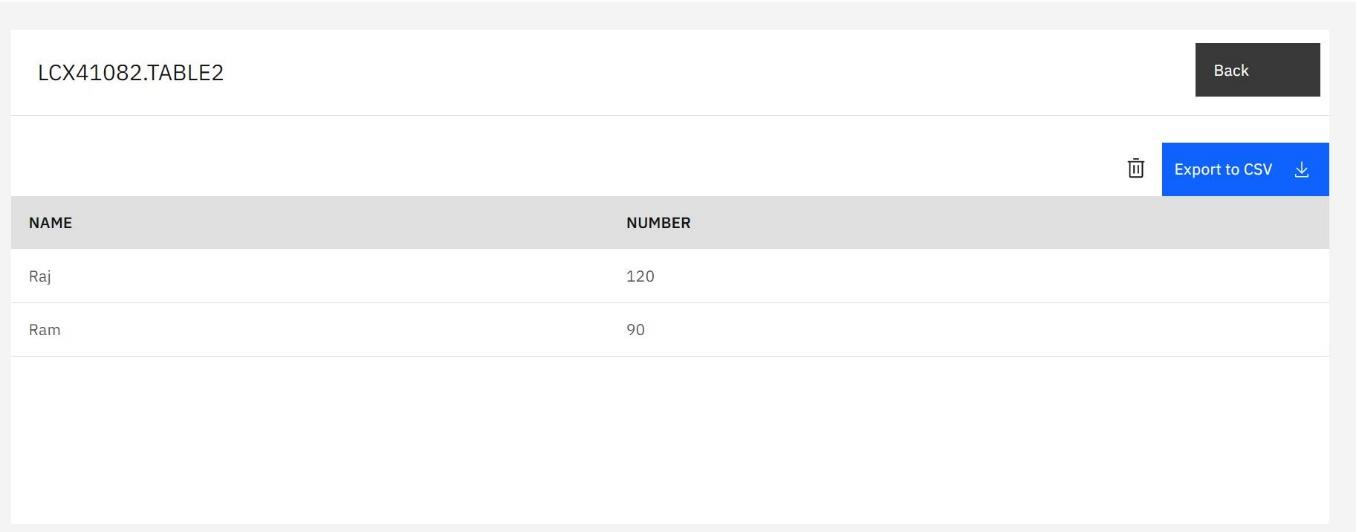
UPDATE table2

SET NUMBER = '120'

WHERE Name = 'Raj';

DELETE FROM table2

WHERE NUMBER = '80';



**TABLE3**

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');

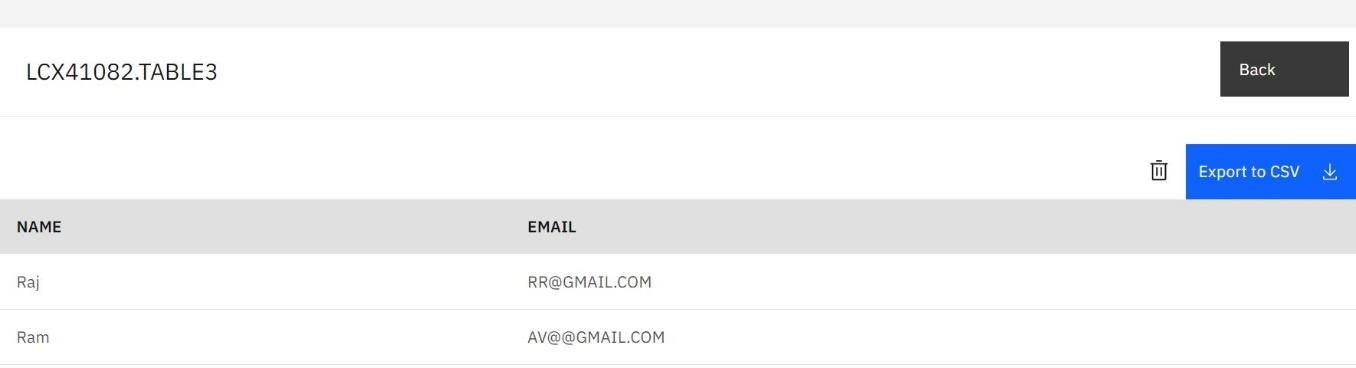
UPDATE table3

SET EMAIL = 'RR@GMAIL.COM'

WHERE Name = 'Raj';

DELETE FROM table3

WHERE NAME = 'Gokul';



**TABLE 4**

INSERT INTO table4 (NAME, LOCATION)

VALUES ('Ram', 'ERODE');

INSERT INTO table4 (NAME, LOCATION)

VALUES ('Gokul', 'CHENNAI');

INSERT INTO table4 (NAME, LOCATION)

VALUES ('Raj', 'MADURAI');

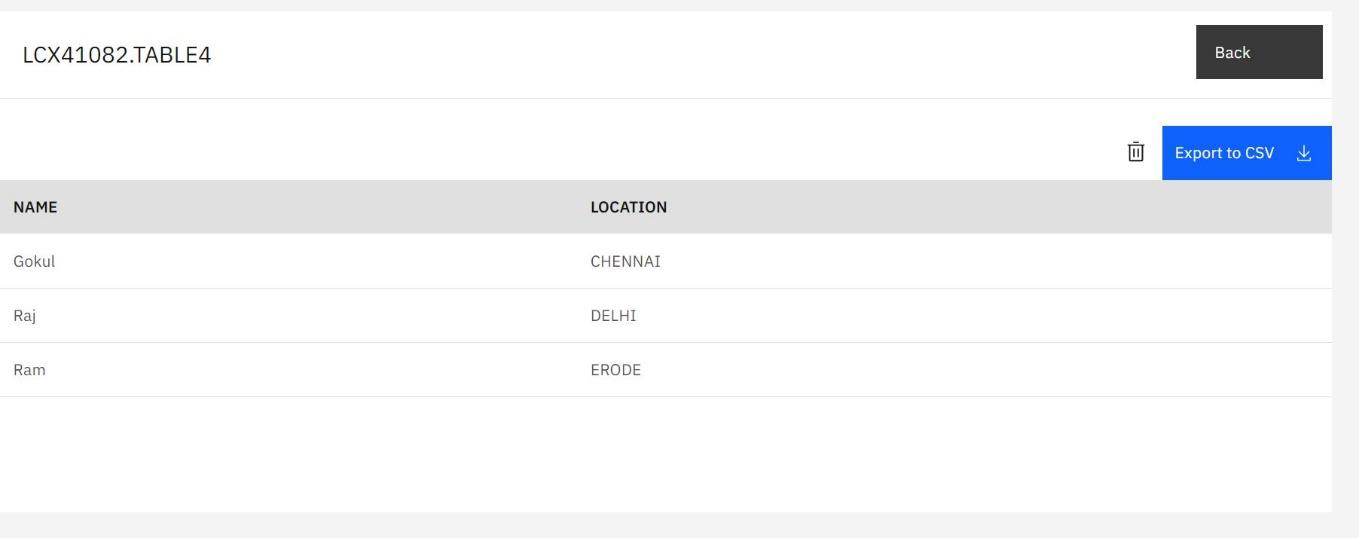
UPDATE table4

SET LOCATION = 'DELHI'

WHERE Name = 'Raj';

DELETE FROM table4

WHERE LOCATION = 'MADURAI';



**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'

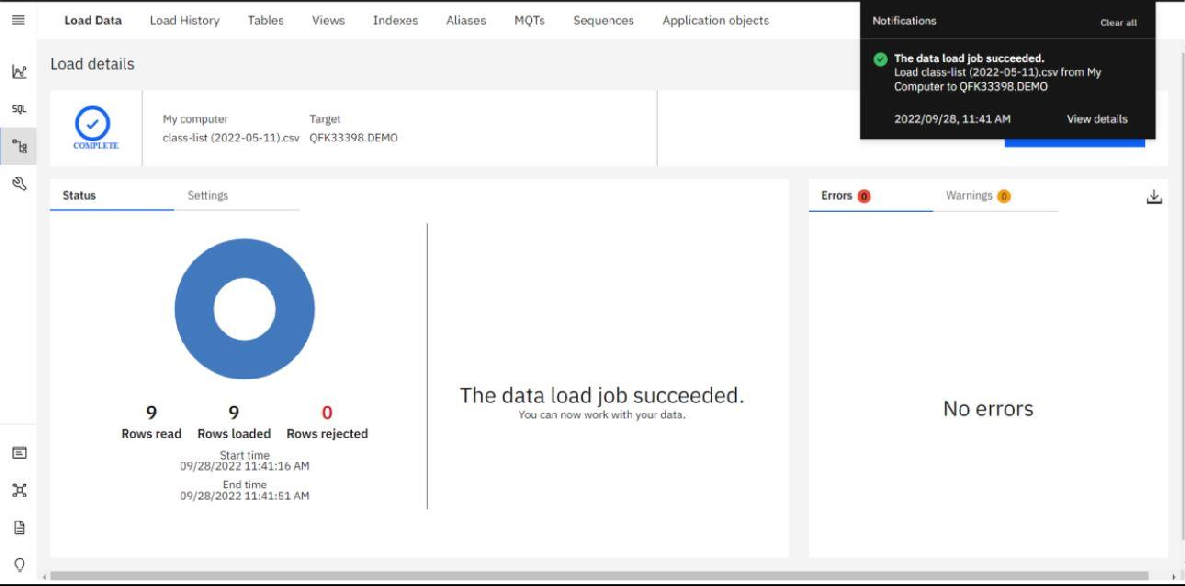
WHERE Name = 'Raj';

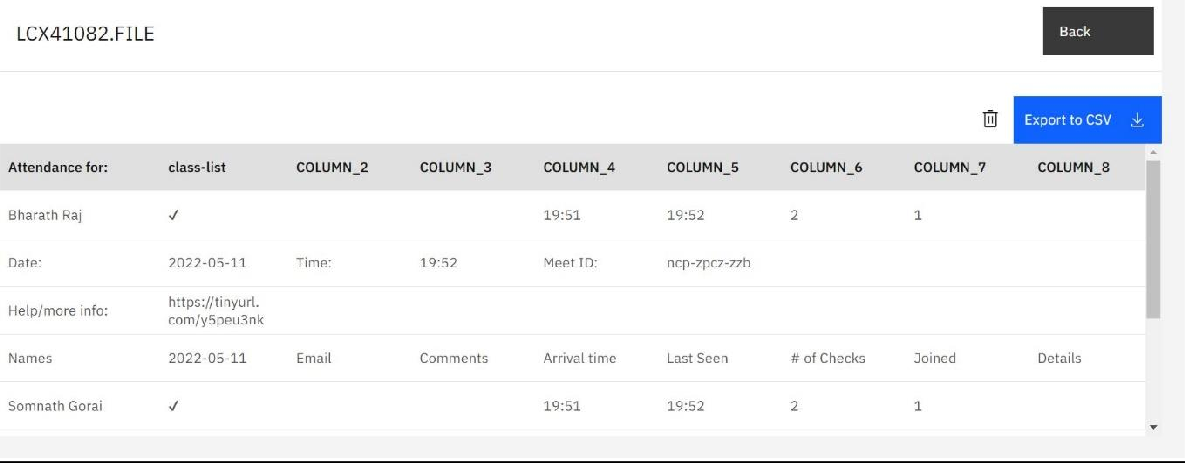
DELETE FROM table5

WHERE ID = '1';



3.Connect python code to db2.





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())

