ASSIGNMENT – 2

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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 !

```
INSERT INTO table1 (Name, Roll)
VALUES ('Ram', '12');
INSERT INTO table1 (Name, Roll)
VALUES ('Gokul', '13');
INSERT INTO table1 (Name, Roll)
VALUES ('Raj', '14');

UPDATE table1
SET Roll = '21'
WHERE Name = 'Raj';
DELETE FROM table1
WHERE Roll = '13';
```

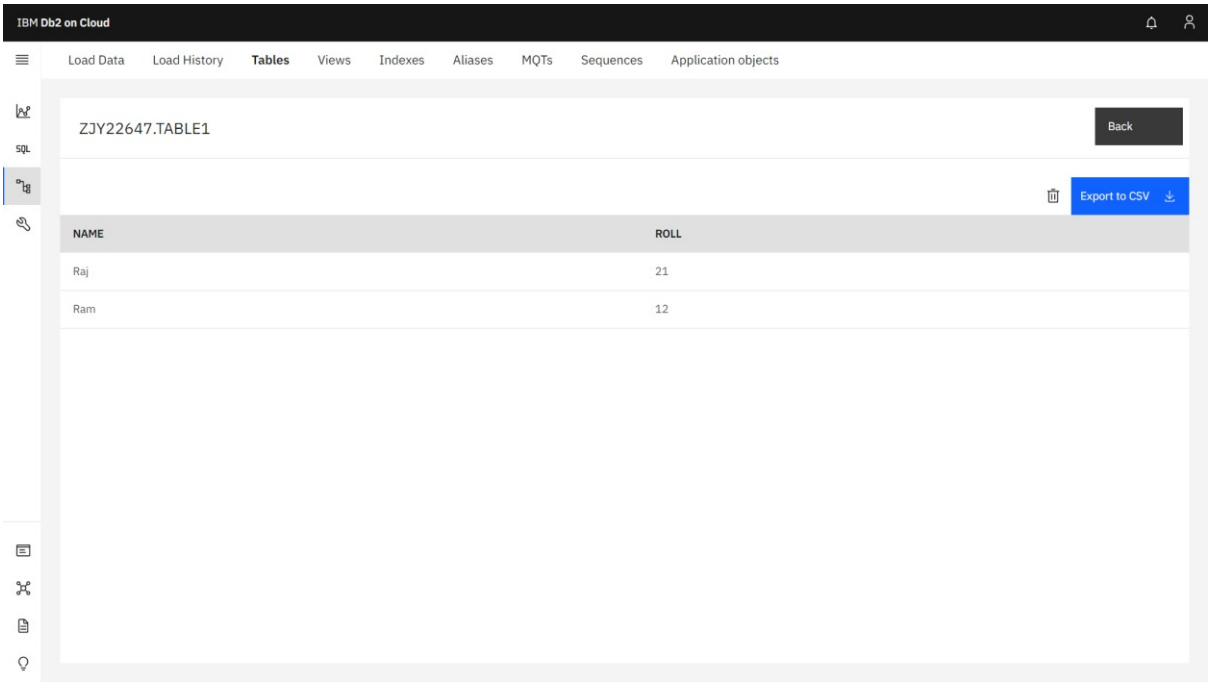


TABLE2

```
INSERT INTO table2 (Name,Location)
VALUES ('Ram', 'mumbai');
INSERT INTO table2 (Name,Location)
VALUES ('Gokul', 'delhi');
INSERT INTO table2 (Name,Location)
VALUES ('Raj', 'pune');

UPDATE table2
SET Location = 'goa'
WHERE Name = 'Raj';
DELETE FROM table2
WHERE Location = 'mumbai';
```

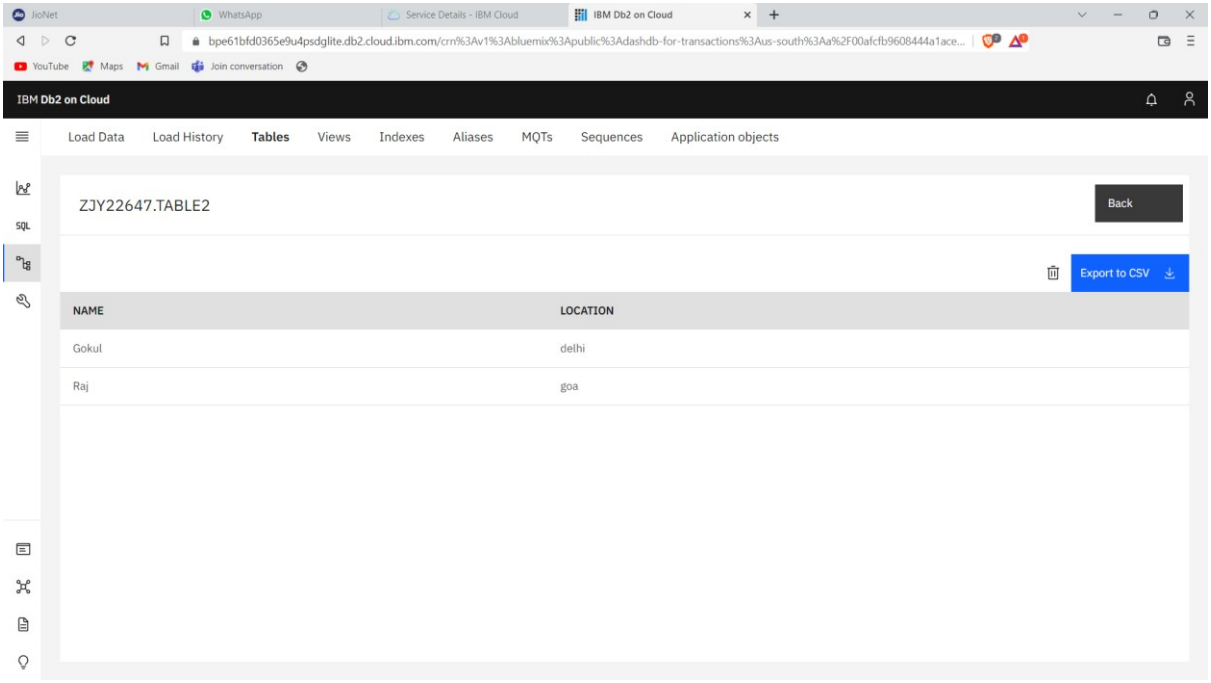


TABLE 3

```
INSERT INTO table3 (Name, Mark)
VALUES ('Ram', '65');
INSERT INTO table3 (Name, Mark)
VALUES ('Gokul', '85');
INSERT INTO table3 (Name, Mark)
VALUES ('Raj', '95');

UPDATE table3
SET Mark = '75'
WHERE Name = 'Raj';
DELETE FROM table3
WHERE Mark = '85';
```

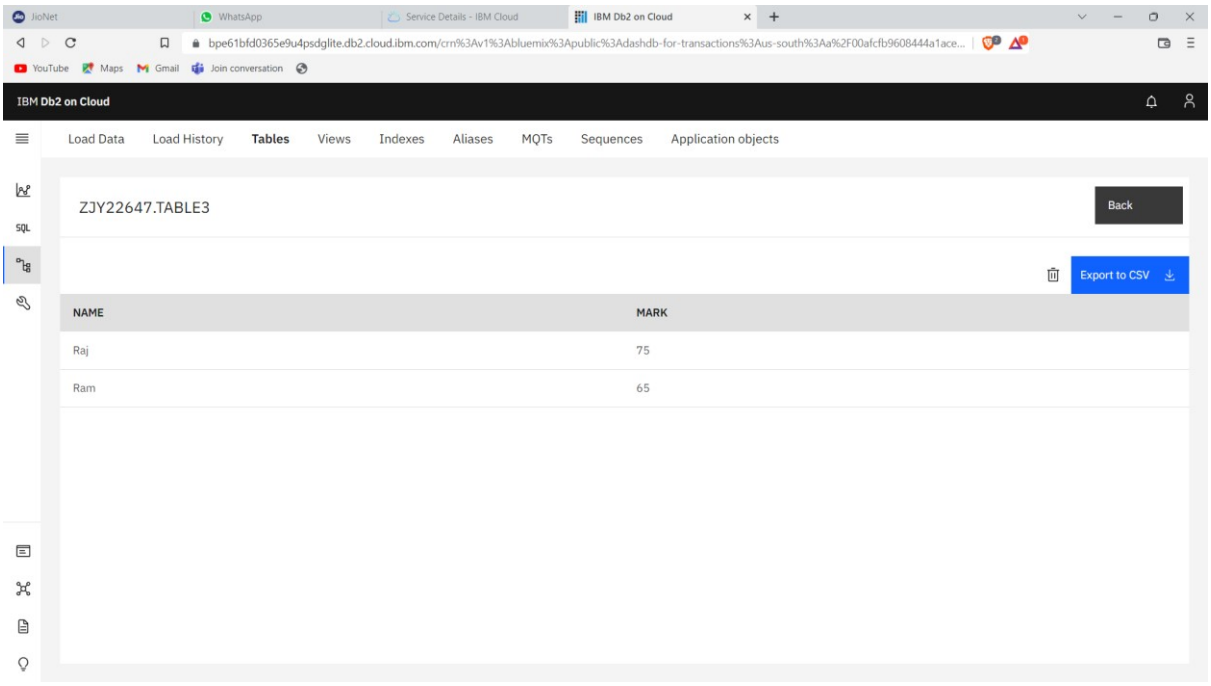


TABLE 4

```
INSERT INTO table4 (Name, Worktime)
VALUES ('Ram', '8');
INSERT INTO table4 (Name, Worktime)
VALUES ('Gokul', '6');
INSERT INTO table4 (Name, Worktime)
VALUES ('Raj', '12');

UPDATE table4
SET Worktime = '9'
WHERE Name = 'Raj';
DELETE FROM table4
```

WHERE Worktime = '8';

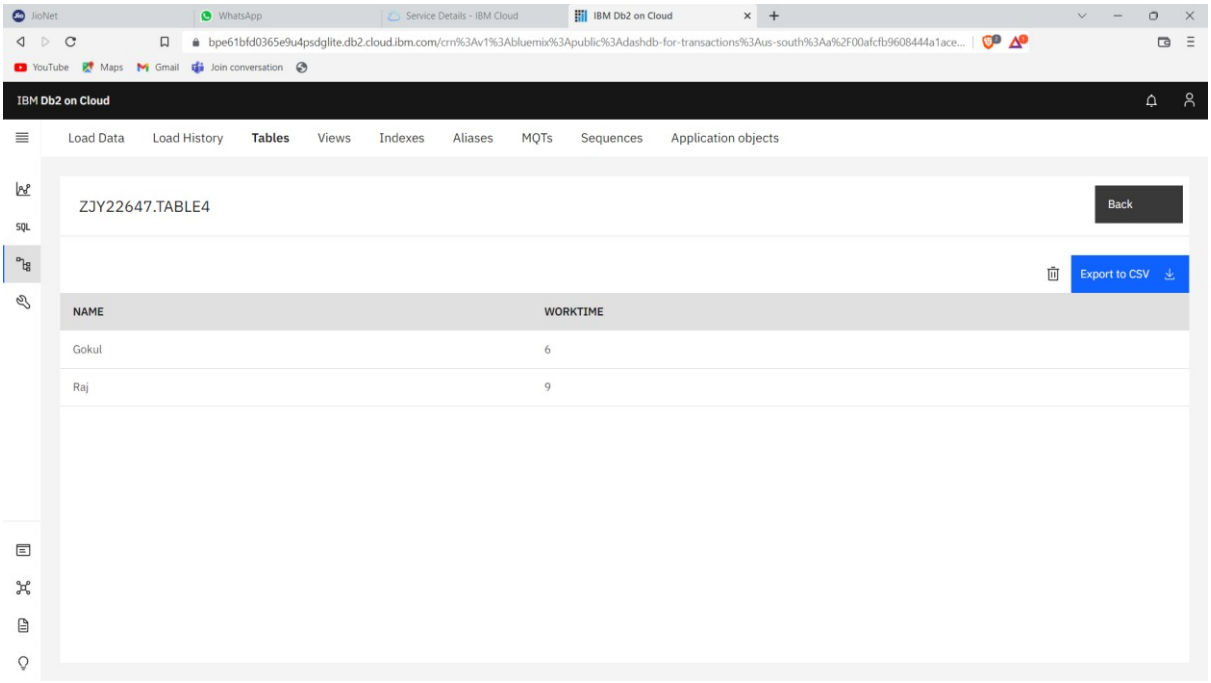


TABLE 5

INSERT INTO table5 (Id, Name)

VALUES ('12', 'raj');

INSERT INTO table5 (Id, Name)

VALUES ('13', 'gokul');

INSERT INTO table5 (Id, Name)

VALUES ('14', 'ram');

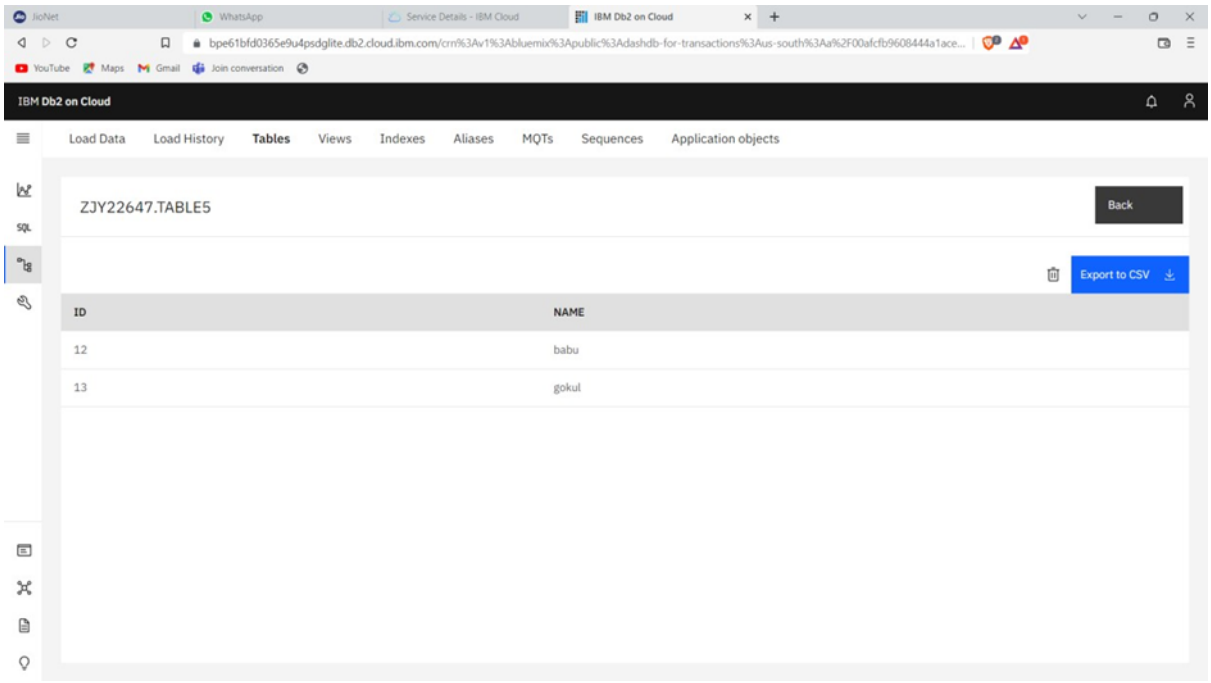
UPDATE table5

SET Name = 'babu'

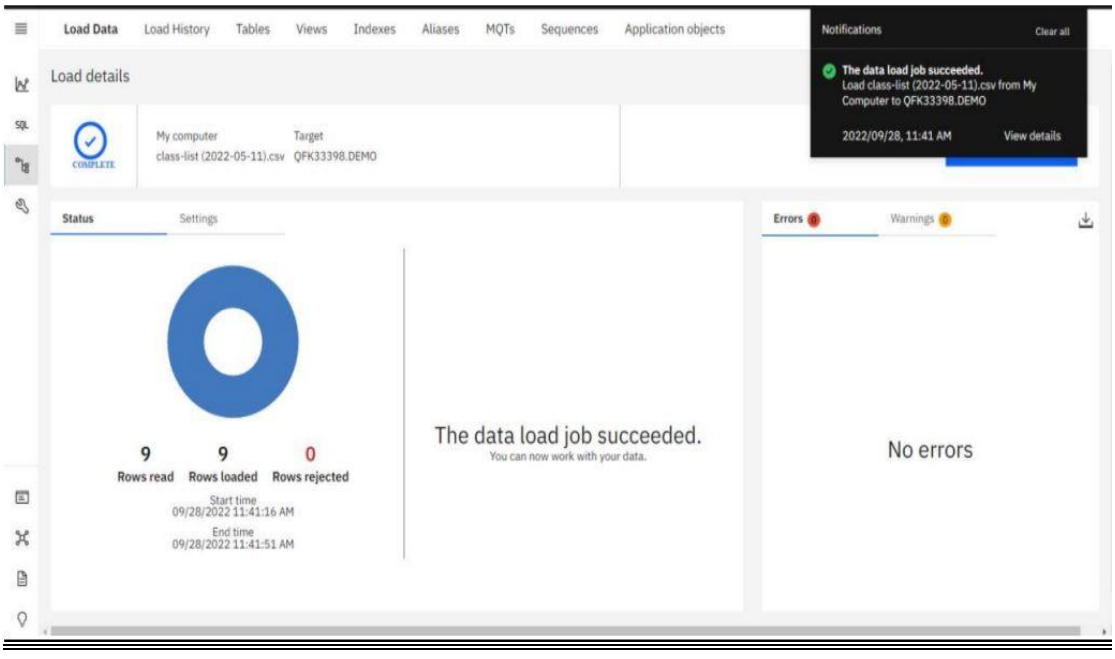
WHERE id = '12';

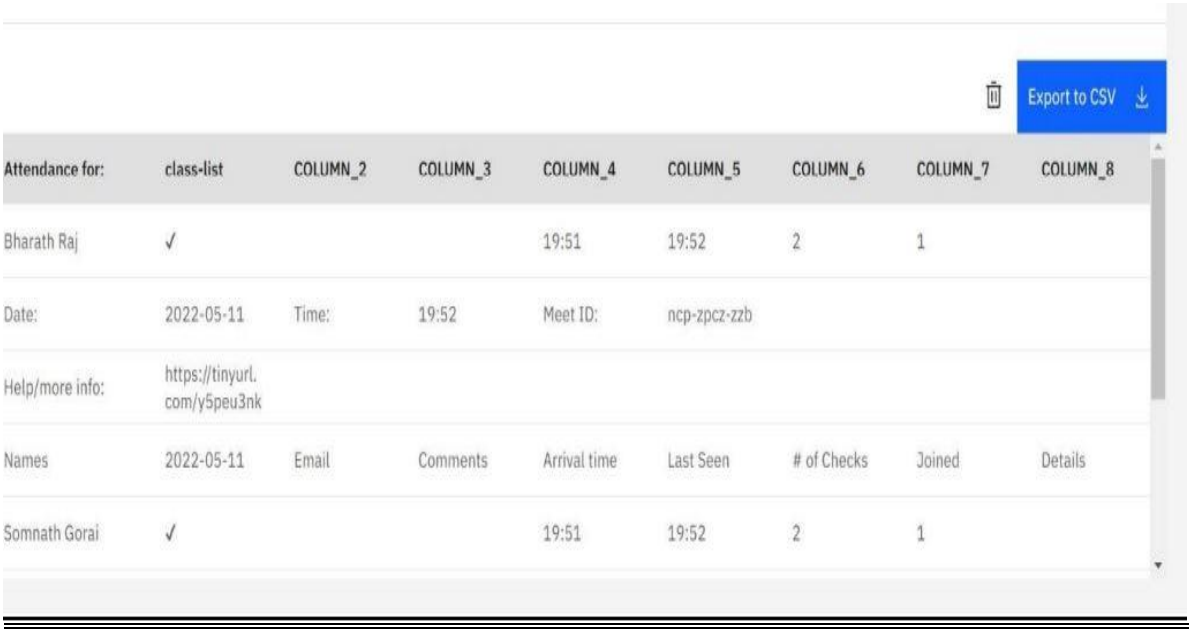
DELETE FROM table5

WHERE Name = 'ram';

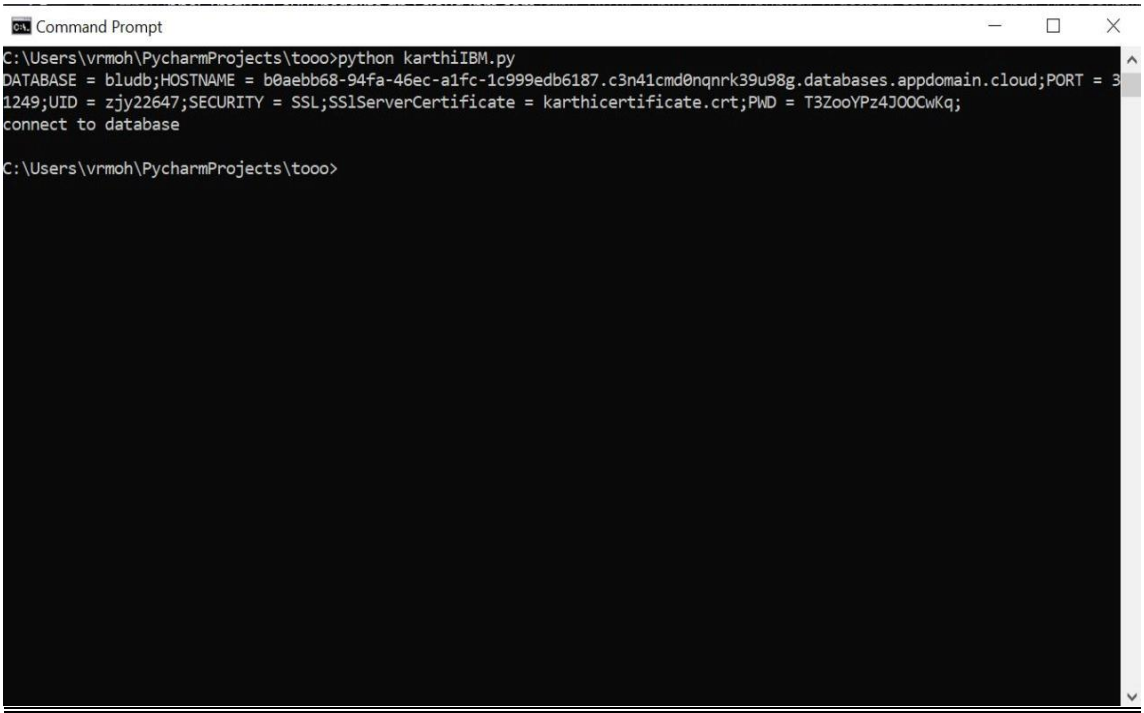


3.LOAD EXCEL COMMA SEPERATED FILE TO db2





4.CONNECT PYTHON TO db2:



```
import ibm_db

hostname = 'b0aebb68-94fa-46ec-a1fc-
1c999edb6187.c3n41cmd0nqnrk39u98g.databases.appdomain.
cloud'

uid = 'zjy22647'

pwd = 'T3ZooYPz4JOOCwKq'

driver = "{IBM DB2 ODBC DRIVER}"

db = 'bludb'

port = '31249'

protocol = 'TCPIP'

cert = 'karthicertificate.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())
```