ASSIGNMENT - 2

TEAM ID : PNT2022TMID19425

PROJECT NAME : PLASMA DONOR APPLICATION

1.CREATE 5 TABLES IN IBM db2 and insert data by using insert query.

TABLE NAMES: EMPLOYEE, STAFF, STUDENT, CUSTOMER, BAND

EMPLOYEE

QUERY:

INSERT INTO EMPLOYEE

VALUES(31, 'RITHIGA', 50000),

(51, 'KALAIYARASI', 30000),

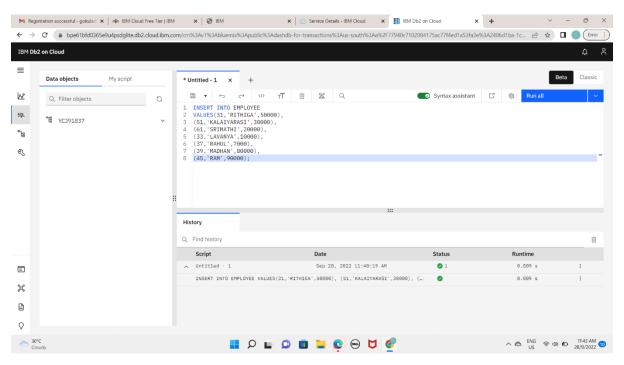
(61, 'SRIMATHI', 20000),

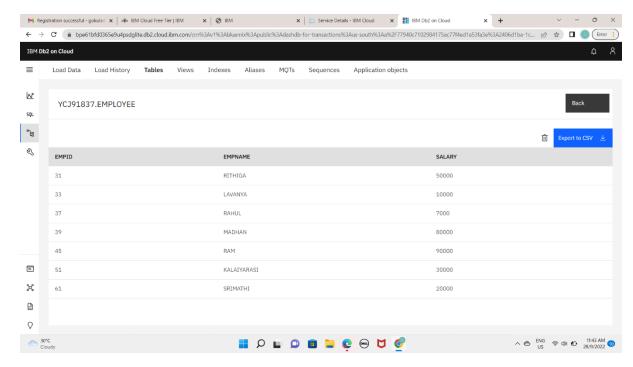
(33, LAVANYA', 10000),

(37, 'RAHUL', 7000),

(39, 'MADHAN', 80000),

(45, 'RAM', 90000);





STAFF

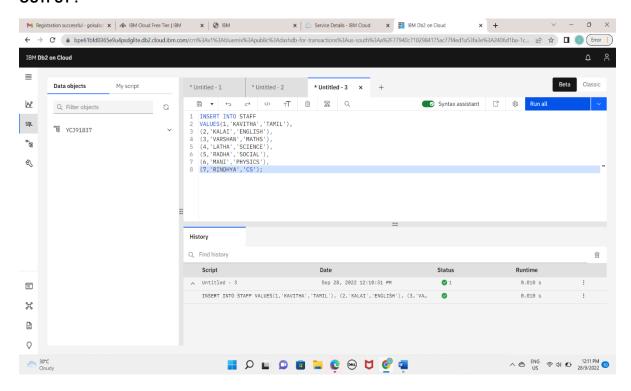
QUERY:

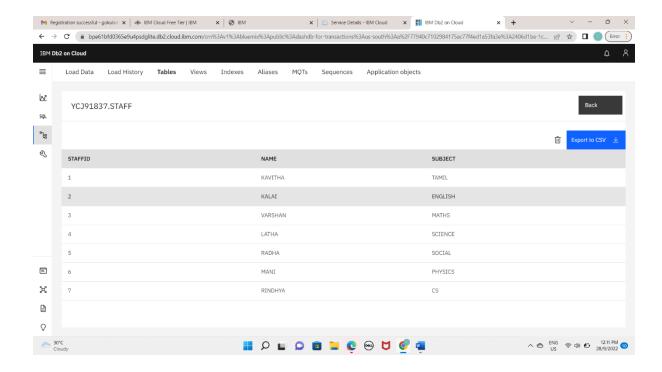
INSERT INTO STAFF

VALUES(1,'KAVITHA','TAMIL'),(2,'KALAI','ENGLISH'),

(3,'VARSHAN','MATHS'),(4,'LATHA','SCIENCE'),

(5, 'RADHA', 'SOCIAL'), (6, 'MANI', 'PHYSICS'), (7, 'RINDHYA', 'CS');



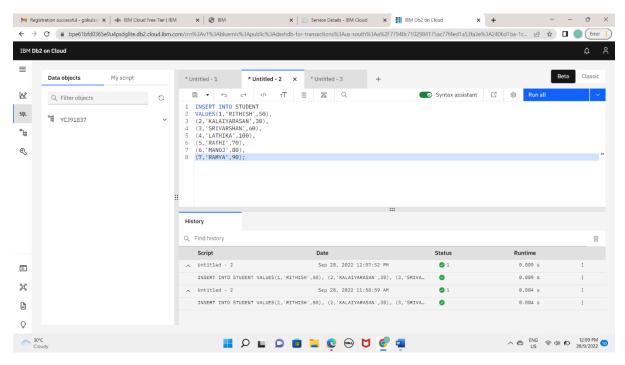


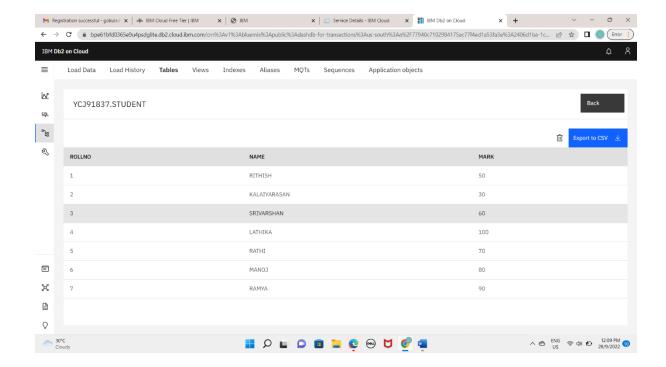
STUDENT

QUERY:

INSERT INTO STUDENT

VALUES(1,'RITHISH',50),(2,'KALAIYARASAN',30),(3,'SRIVARSHAN',60),(4,'LATHIKA',100), (5,'RATHI',70),(6,'MANOJ',80),(7,'RAMYA',90);





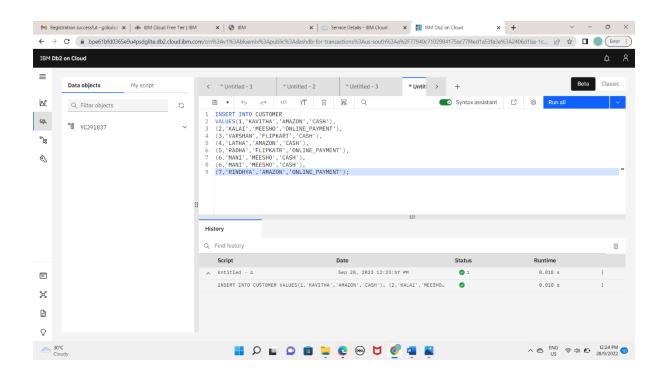
CUSTOMER

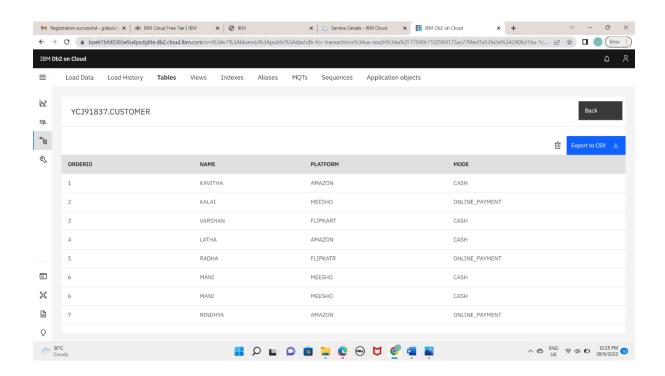
QUERY:

INSERT INTO CUSTOMER

VALUES(1,'KAVITHA','AMAZON','CASH'),

- (2,'KALAI','MEESHO','ONLINE_PAYMENT'),
- (3,'VARSHAN','FLIPKART','CASH'),
- (4,'LATHA','AMAZON','CASH'),
- (5,'RADHA','FLIPKATR','ONLINE_PAYMENT'),
- (6,'MANI','MEESHO','CASH'),
- (6,'MANI','MEESHO','CASH'),
- (7,'RINDHYA','AMAZON','ONLINE_PAYMENT');





BAND

QUERY:

INSERT INTO BAND

VALUES(1,'BTS',7),

(2,'EXO',5),

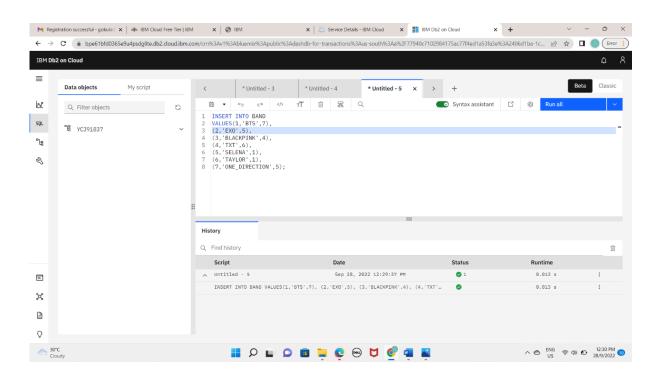
(3,'BLACKPINK',4),

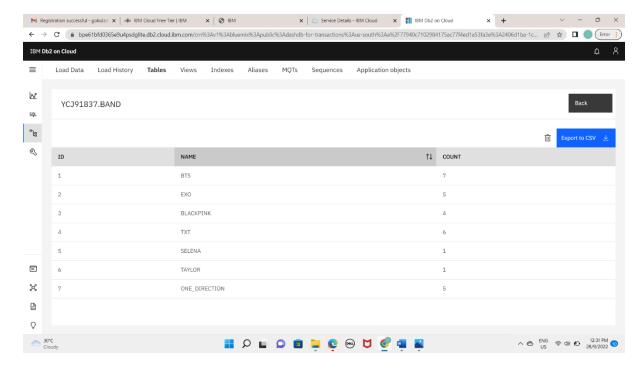
(4,'TXT',6),

(5,'SELENA',1),

(6,'TAYLOR',1),

(7,'ONE_DIRECTION',5);





2.PERFORM UPDATE, DELETE QUERIES in 5 tables:

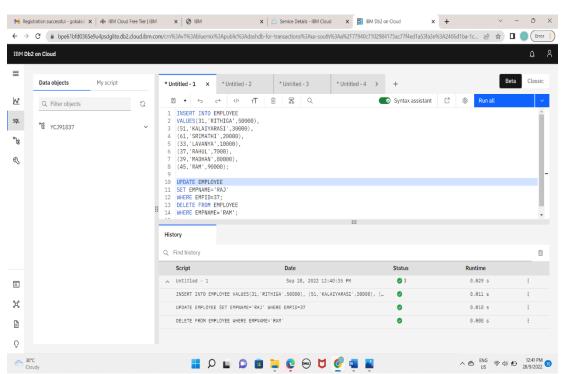
EMPLOYEE QUERY:

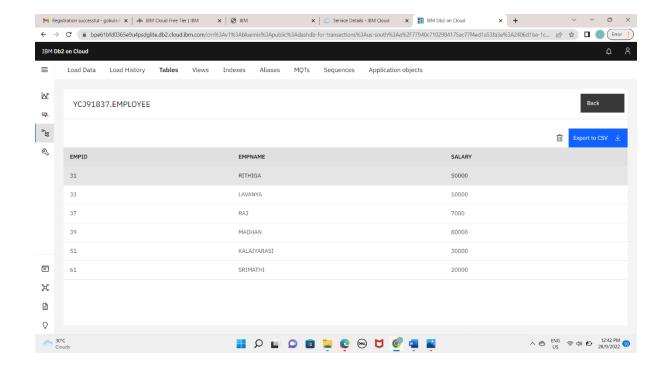
UPDATE EMPLOYEE

SET EMPNAME='RAJ' WHERE EMPID=37;

DELETE FROM EMPLOYEE

WHERE EMPNAME='RAM';





STAFF QUERY:

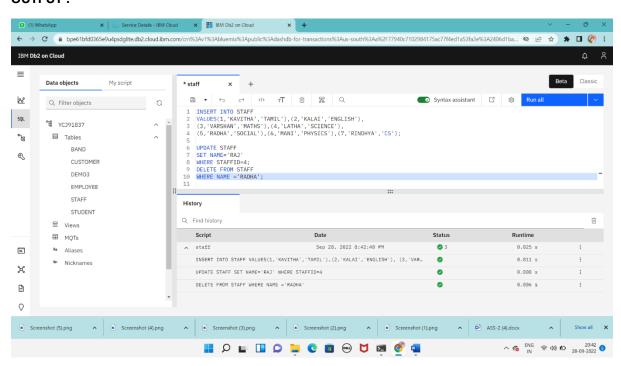
UPDATE STAFF

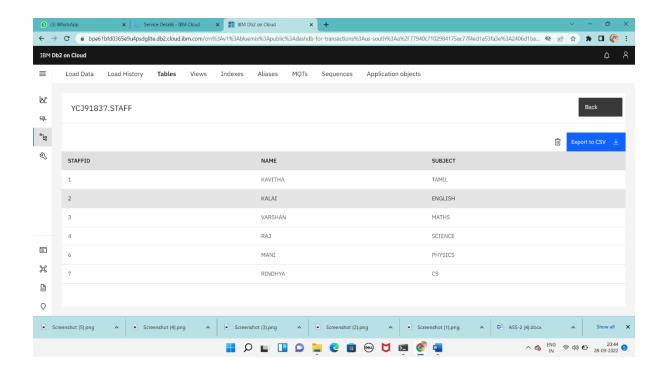
SET NAME='RAJ'

WHERE STAFFID=4;

DELETE FROM STAFF

WHERE NAME ='RADHA';





STUDENT QUERY:

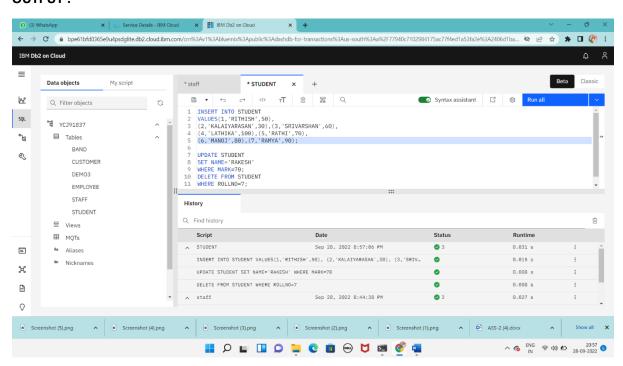
UPDATE STUDENT

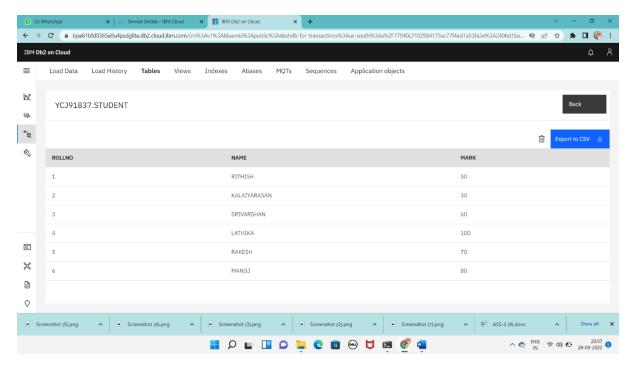
SET NAME='RAKESH'

WHERE MARK=70;

DELETE FROM STUDENT

WHERE ROLLNO=7;





CUSTOMER QUERY:

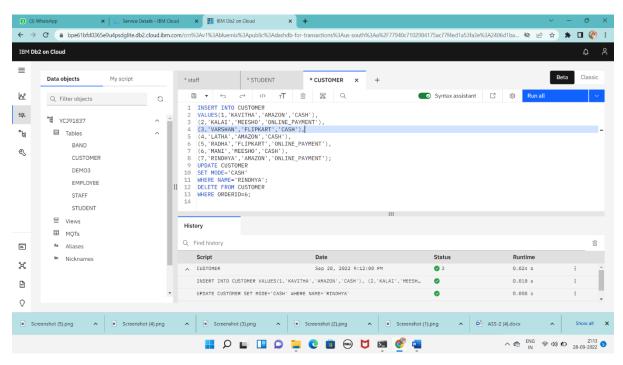
UPDATE CUSTOMER

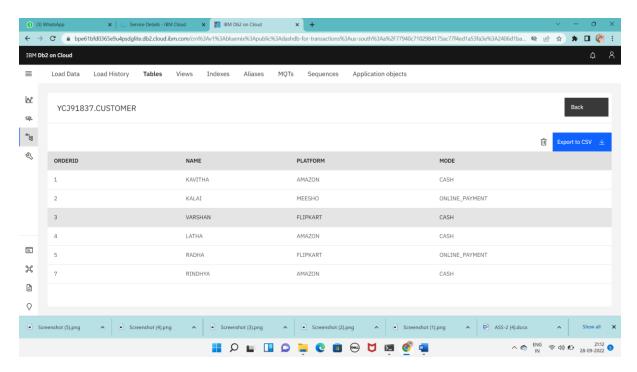
SET MODE='CASH'

WHERE NAME='RINDHYA';

DELETE FROM CUSTOMER

WHERE ORDERID=6;





BAND QUERY:

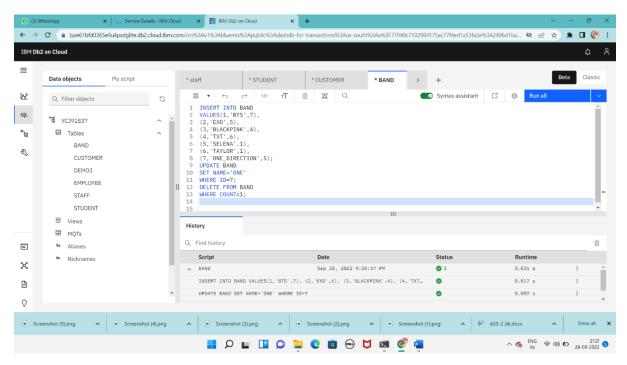
UPDATE STUDENT

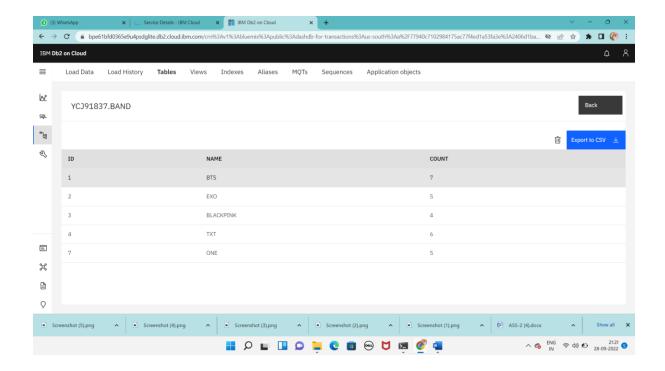
SET NAME='RAKESH'

WHERE MARK=70;

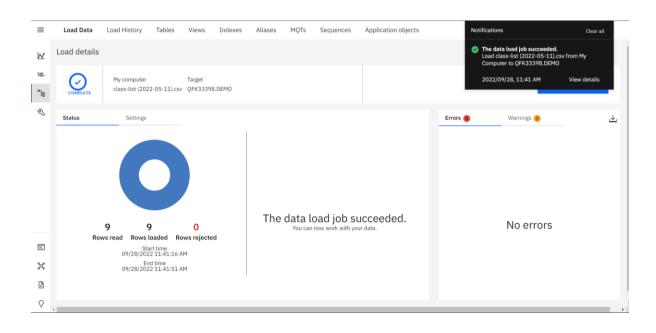
DELETE FROM STUDENT

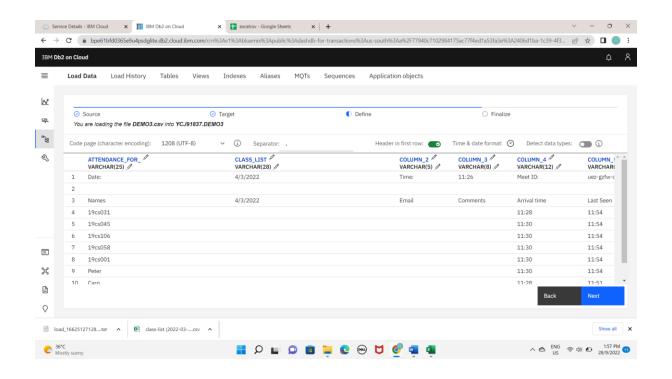
WHERE ROLLNO=7;

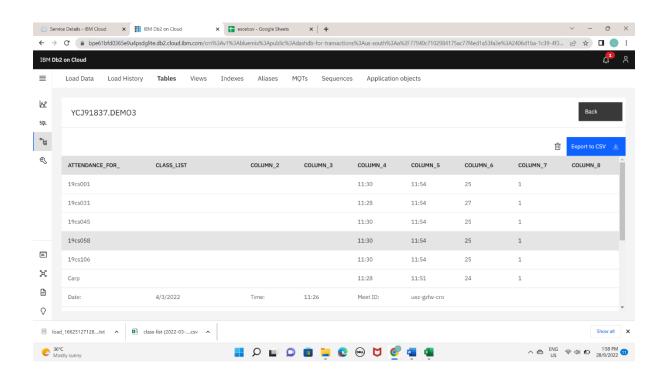




3. LOAD EXCEL COMMA SEPARATED FILE TO db2.







4. CONNECT PYTHON TO db2.

```
ASS-Appyler Notetoook X Assignable

ASS-Appyler Notetoook X Decades Assignable

Support ibm. do in the seconds apo (unsaved changes)

File Edit Vew Immart Cell Kernel Widgets Help

Trusted Python 3 O

Trusted Python 4 O

Trust
```

CODE:

```
import ibm_db
hostname = '9938aec0-8105-433e-8bf9-
Ofbb7e483086.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;"
  "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())
```