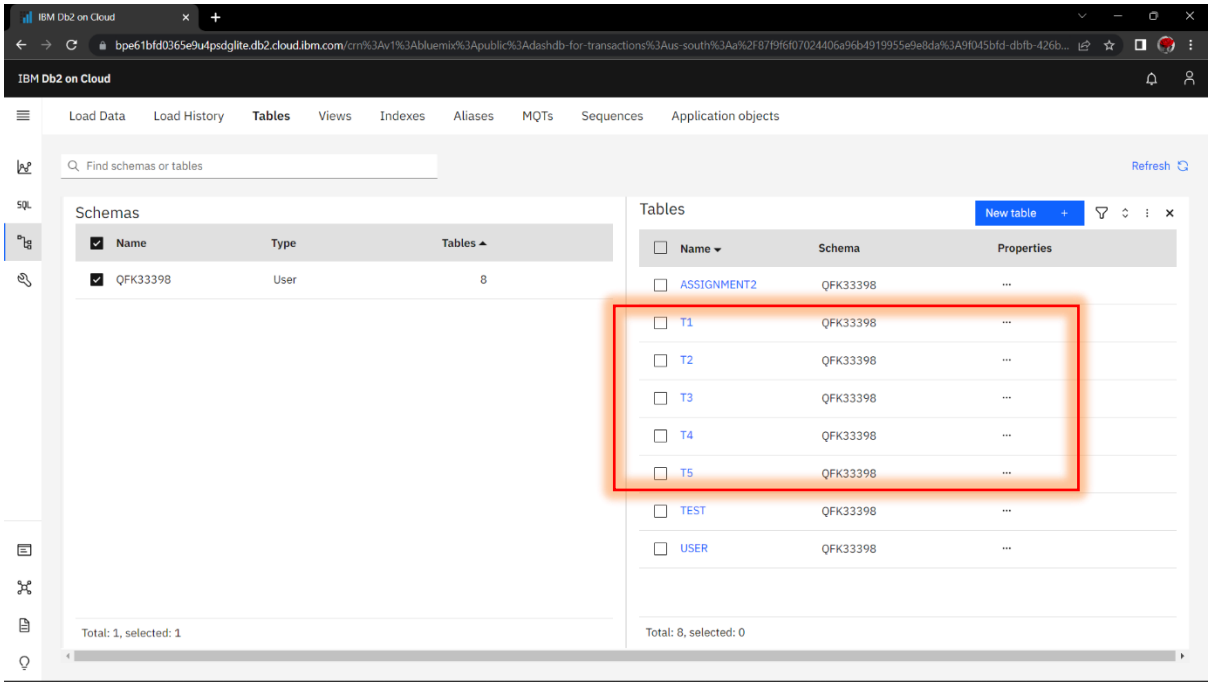
ASSIGNMENT - 2

TEAM ID : PNT2022TMID19425

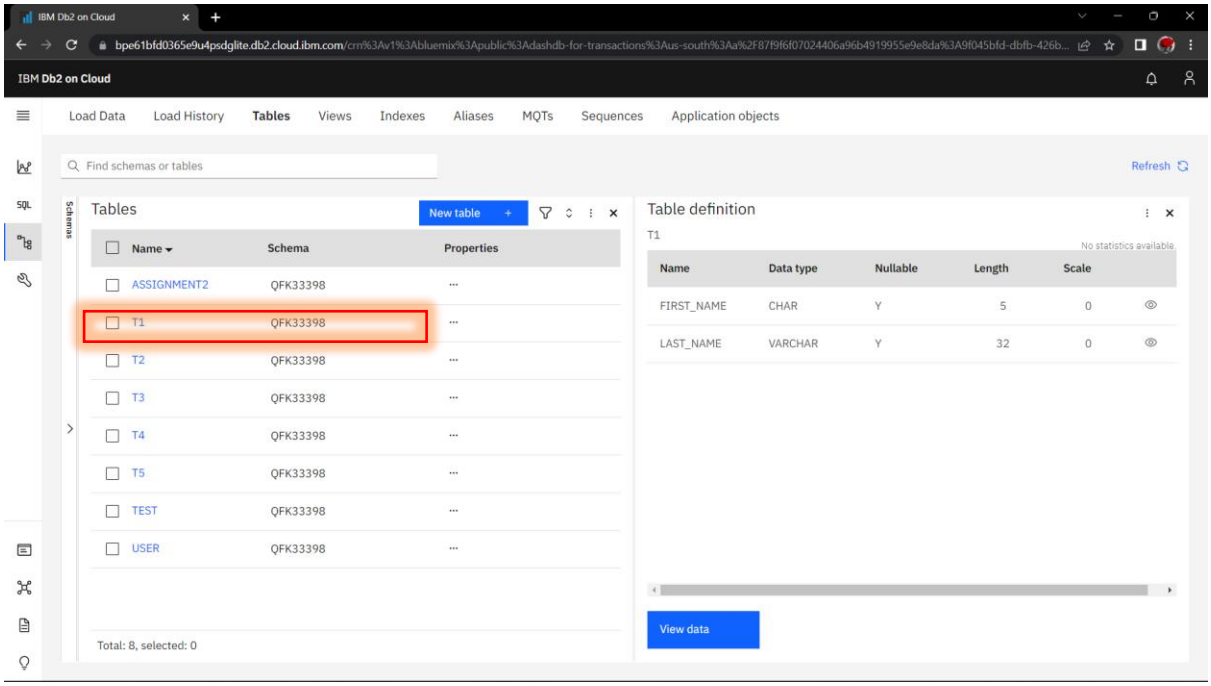
PROJECT NAME : SMART FASHION RECOMMENDER APPLICATION

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

TABLE NAMES : T1 , T2 , T3 ,T4 ,T5.

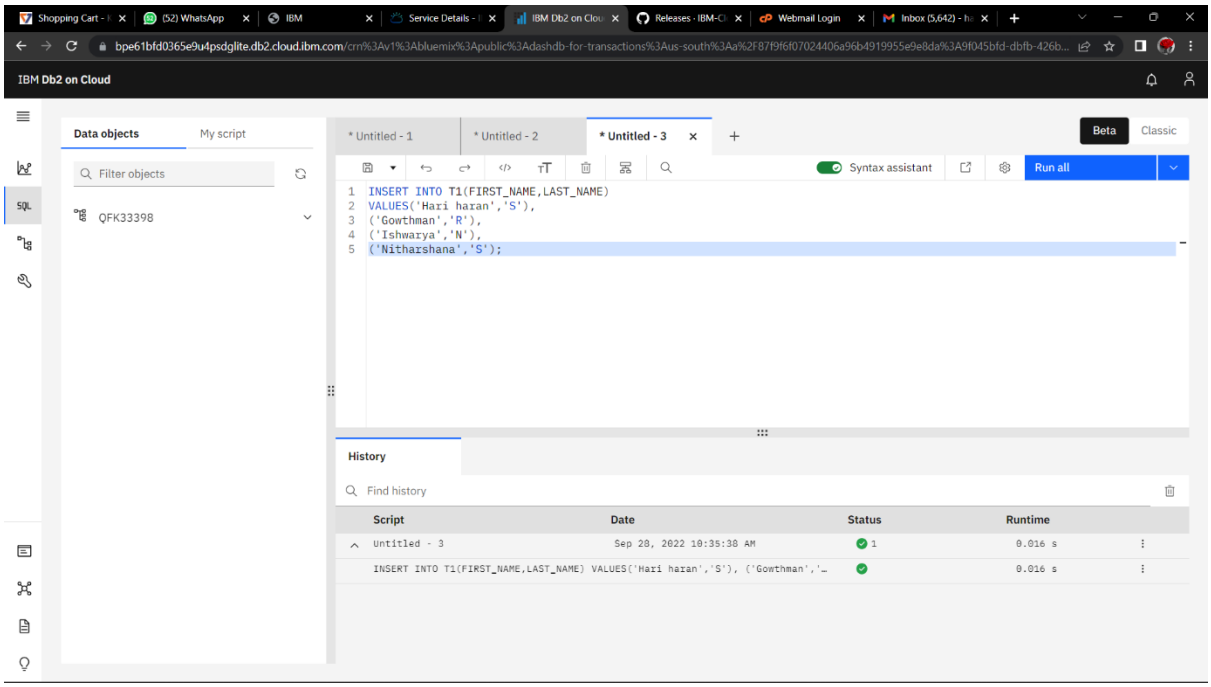


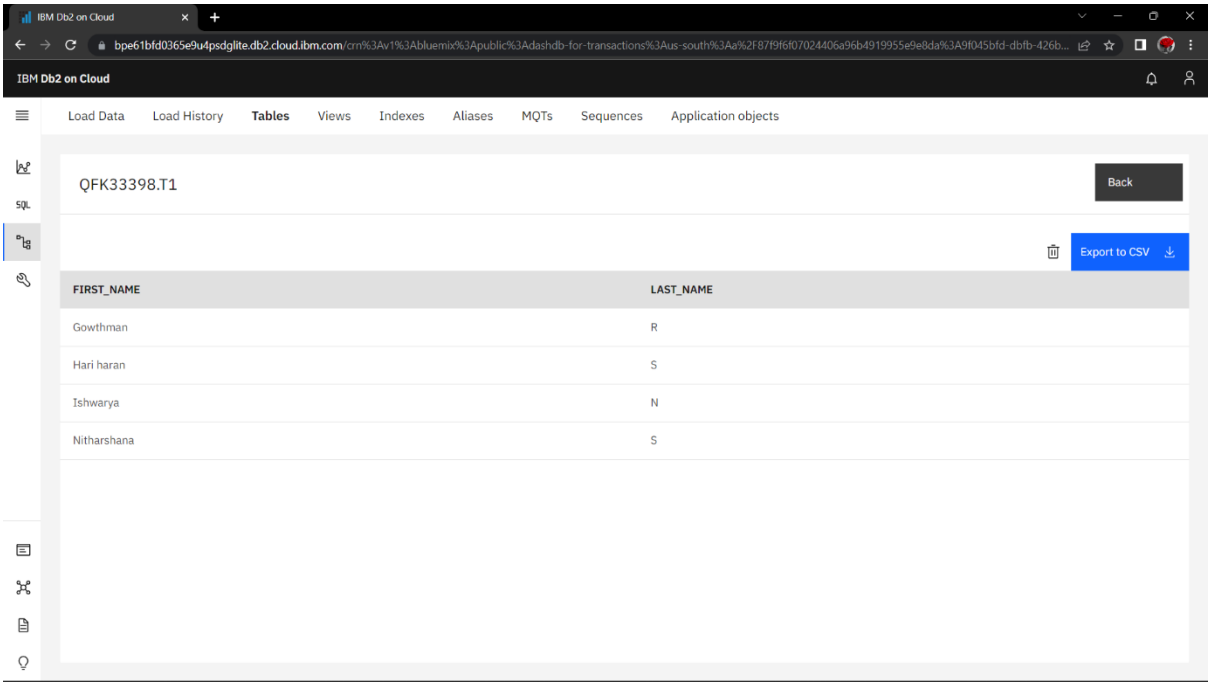
T1:



QUERY :

```
INSERT INTO T1(FIRST_NAME,LAST_NAME)
VALUES('Hari haran','S'),
('Gowthman','R'),
('Ishwarya','N'),
('Nitharshana','S');
```

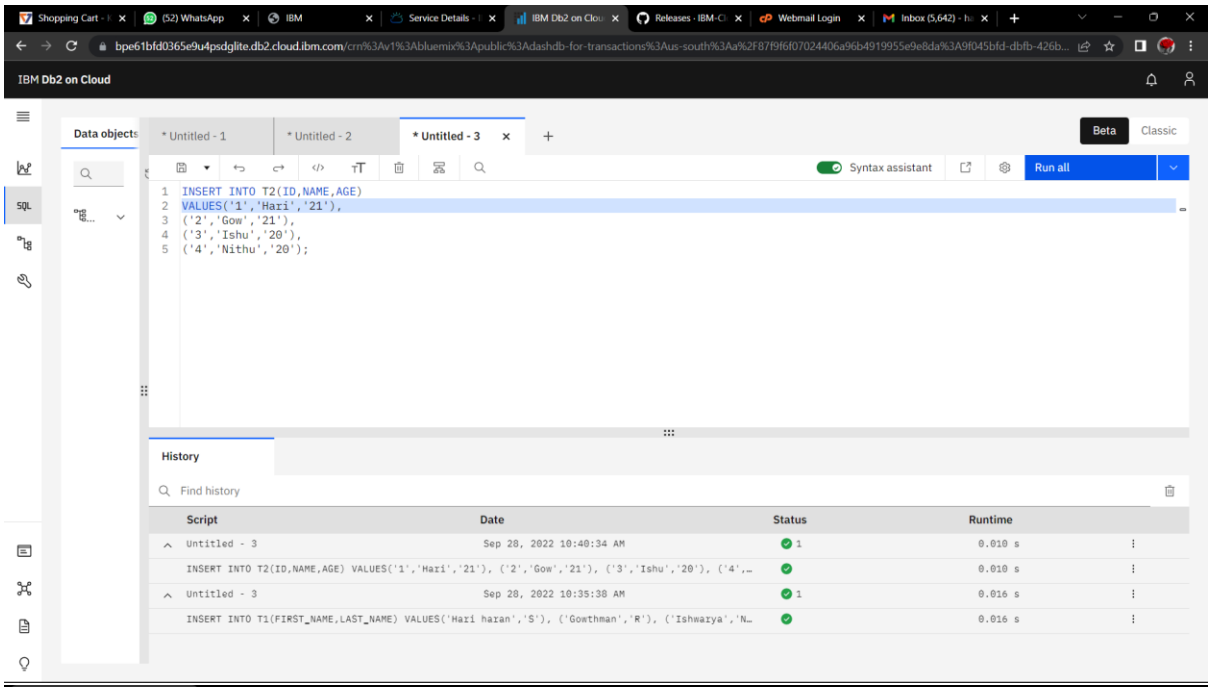


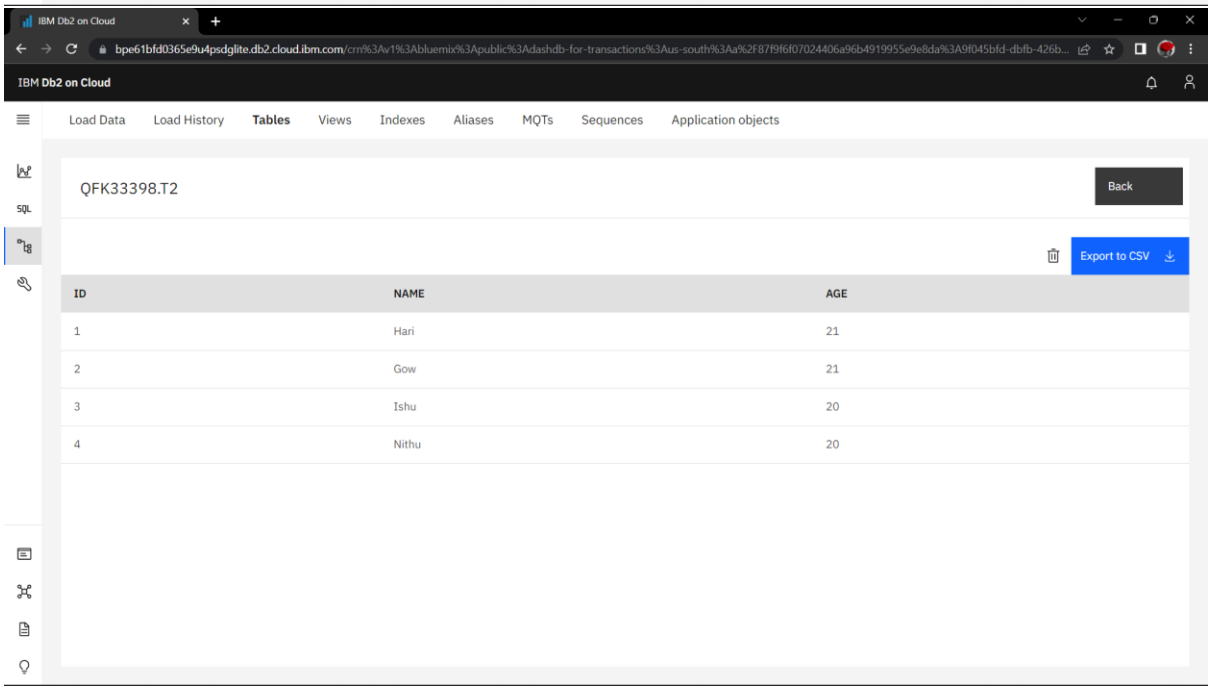


T2:

QUERY:

```
INSERT INTO T2(ID,NAME,AGE)
VALUES('1','Hari','21'),
('2','Gow','21'),
('3','Ishu','20'),
('4','Nithu','20');
```

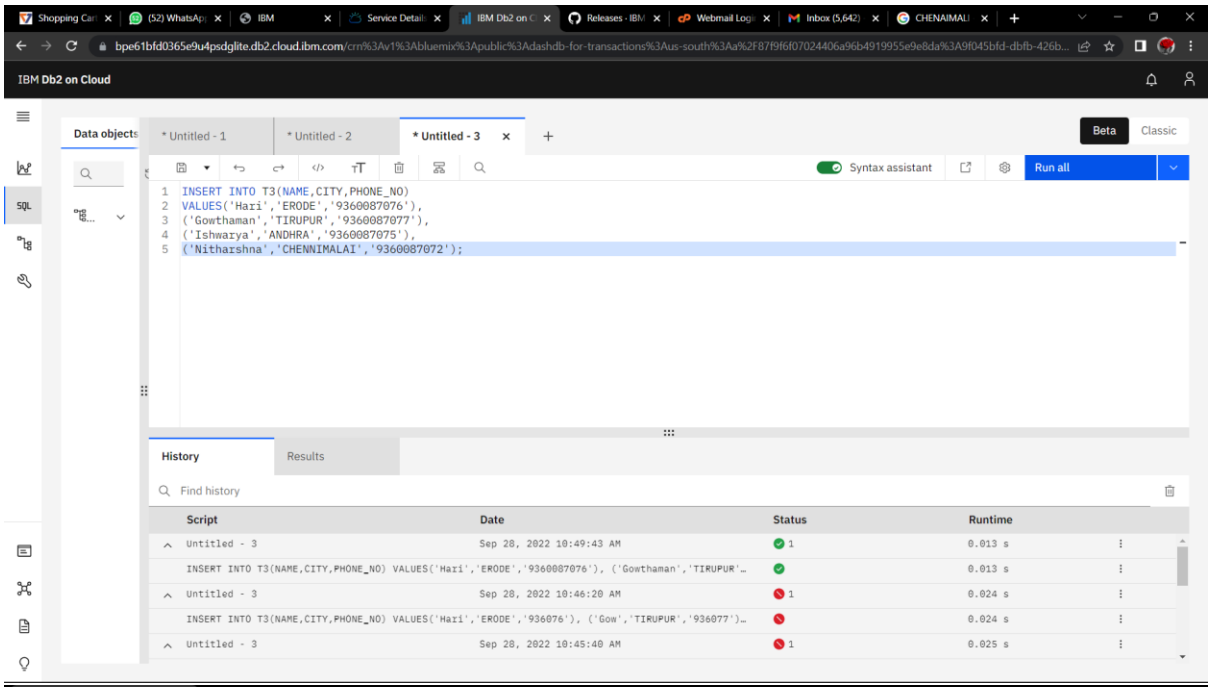


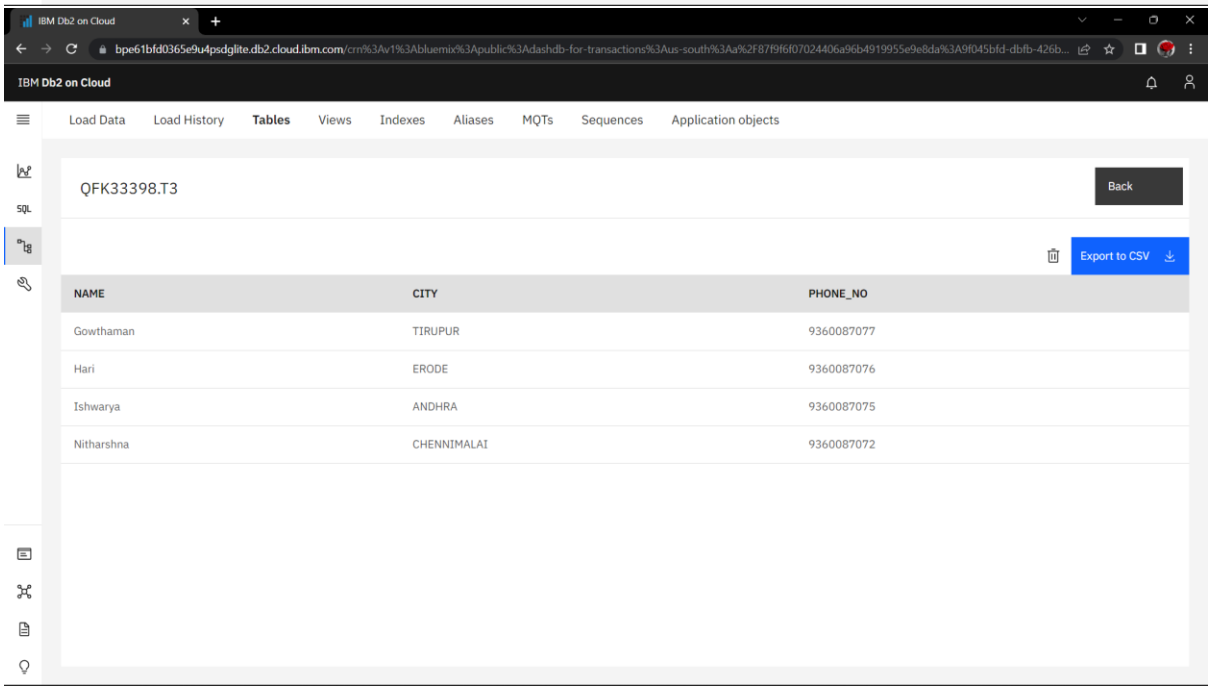


T3 :

QUERY :

```
INSERT INTO T3(NAME,CITY,PHONE_NO)
VALUES('Hari','ERODE','9360087076'),
('Gowthaman','TIRUPUR','9360087077'),
('Ishwarya','ANDHRA','9360087075'),
('Nitharshna','CHENNIMALAI','9360087072');
```

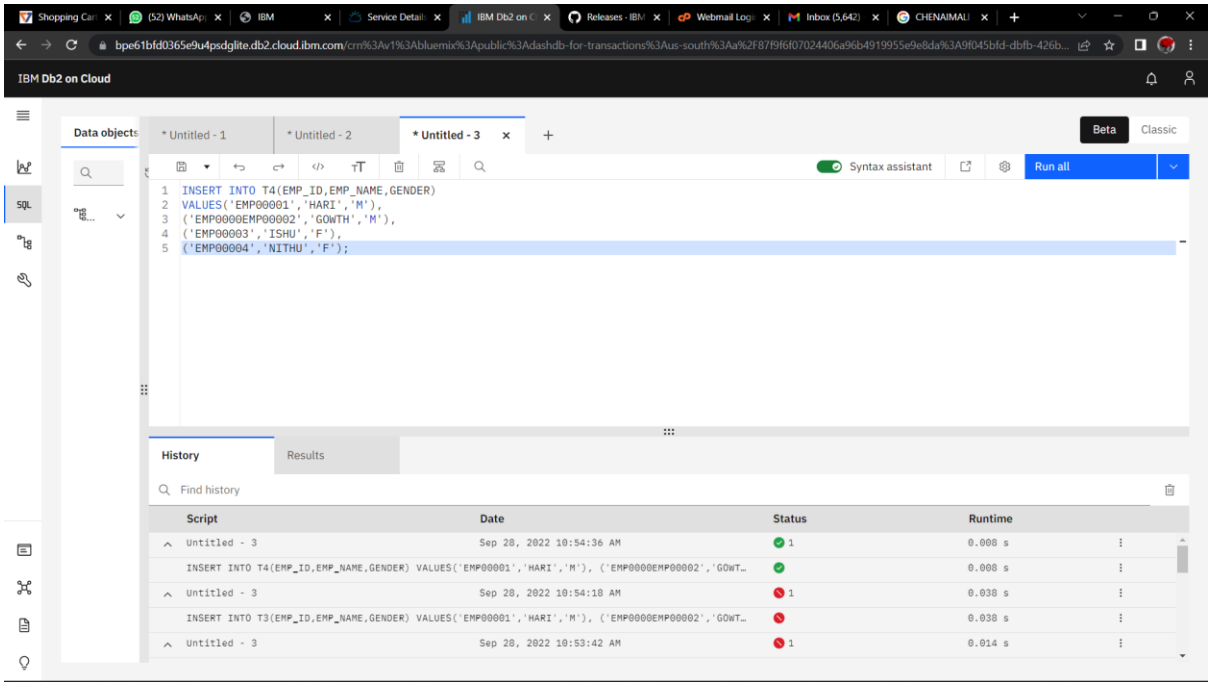


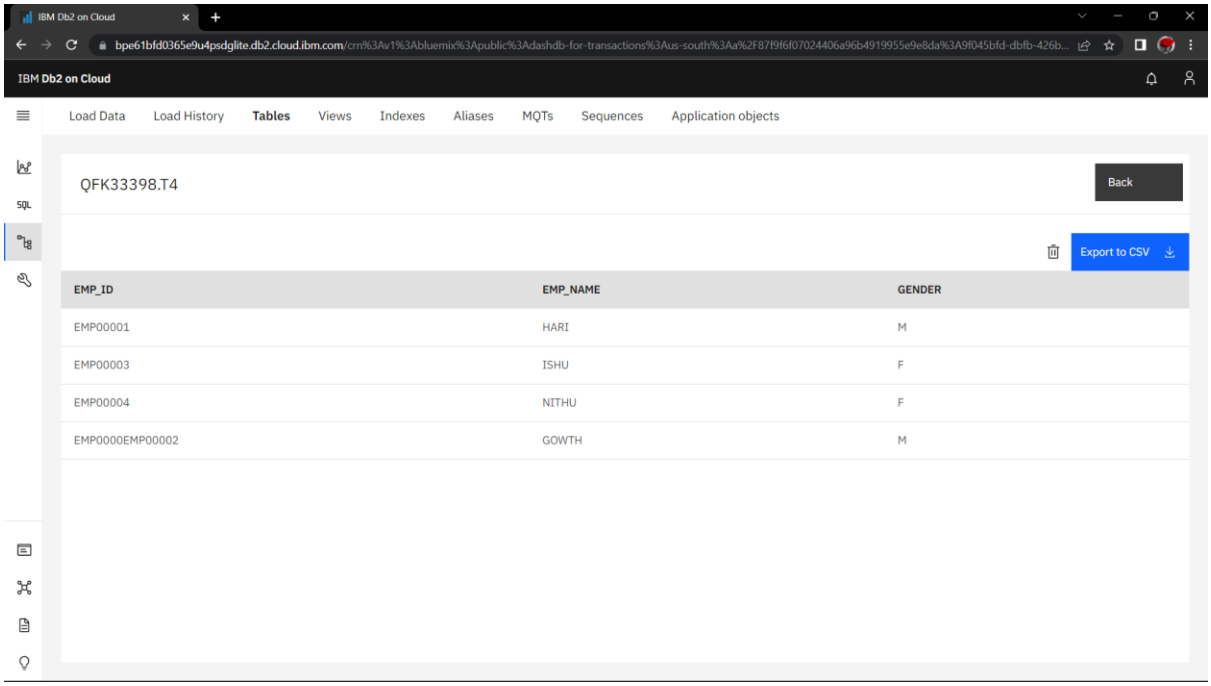


T4:

QUERY:

```
INSERT INTO T4(EMP_ID,EMP_NAME,GENDER)
VALUES('EMP00001','HARI','M'),
('EMP0000EMP00002','GOWTH','M'),
('EMP00003','ISHU','F'),
('EMP00004','NITHU','F');
```

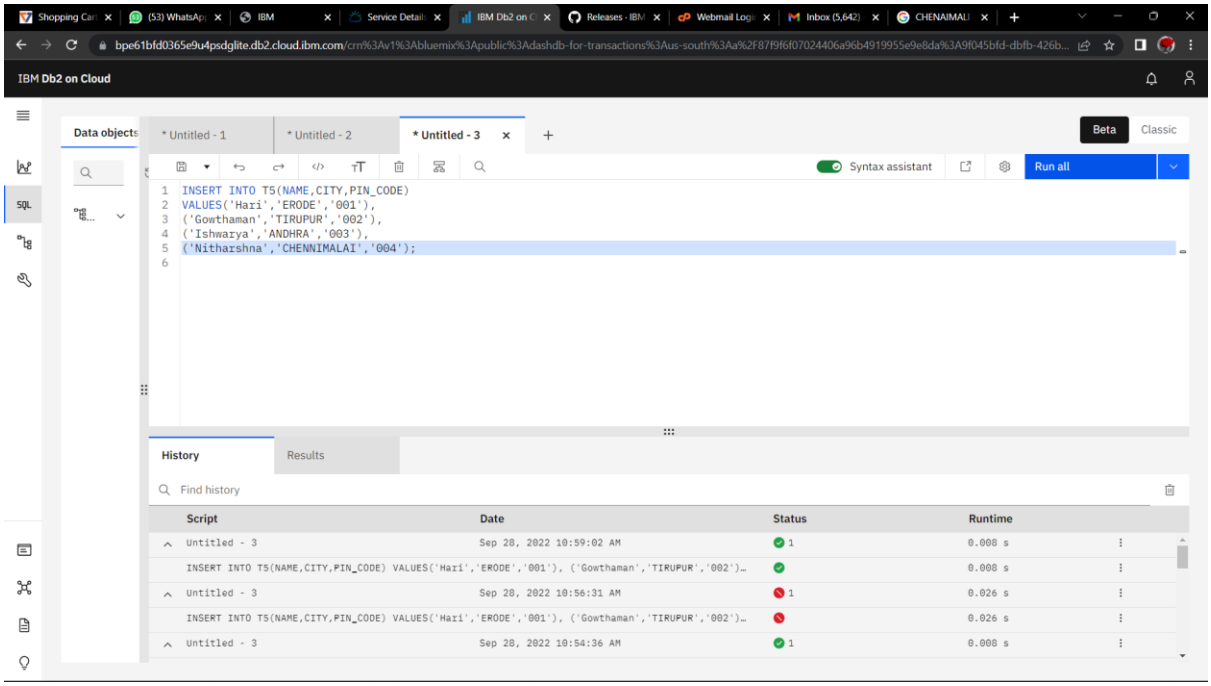


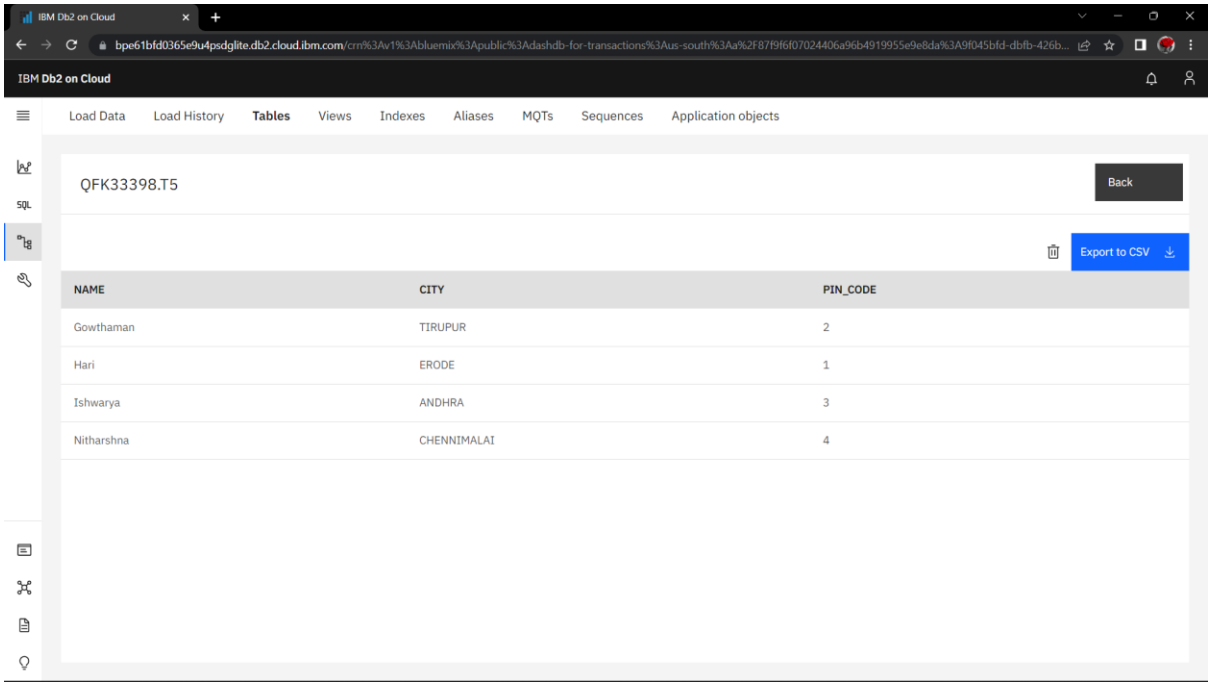


T5:

QUERY :

```
INSERT INTO T5(NAME,CITY,PIN_CODE)
VALUES('Hari','ERODE','001'),
('Gowthaman','TIRUPUR','002'),
('Ishwarya','ANDHRA','003'),
('Nitharshna','CHENNIMALAI','004');
```




IBM Db2 on Cloud
bpe61bfd0365e9u4psdglite.db2.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aus-south%3Aa%2F87f9f6f07024406a96b4919955e9e8da%3A9f045bfd-dbfb-426b...
IBM Db2 on Cloud
Load Data
Load History
Tables
Views
Indexes
Aliases
MQTs
Sequences
Application objects
SQL
QFK33398.T5
Back
Export to CSV
NAME
CITY
PIN_CODE
Gowthaman
TIRUPUR
2
Hari
ERODE
1
Ishwarya
ANDHRA
3
Nitharshna
CHENNIMALAI
4

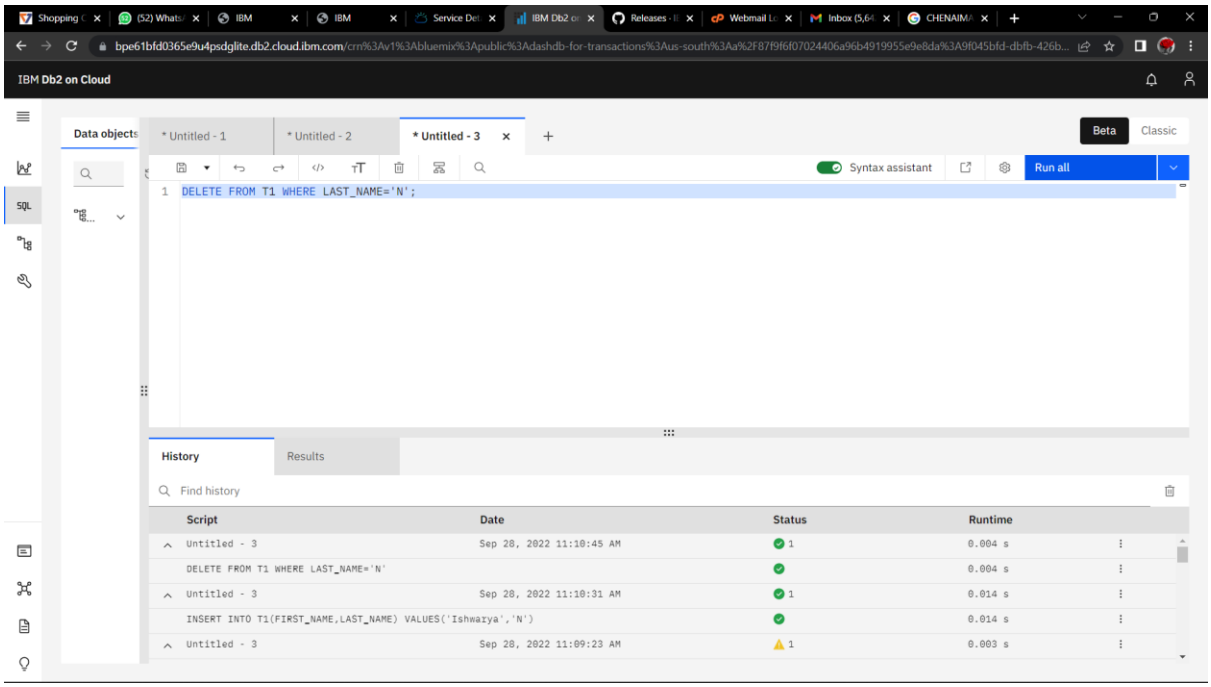
2.PERFORM UPDATE , DELETE QUERIES in 5 tables:

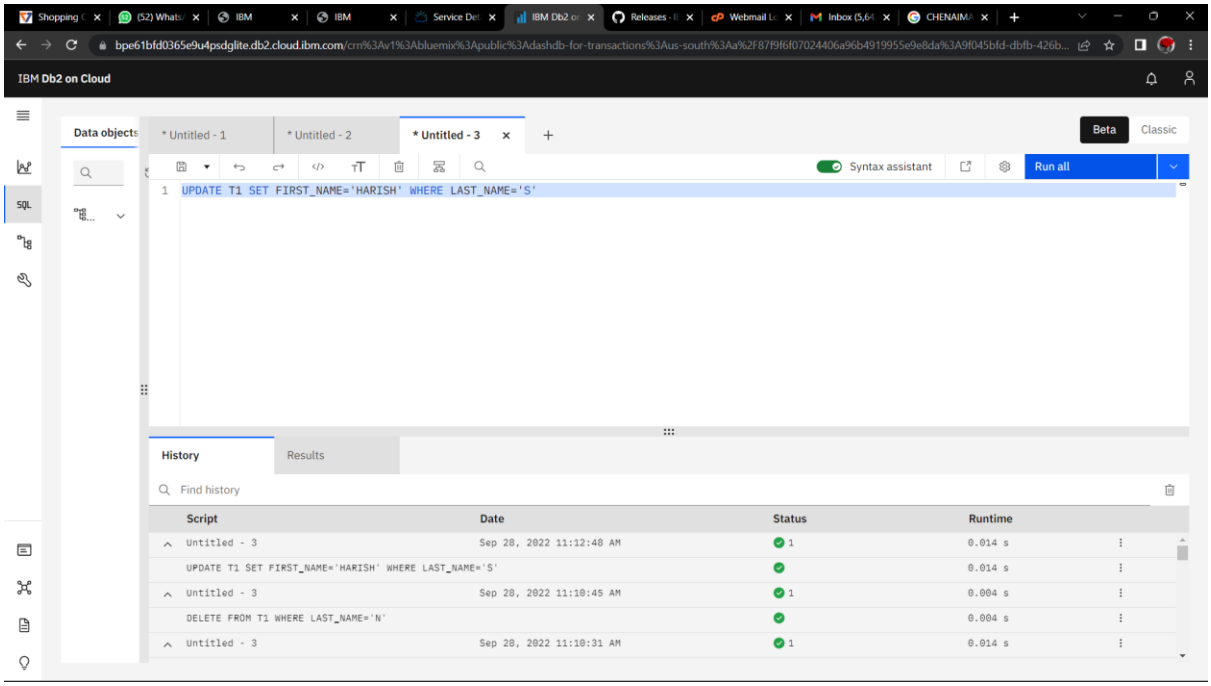
T1 :

QUERY :

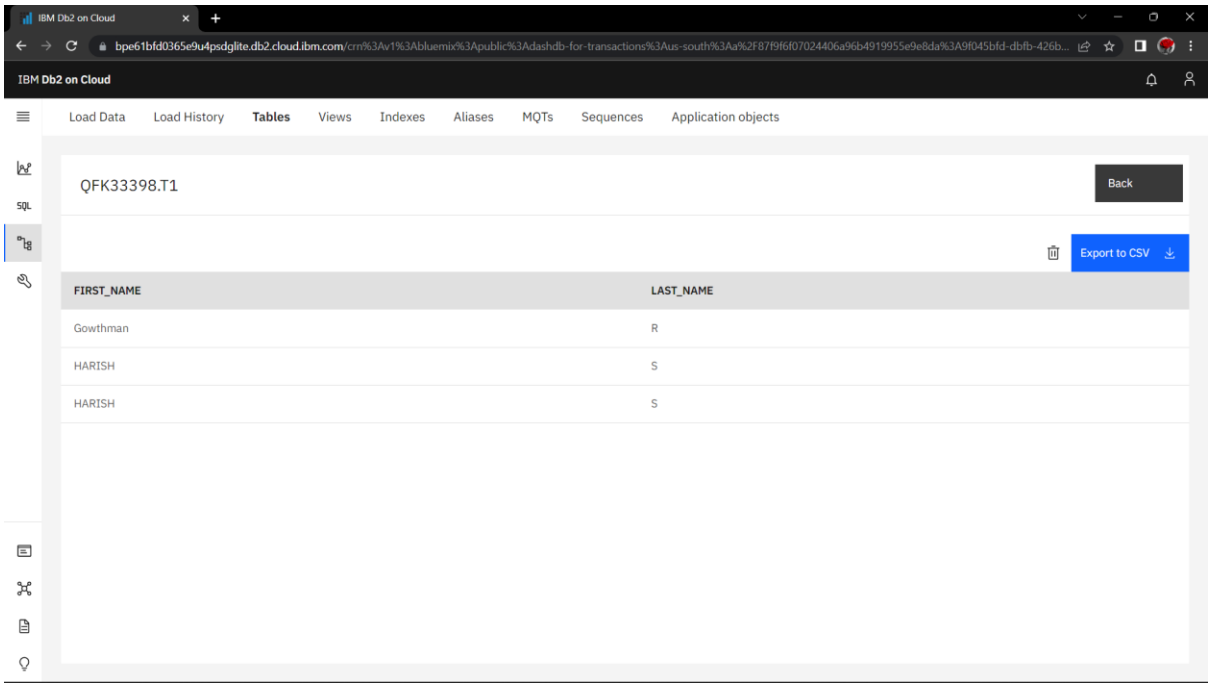
DELETE FROM T1 WHERE LAST_NAME='N';

UPDATE T1 SET FIRST_NAME='HARISH' WHERE LAST_NAME='S'





AFTER DELETING AND UPDATING IN T1:

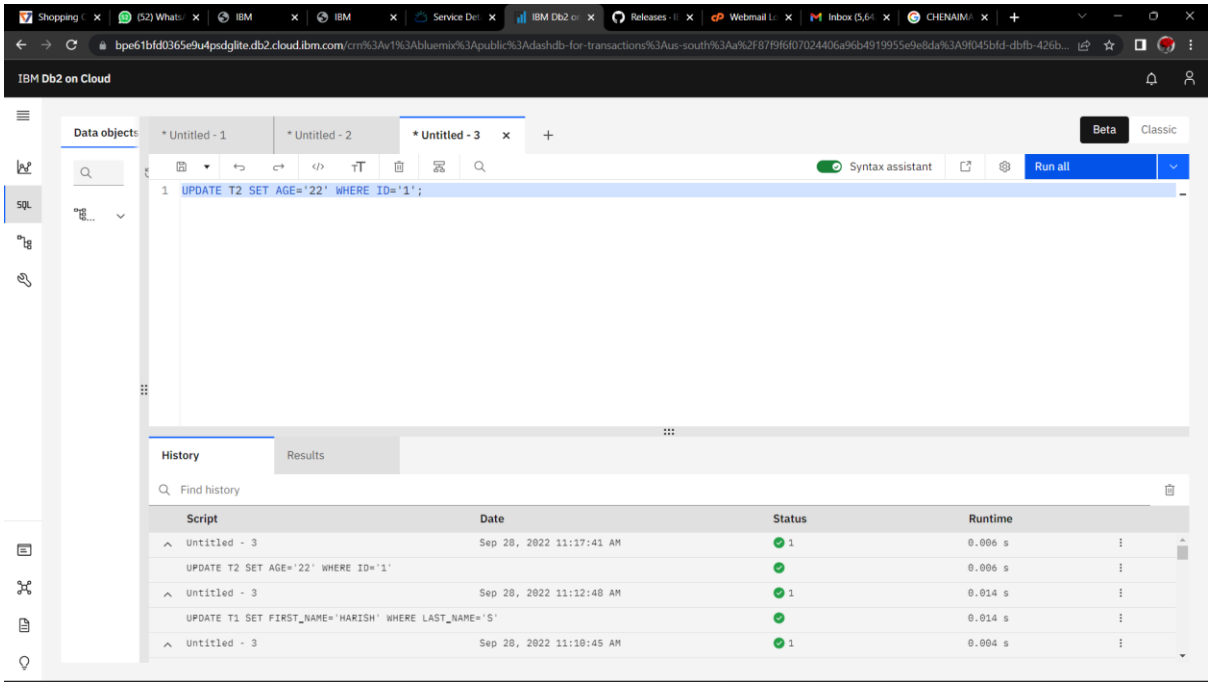


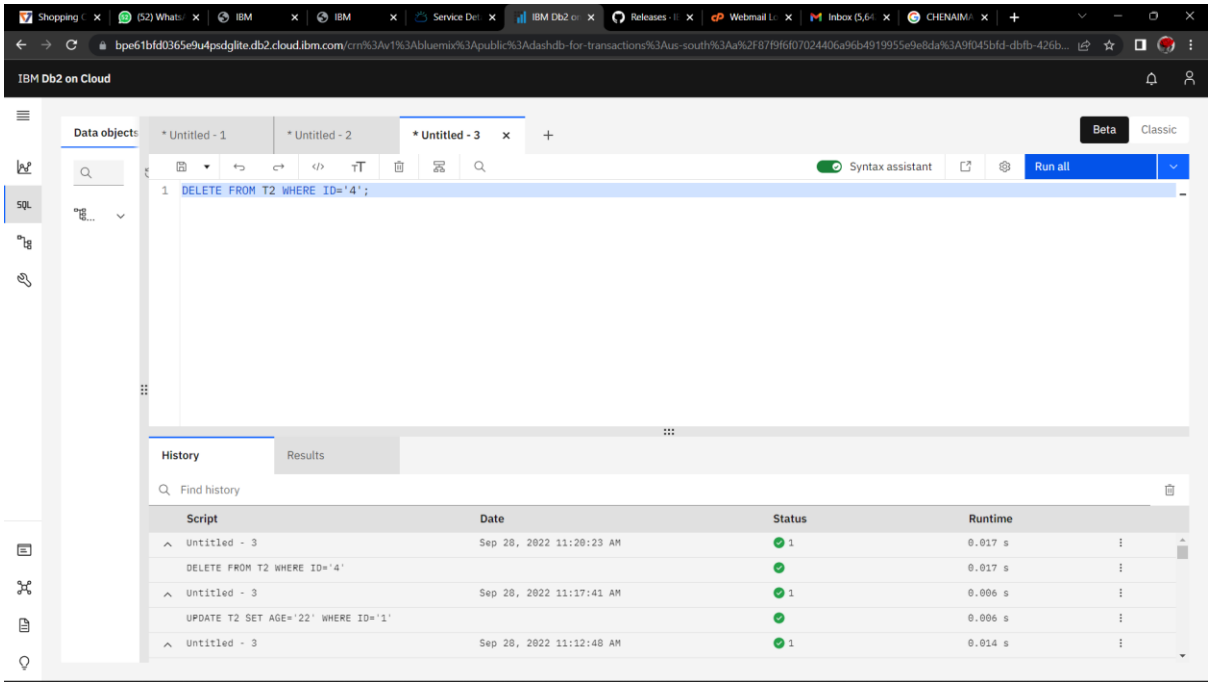
T2 :

QUERY:

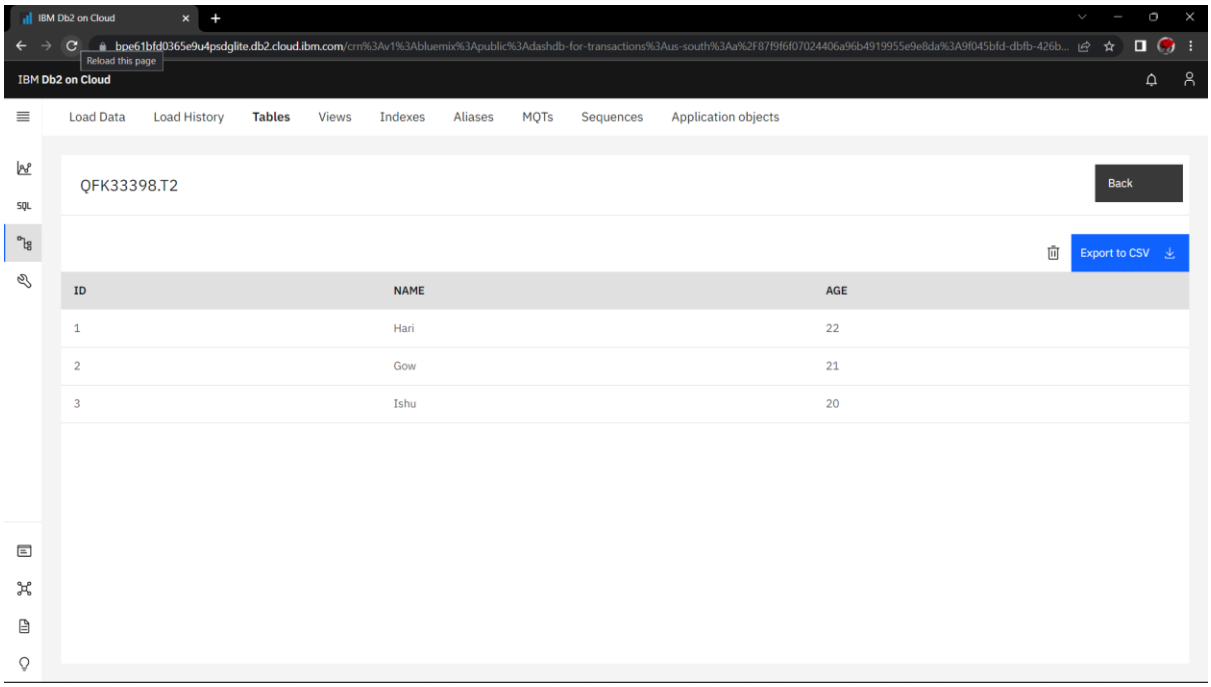
UPDATE T2 SET AGE='22' WHERE ID='1';

DELETE FROM T2 WHERE ID='4';





AFTER DELETING AND UPDATING IN T2:

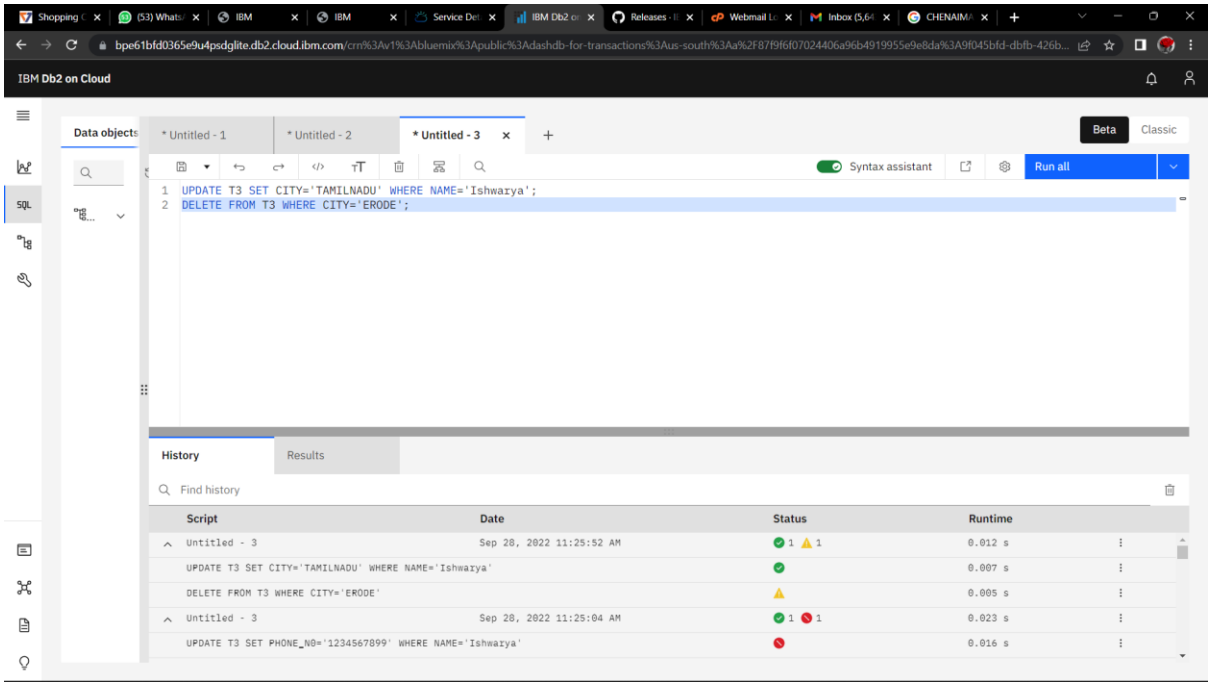


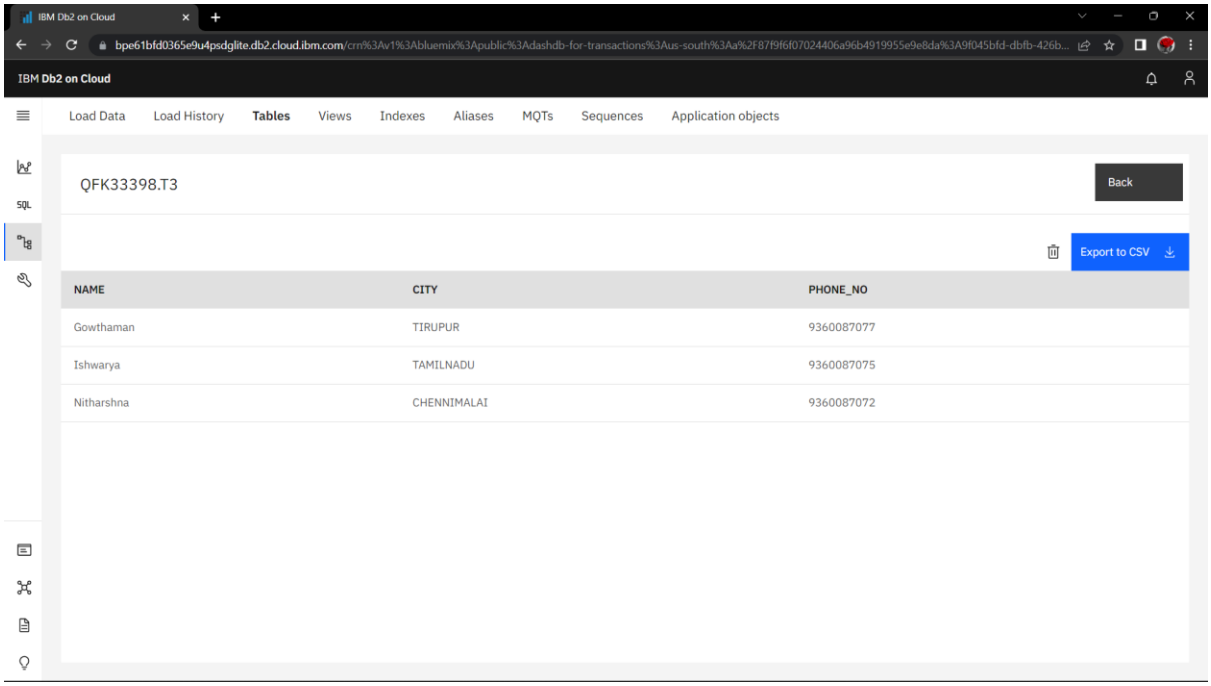
T3 :

QUERY:

UPDATE T3 SET CITY='TAMILNADU' WHERE NAME='Ishwarya';

DELETE FROM T3 WHERE CITY='ERODE';



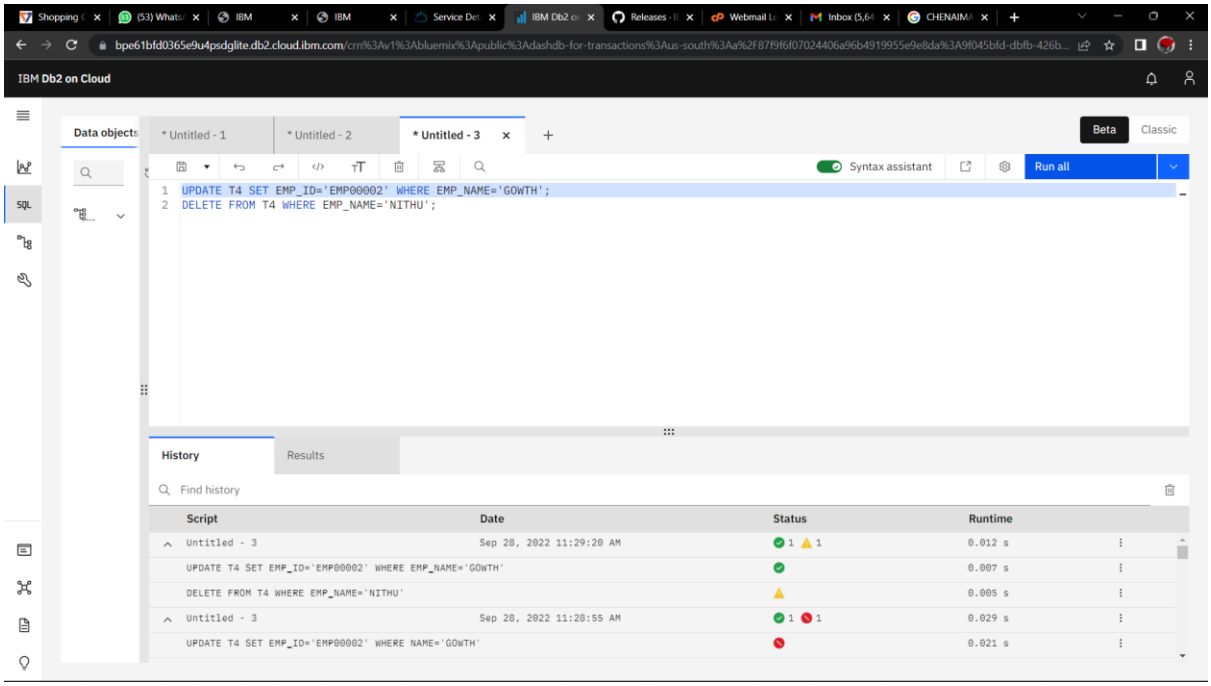


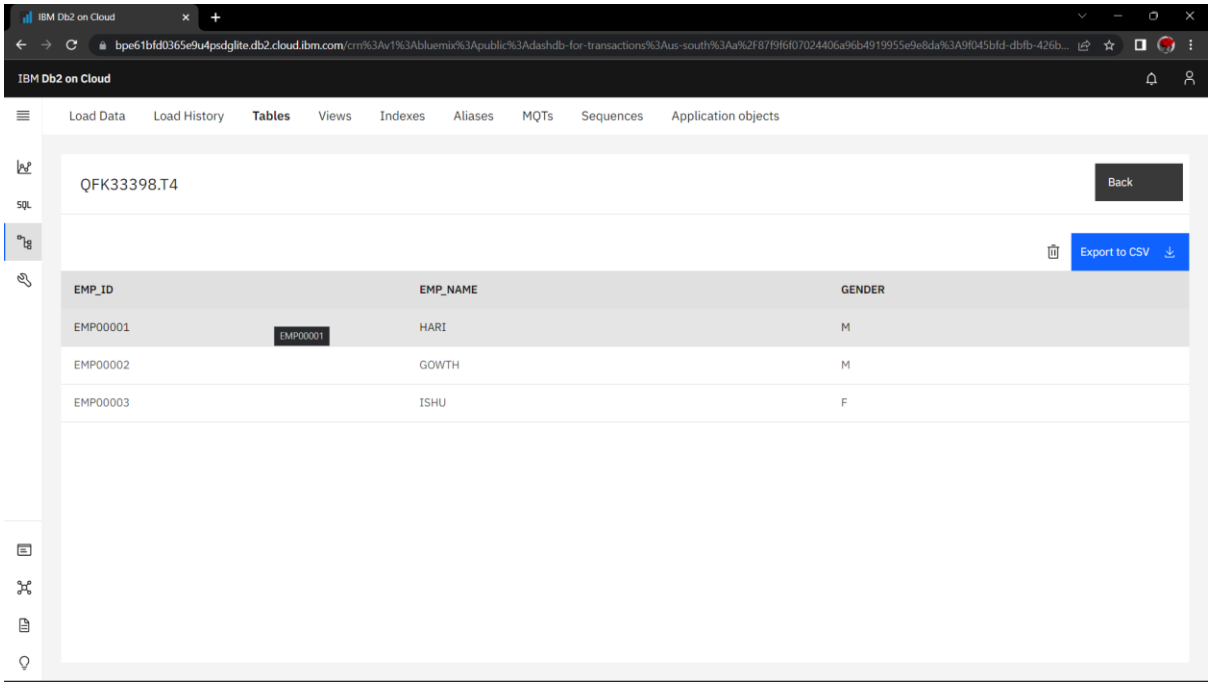
T4:

QUERY :

```
UPDATE T4 SET EMP_ID='EMP00002' WHERE EMP_NAME='GOWTH';

DELETE FROM T4 WHERE EMP_NAME='NITHU';
```



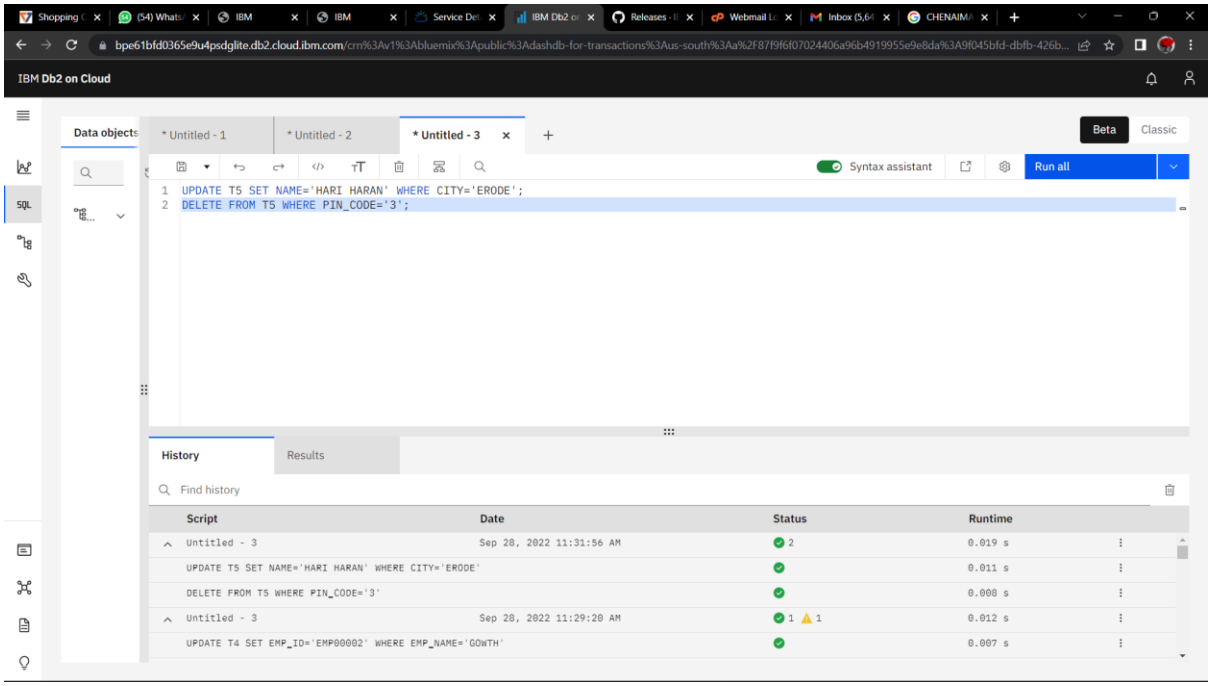


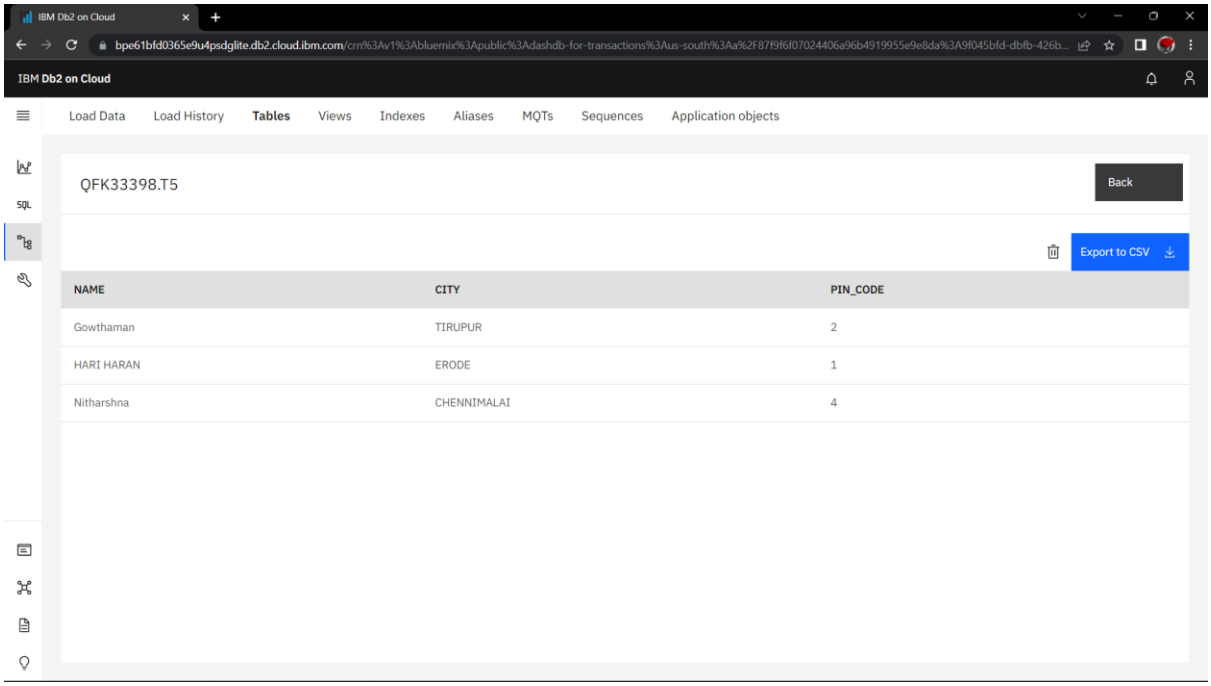
T5:

QUERY:

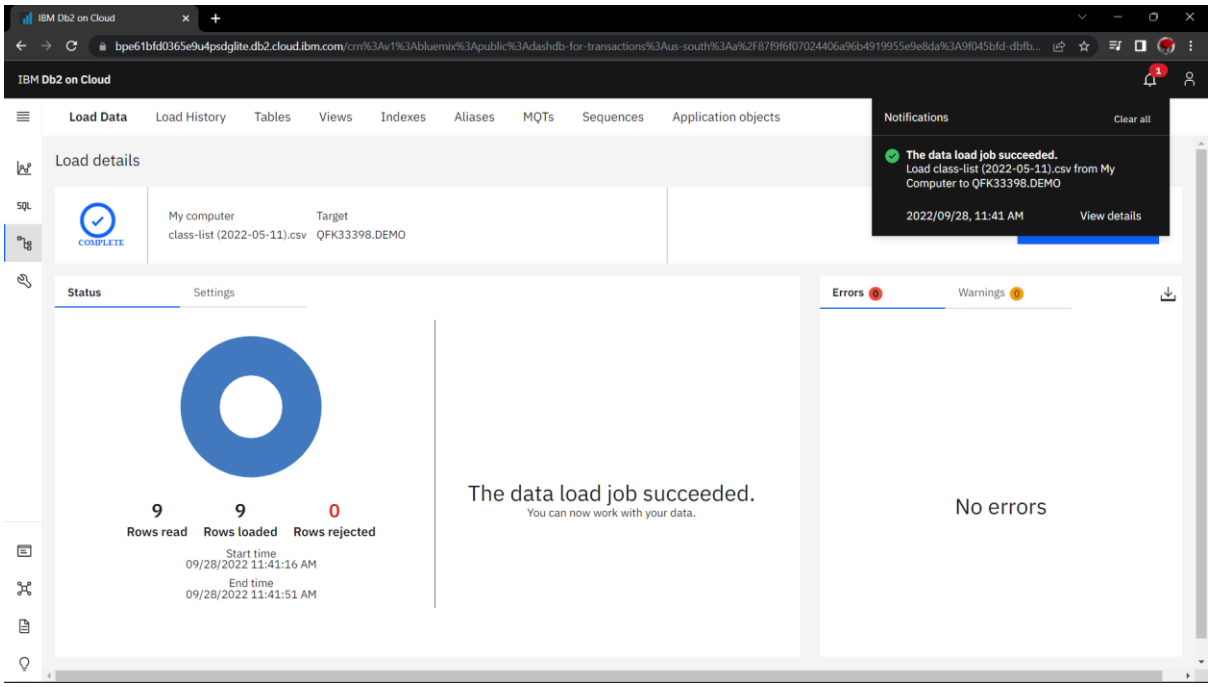
UPDATE T5 SET NAME='HARI HARAN' WHERE CITY='ERODE';

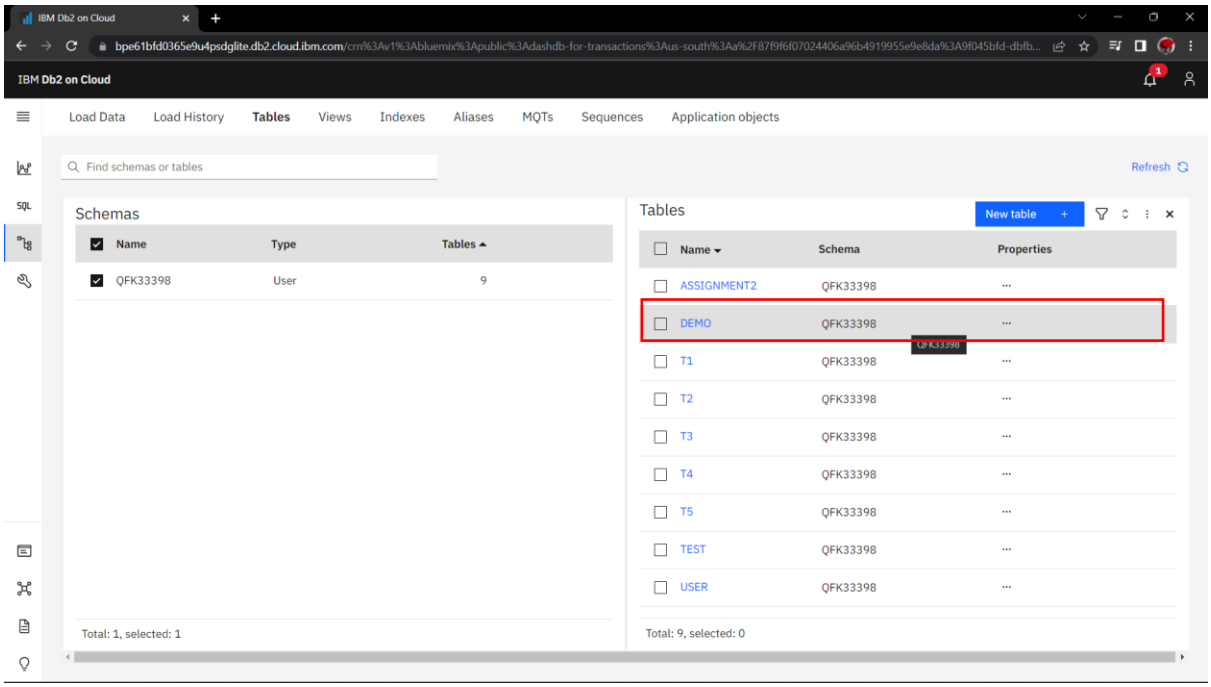
DELETE FROM T5 WHERE PIN_CODE='3';

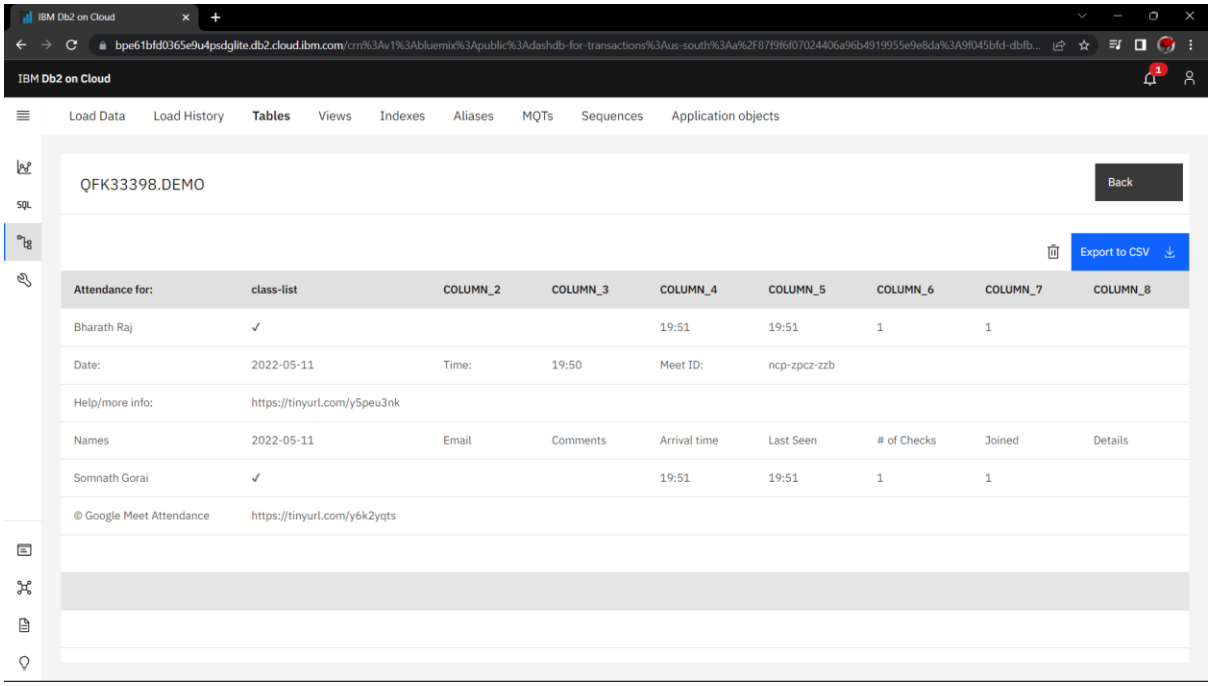




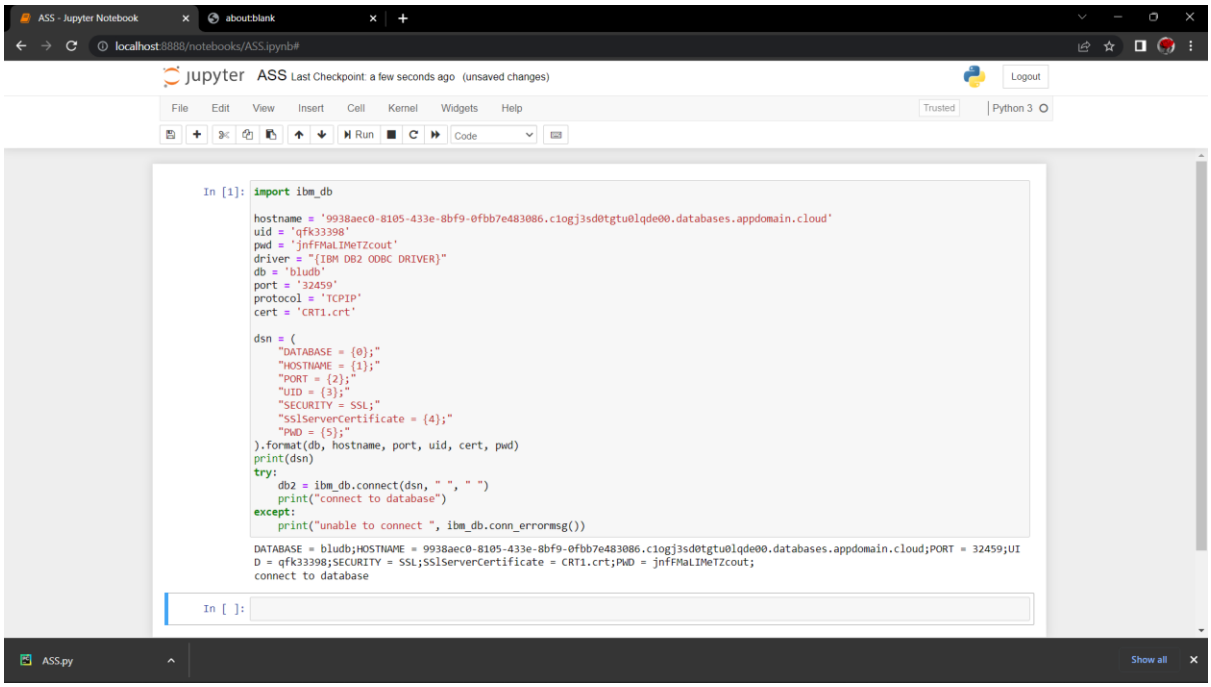
3.LOAD EXCEL COMMA SEPERATED FILE TO db2






IBM Db2 on Cloud
bpe61bfd0365e9u4psdglite.db2.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aus-south%3Aa%2F87f9f6f07024406a96b4919955e9e8da%3A9f045bfd-dbfb...
IBM Db2 on Cloud
Load Data
Load History
Tables
Views
Indexes
Aliases
MQTs
Sequences
Application objects
QFK33398.DEMO
Back
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
19:51
1
1
Date:
2022-05-11
Time:
19:50
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
19:51
1
1
© Google Meet Attendance
https://tinyurl.com/y6k2yqts

4.CONNECT PYTHON TO db2:



CODE :

```
import ibm_db


hostname = '9938aec0-8105-433e-8bf9-
0fbb7e483086.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;"
    "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())
```