# TEAM ID PROJECT NAME

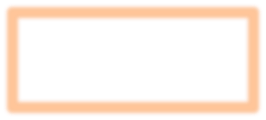
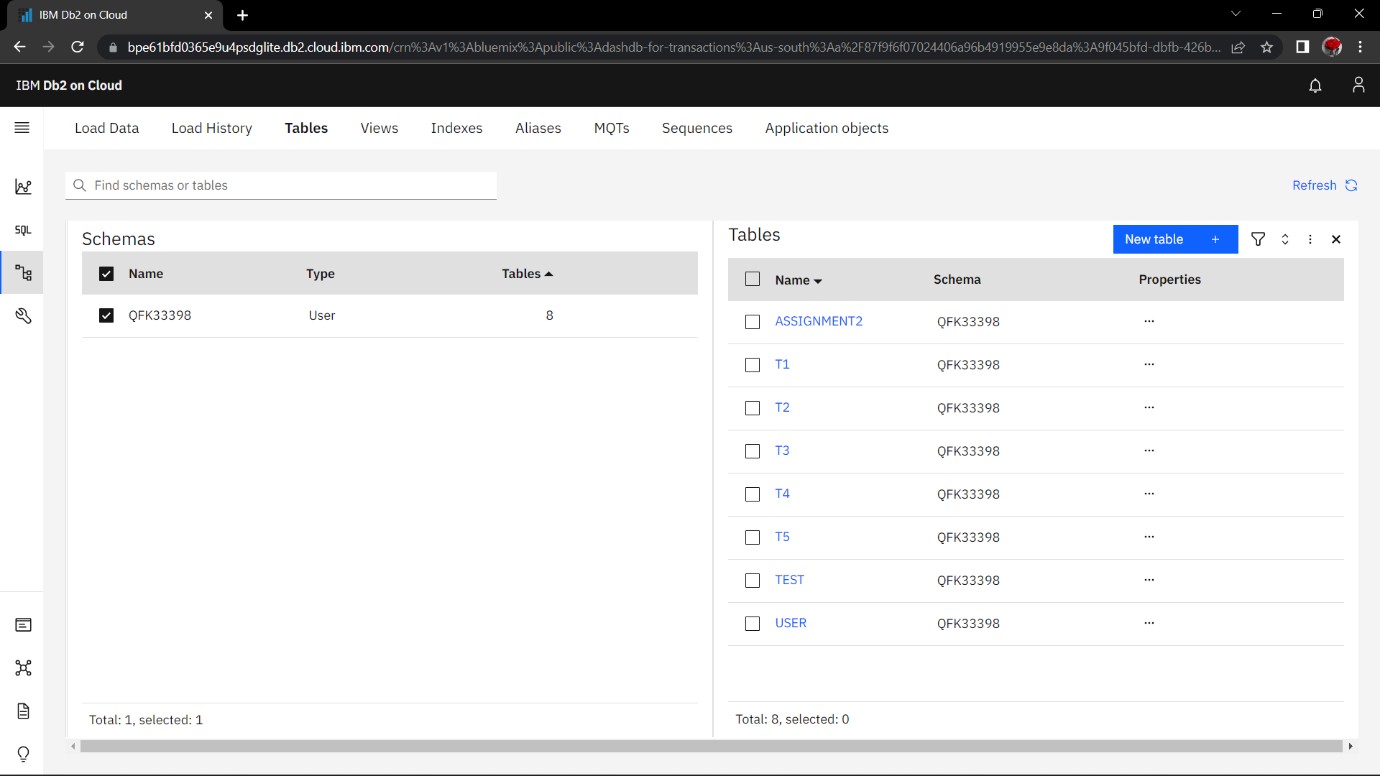
ASSIGNMENT - 2

**:** PNT2022TMID34287

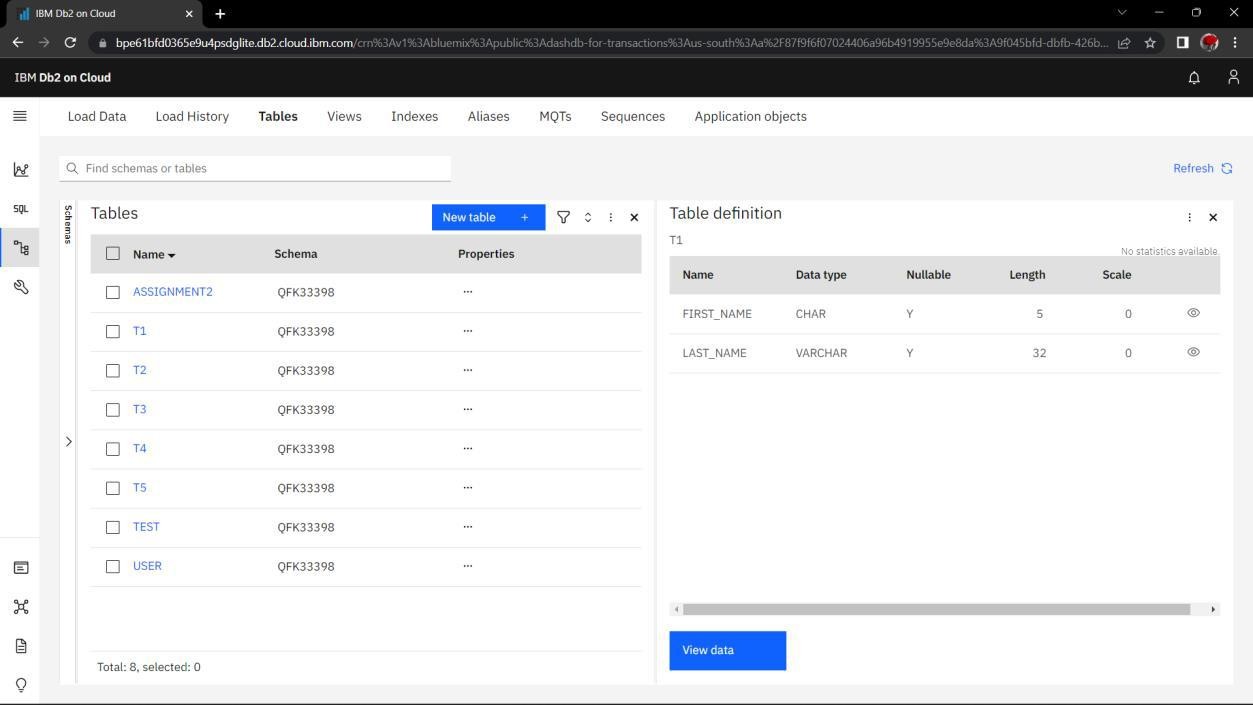
**:** SMART FASHION RECOMMENDER APPLICATION

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

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



T1:



QUERY :

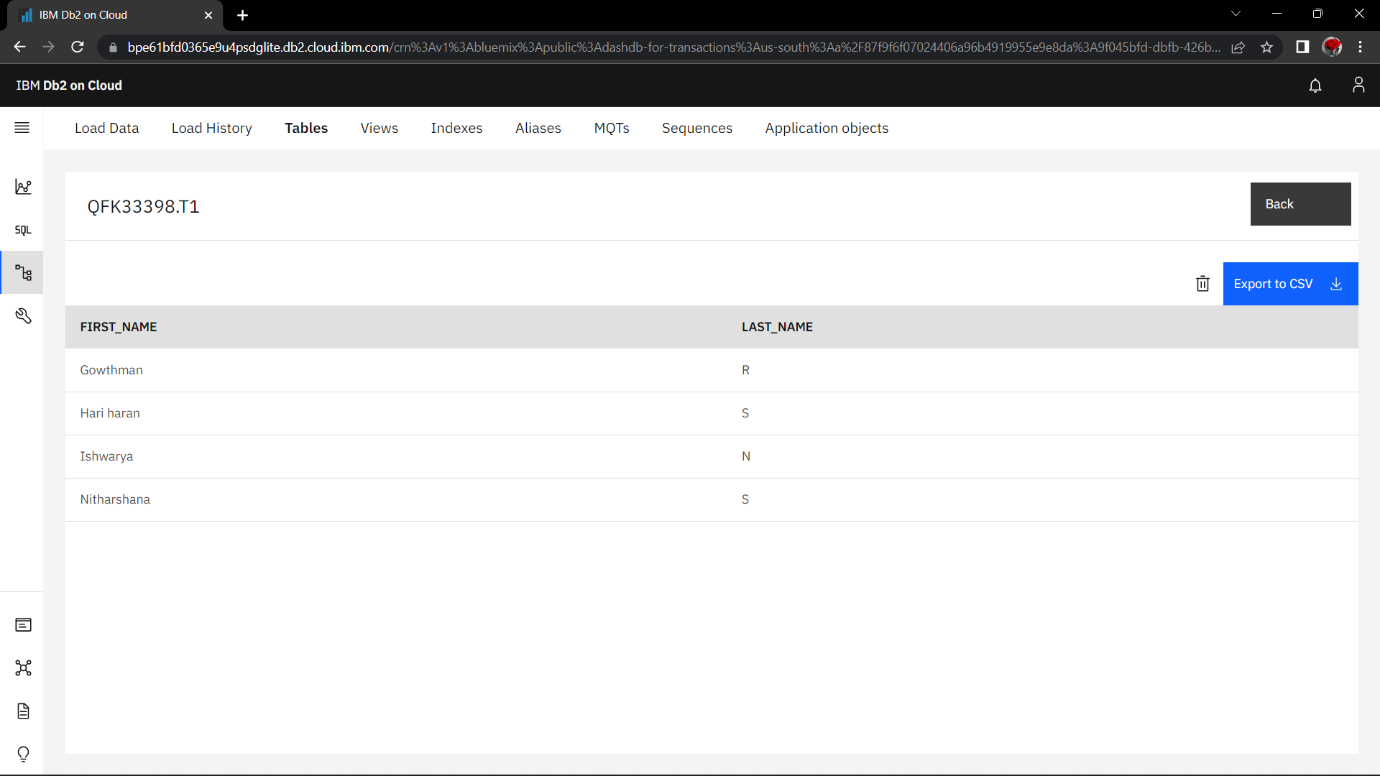
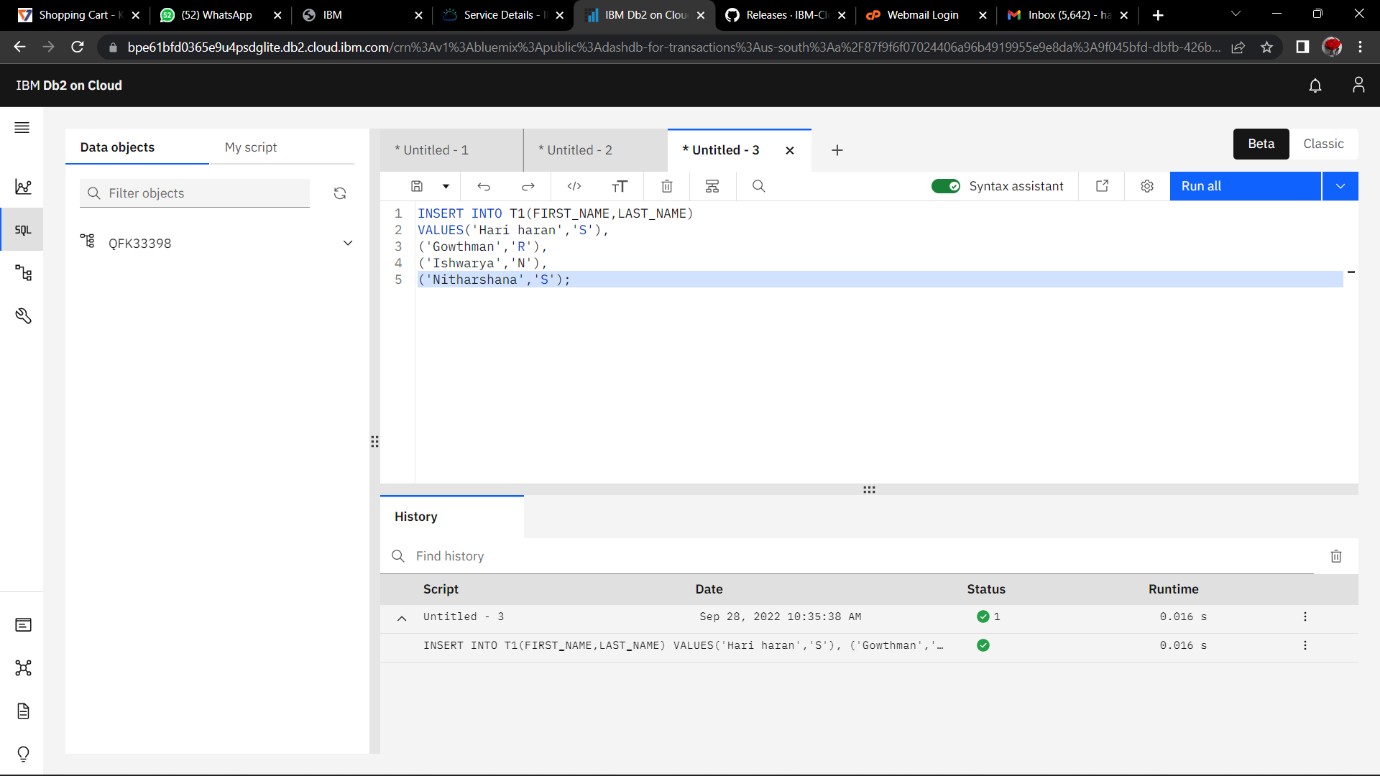
INSERT INTO T1(FIRST\_NAME,LAST\_NAME)

VALUES('Hari haran','S'),

('Gowthman','R'),

('Ishwarya','N'),

('Nitharshana','S');



T2:

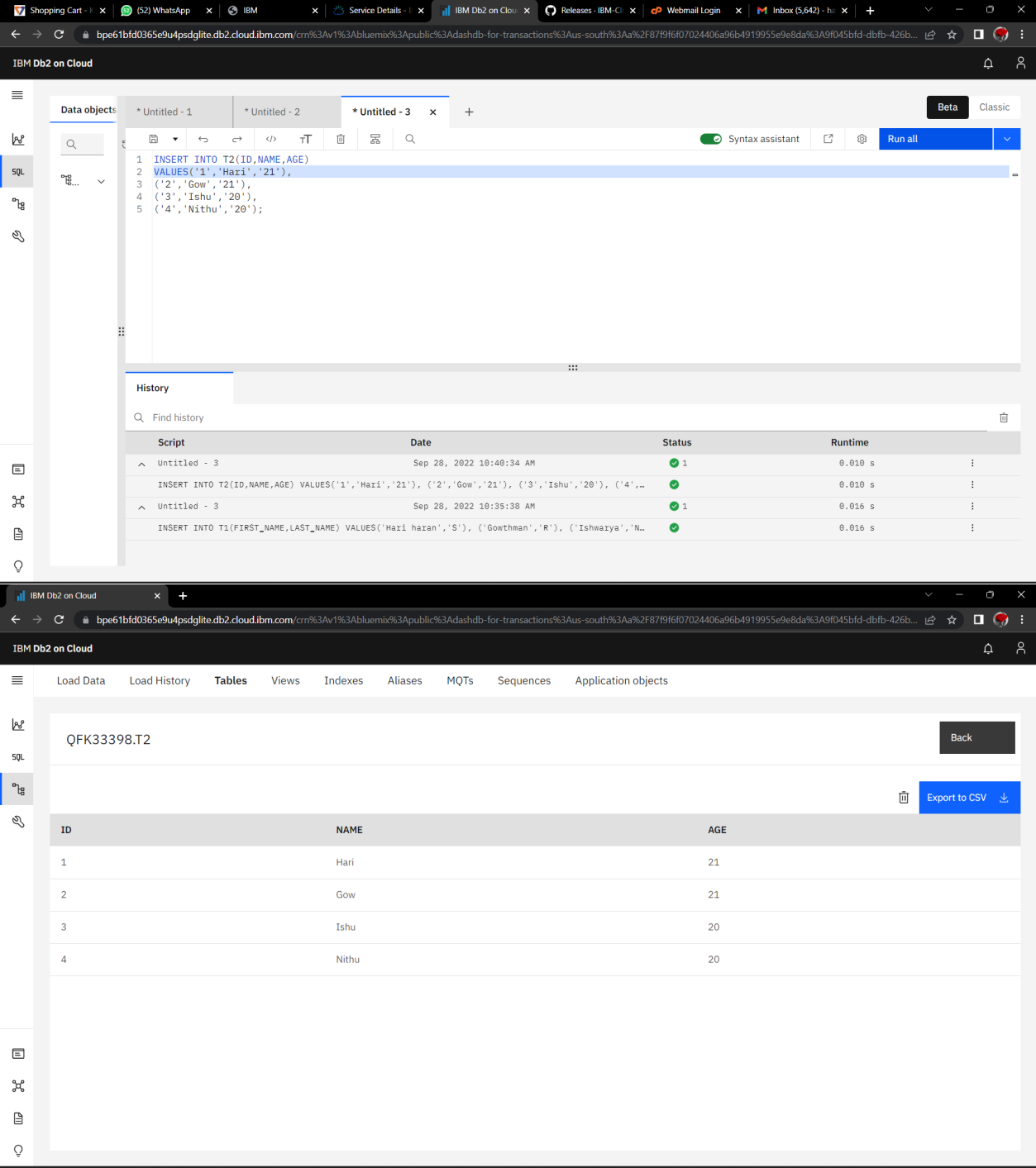
QUERY:

INSERT INTO T2(ID,NAME,AGE) VALUES('1','Hari','21'),

('2','Gow','21'),

('3','Ishu','20'),

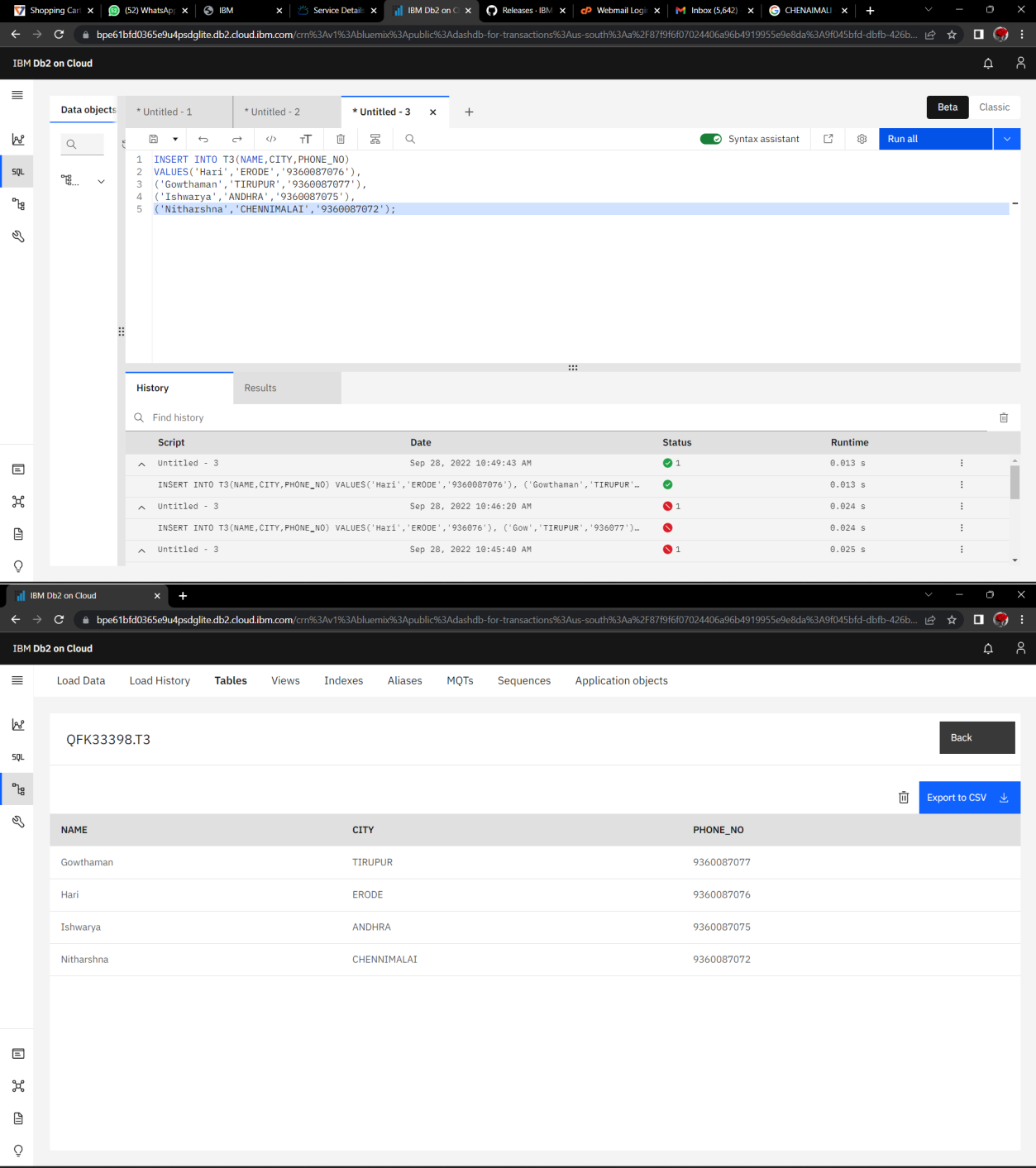
('4','Nithu','20');



T3 :

QUERY :

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



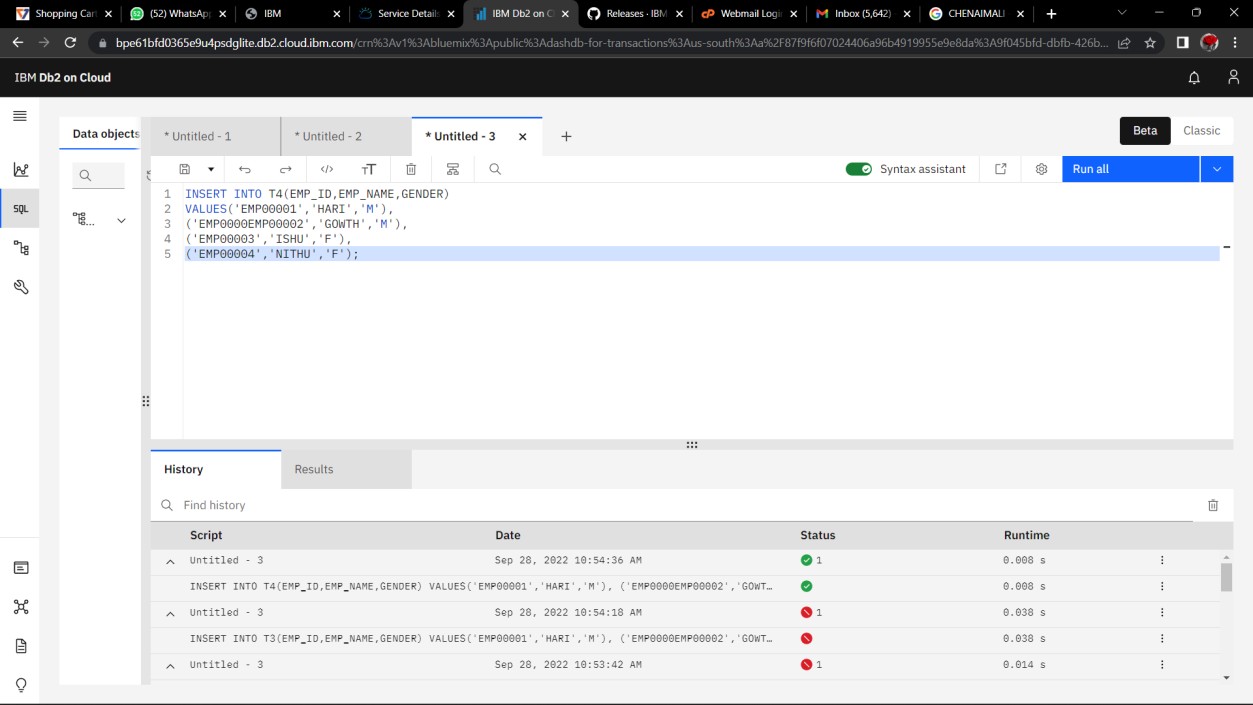
T4: QUERY:

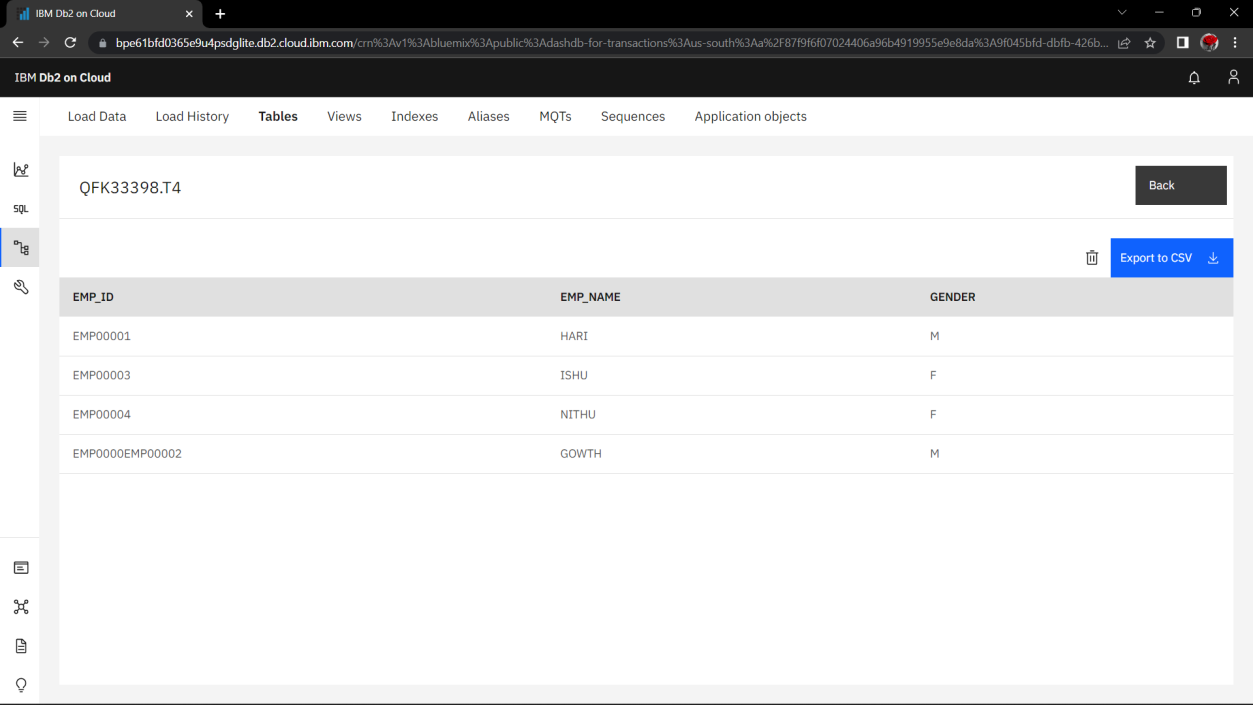
INSERT INTO T4(EMP\_ID,EMP\_NAME,GENDER) VALUES('EMP00001','HARI','M'),

('EMP0000EMP00002','GOWTH','M'),

('EMP00003','ISHU','F'),

('EMP00004','NITHU','F');





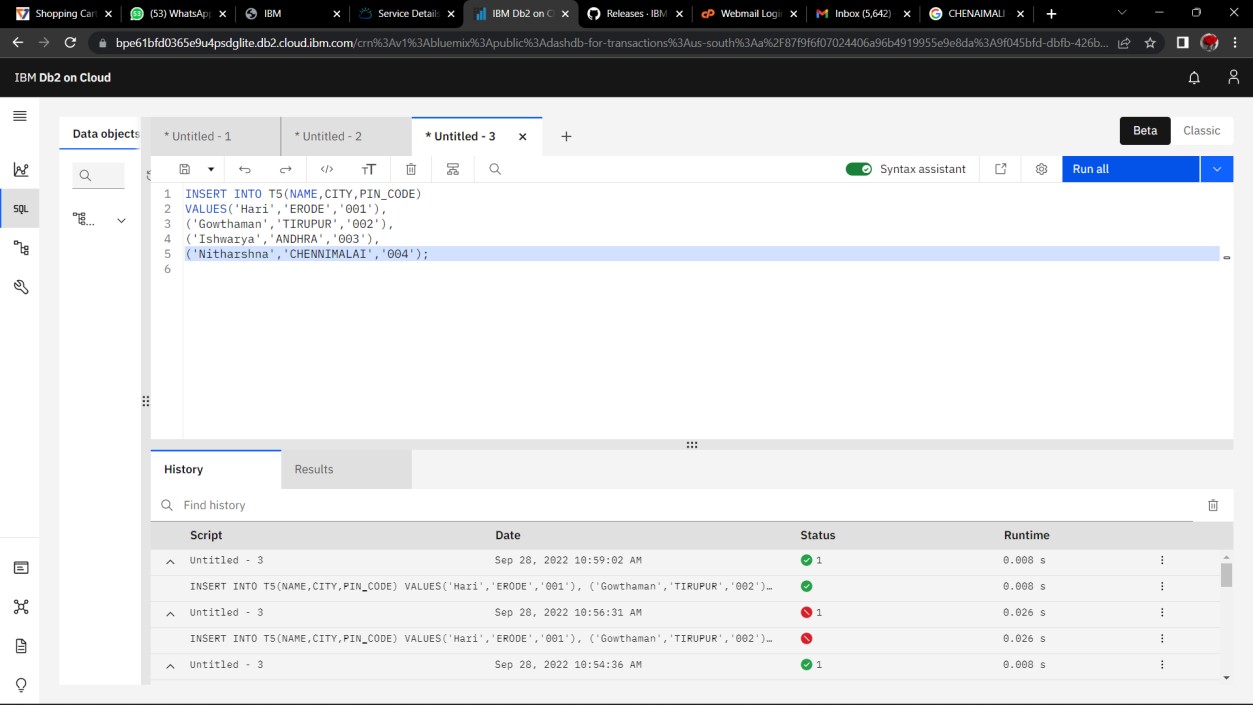
T5: QUERY :

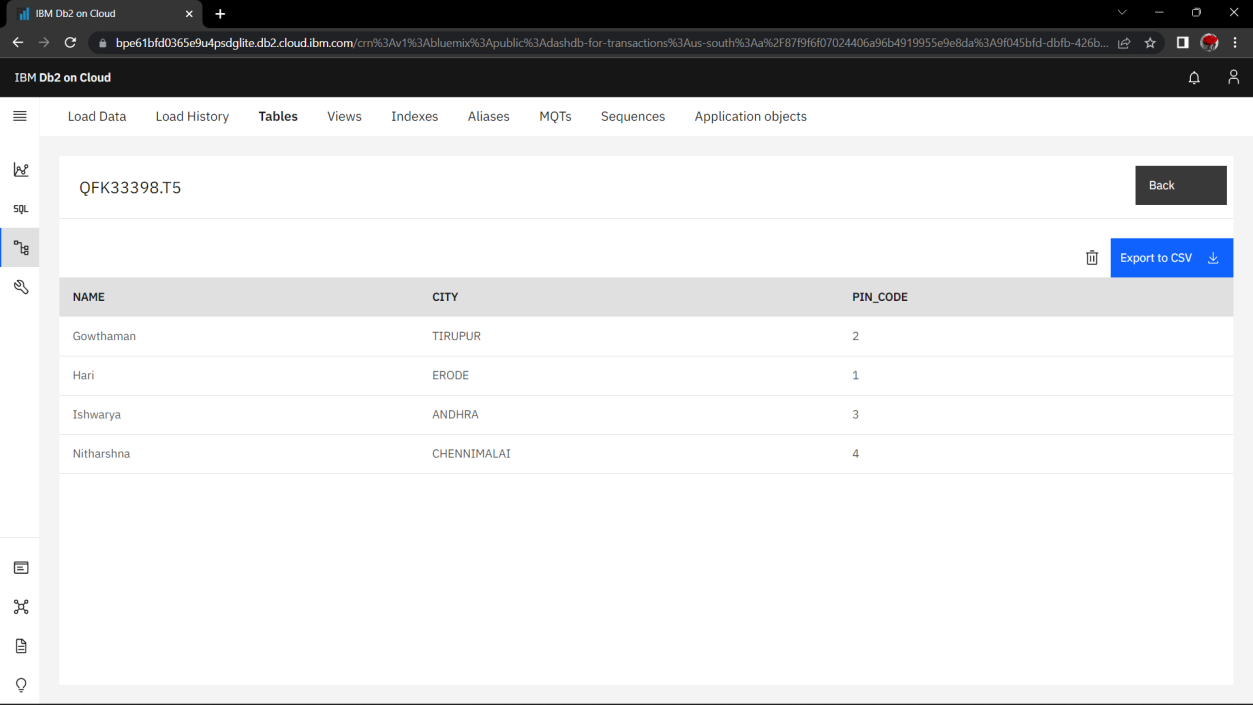
INSERT INTO T5(NAME,CITY,PIN\_CODE) VALUES('Hari','ERODE','001'),

('Gowthaman','TIRUPUR','002'),

('Ishwarya','ANDHRA','003'),

('Nitharshna','CHENNIMALAI','004');



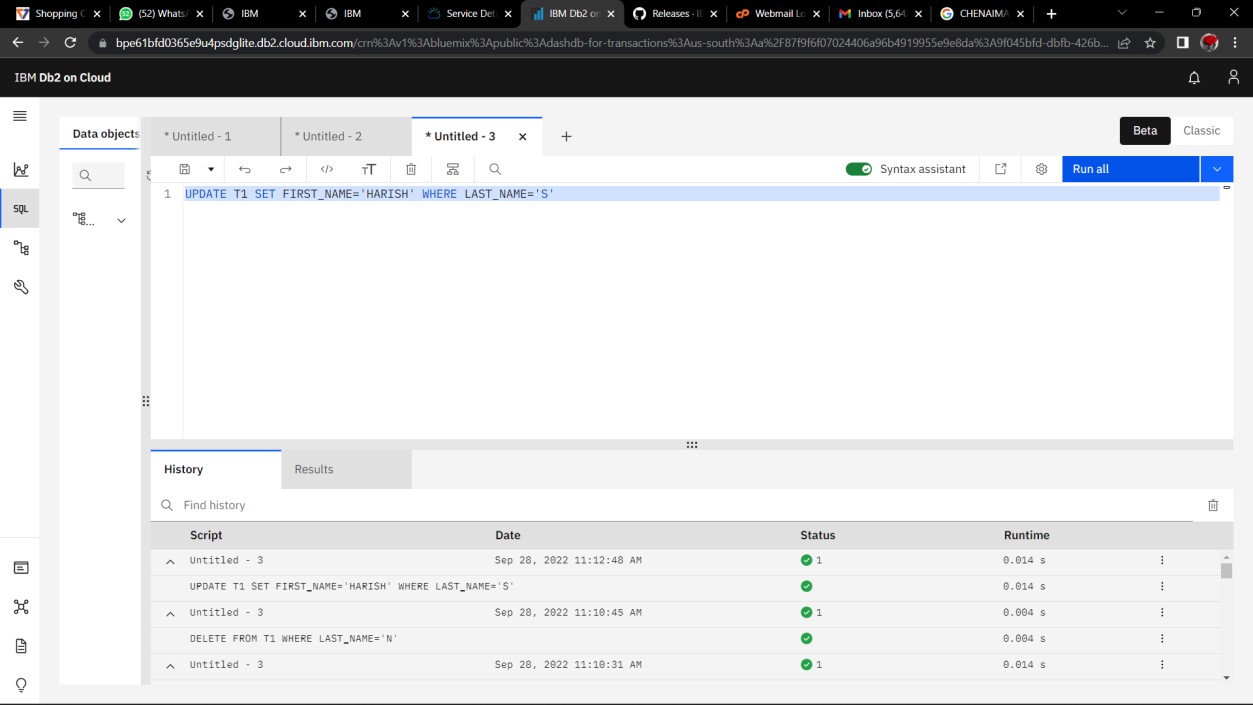
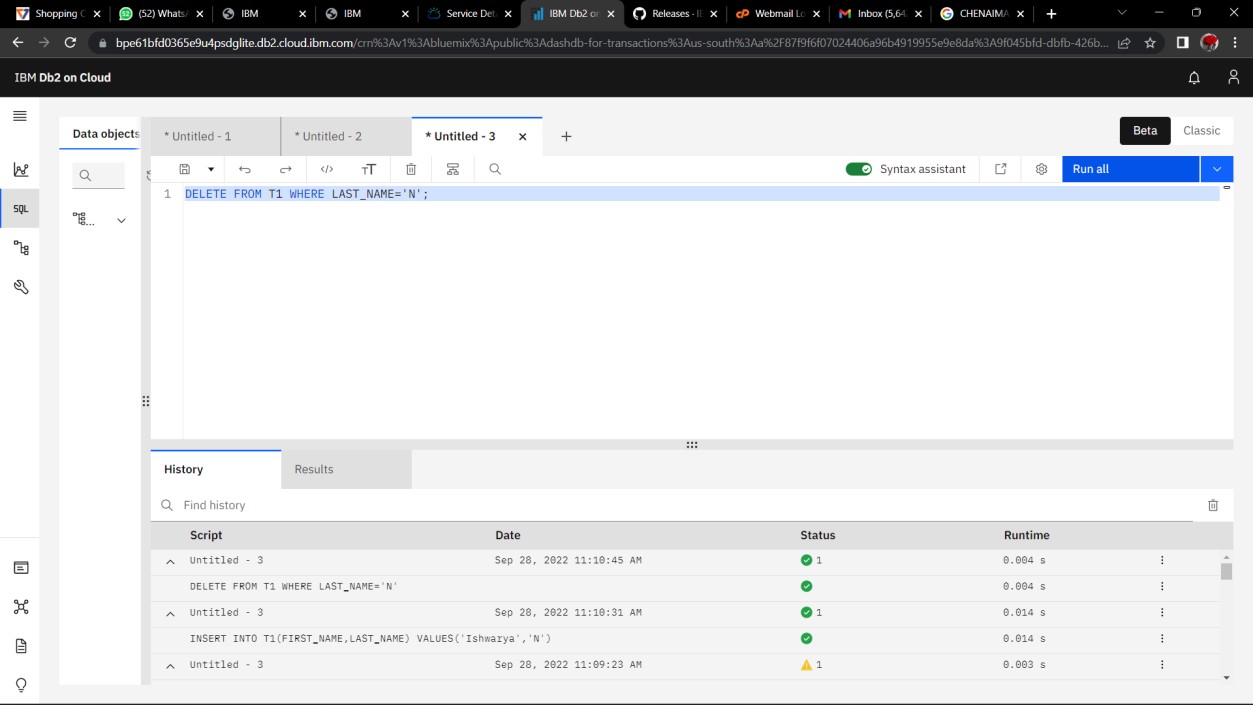


# PERFORM UPDATE , DELETE QUERIES in 5 tables:

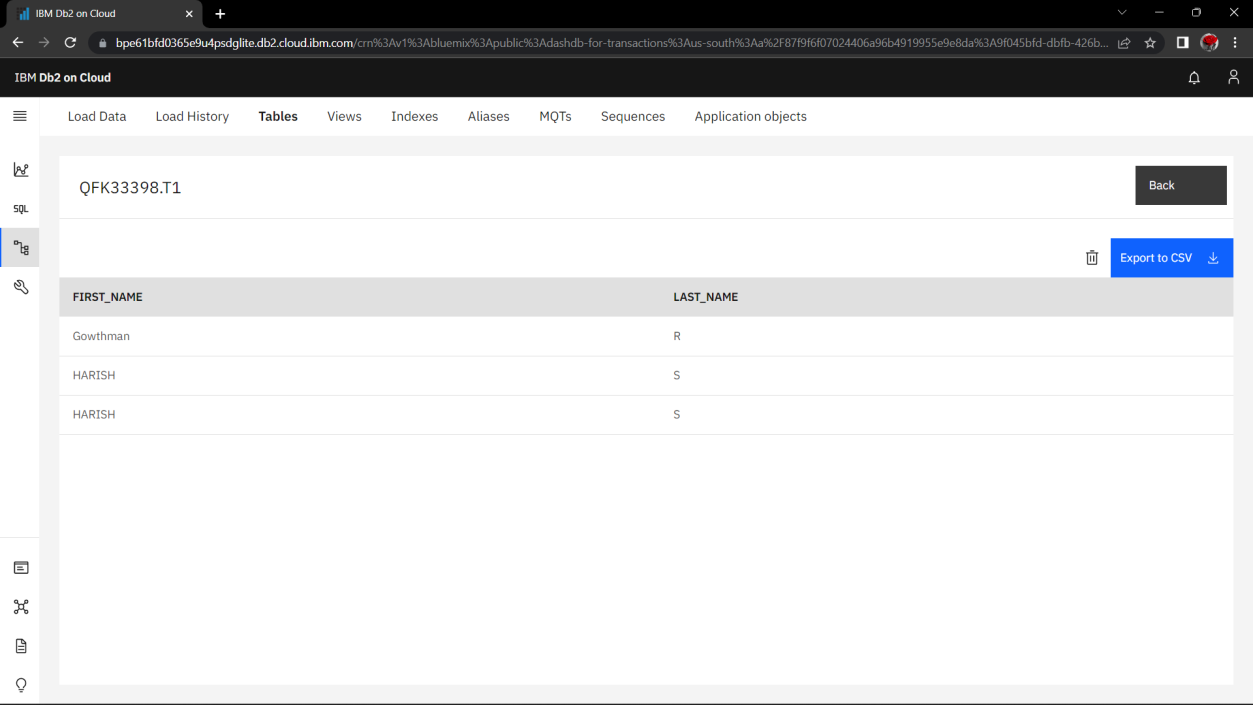
T1 : QUERY :

DELETE FROM T1 WHERE LAST\_NAME='N';

UPDATE T1 SET FIRST\_NAME='HARISH' WHERE LAST\_NAME='S'

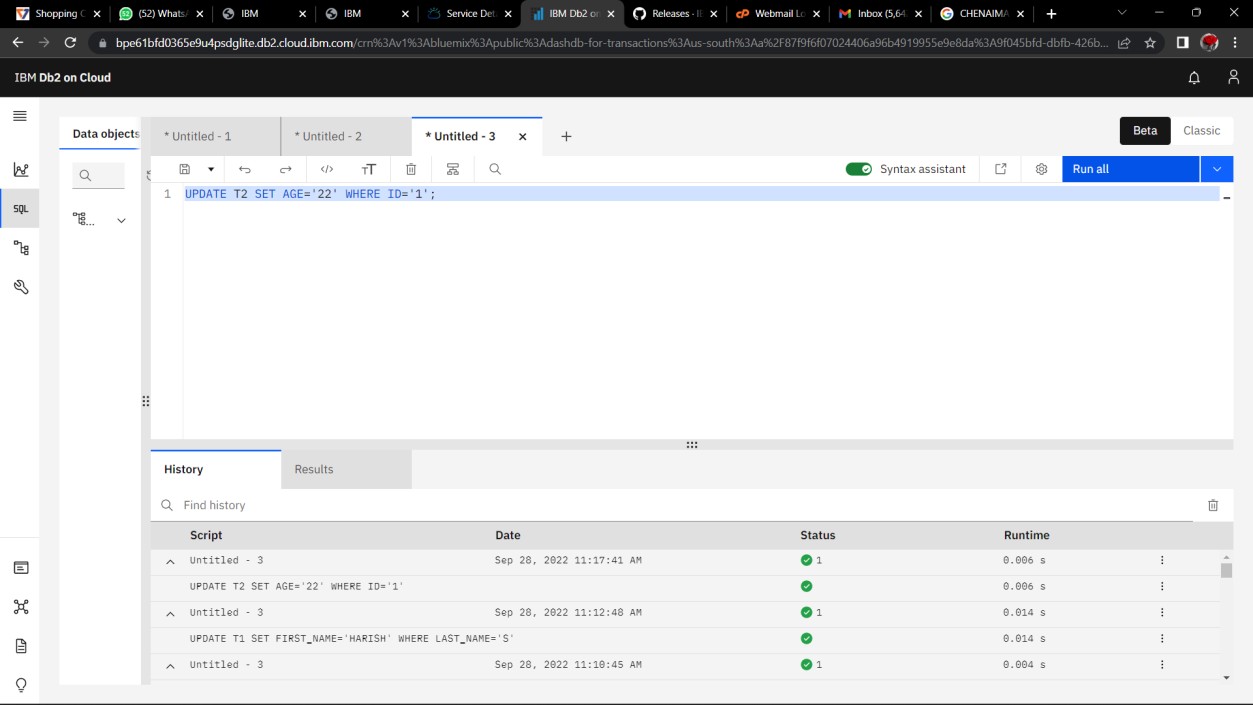


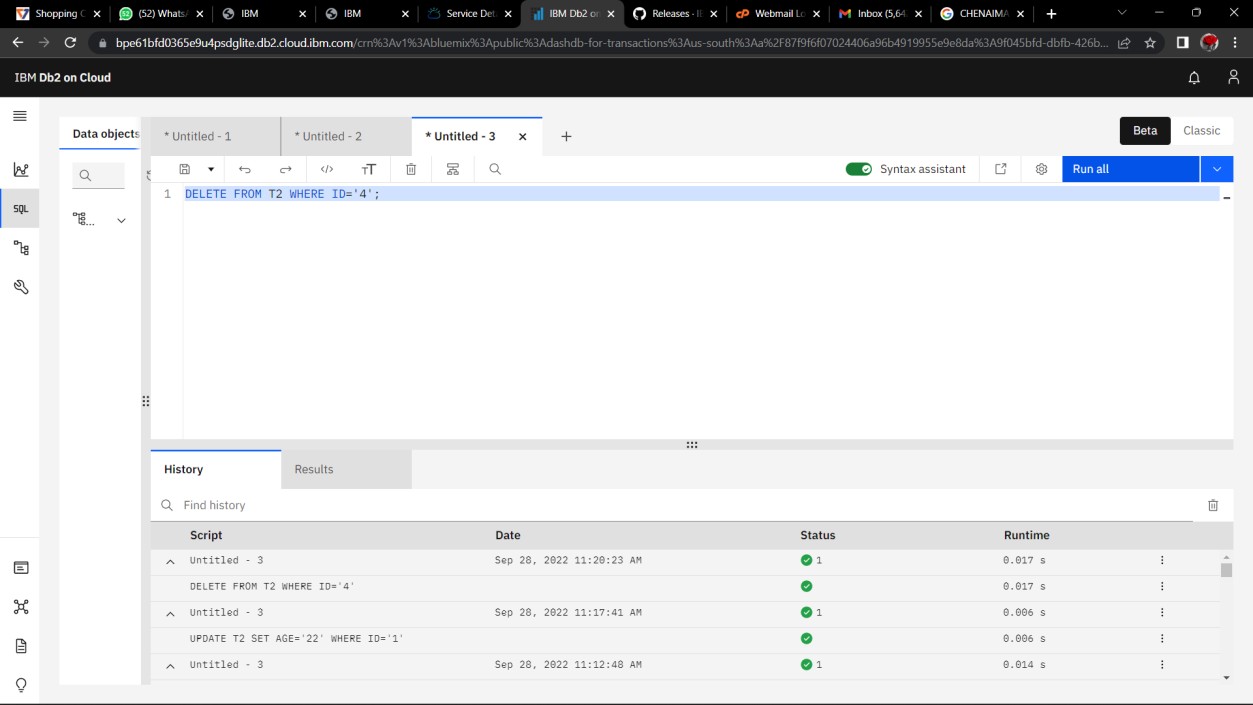
# AFTER DELETING AND UPDATING IN T1:



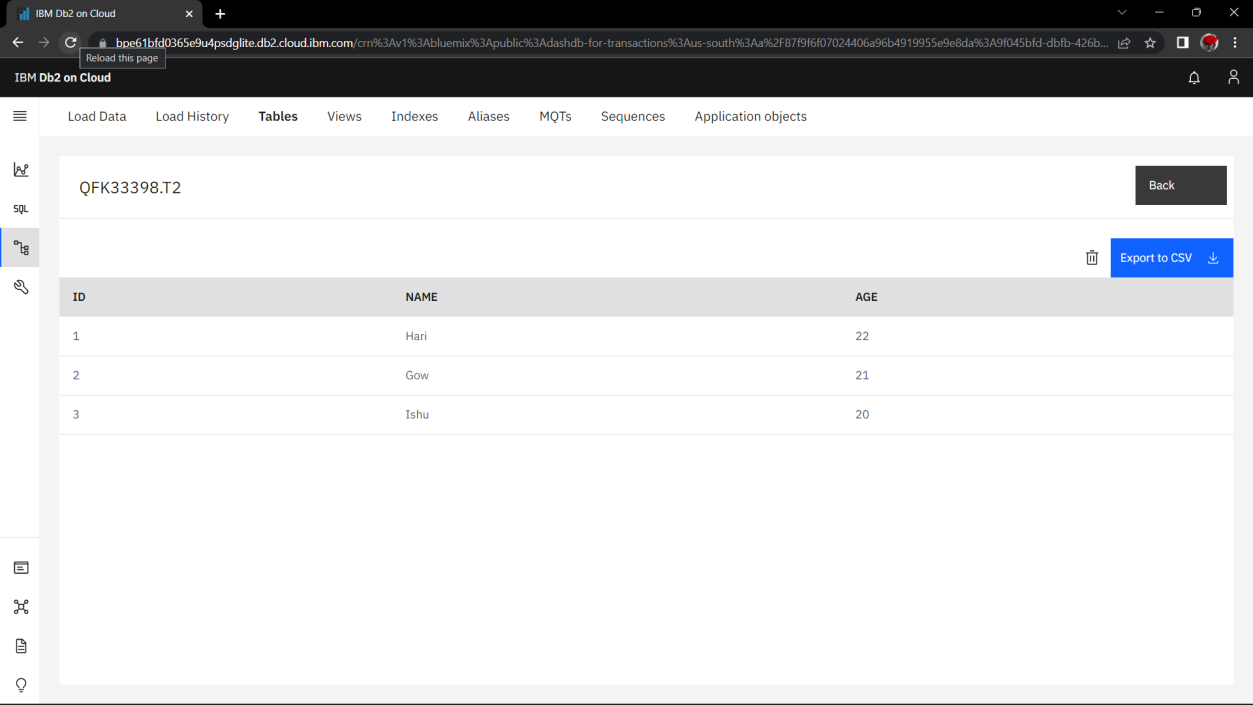
T2 : QUERY:

UPDATE T2 SET AGE='22' WHERE ID='1'; DELETE FROM T2 WHERE ID='4';



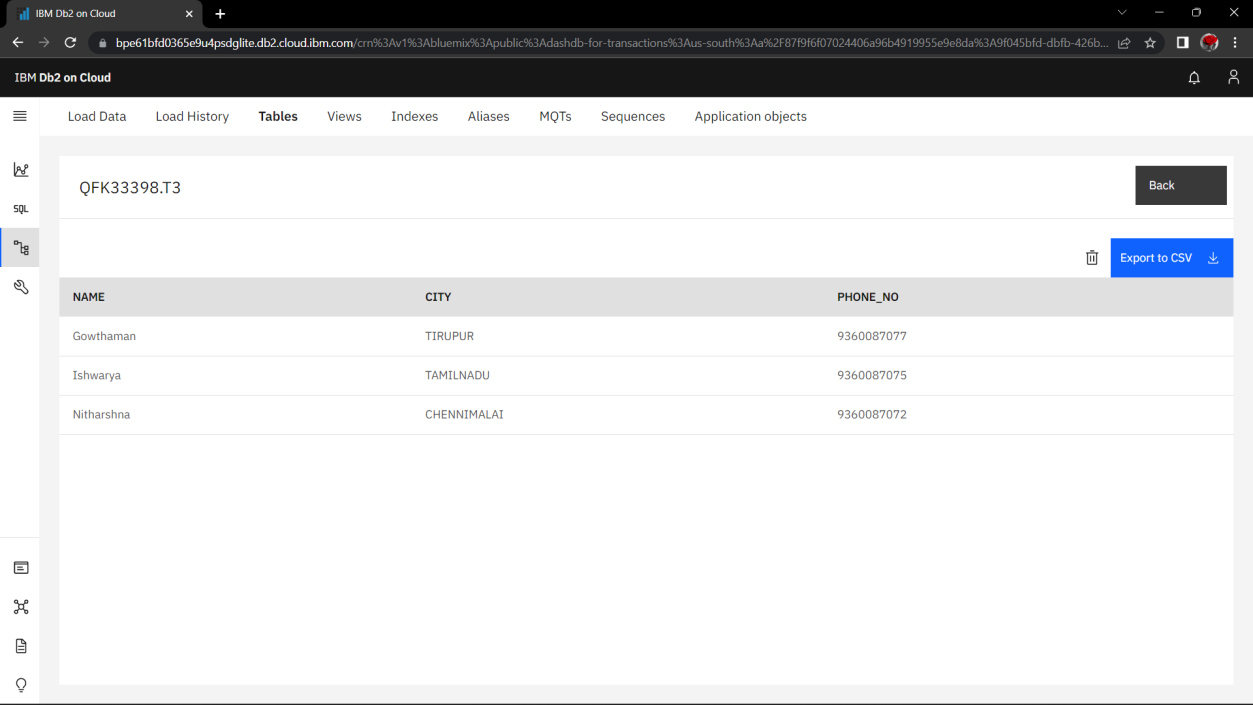
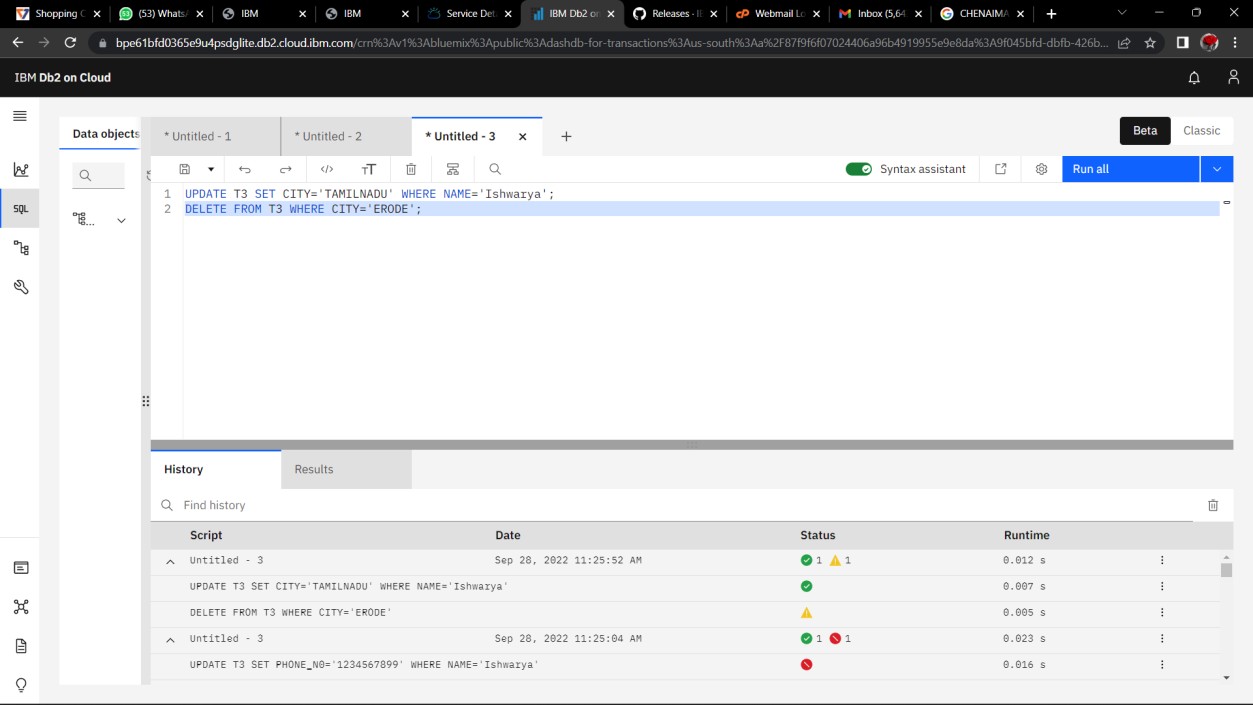


# AFTER DELETING AND UPDATING IN T2:



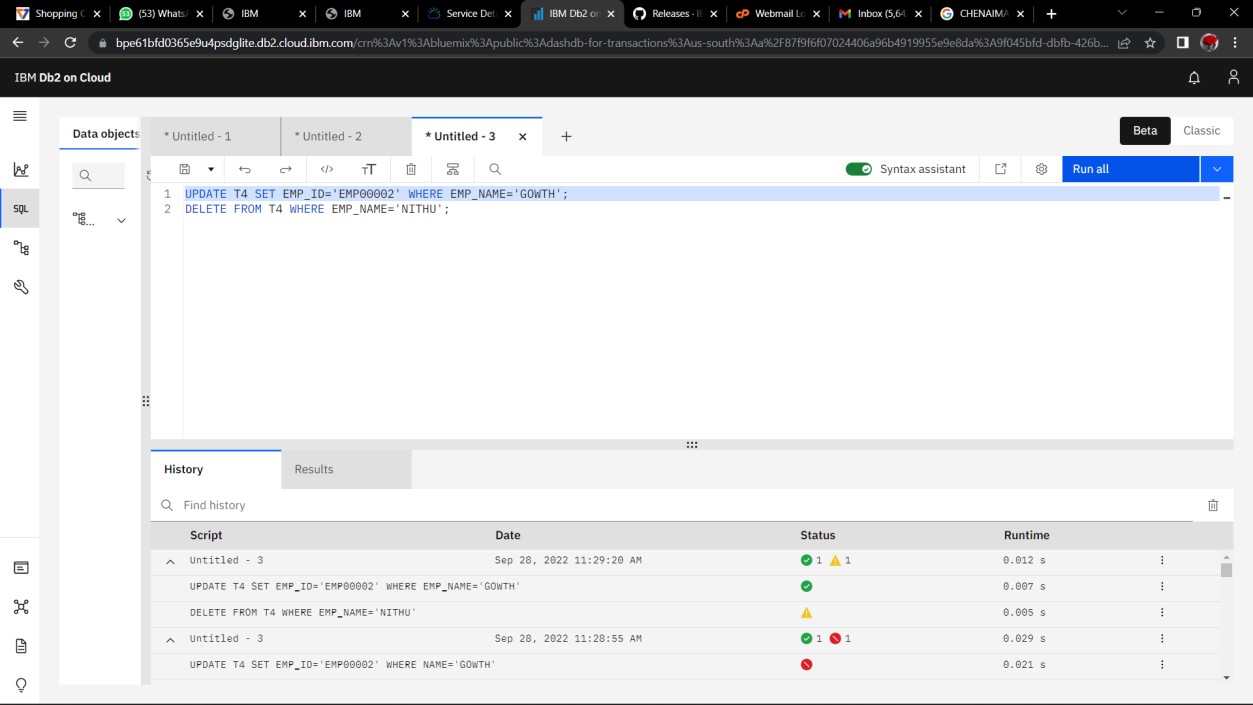
T3 : QUERY:

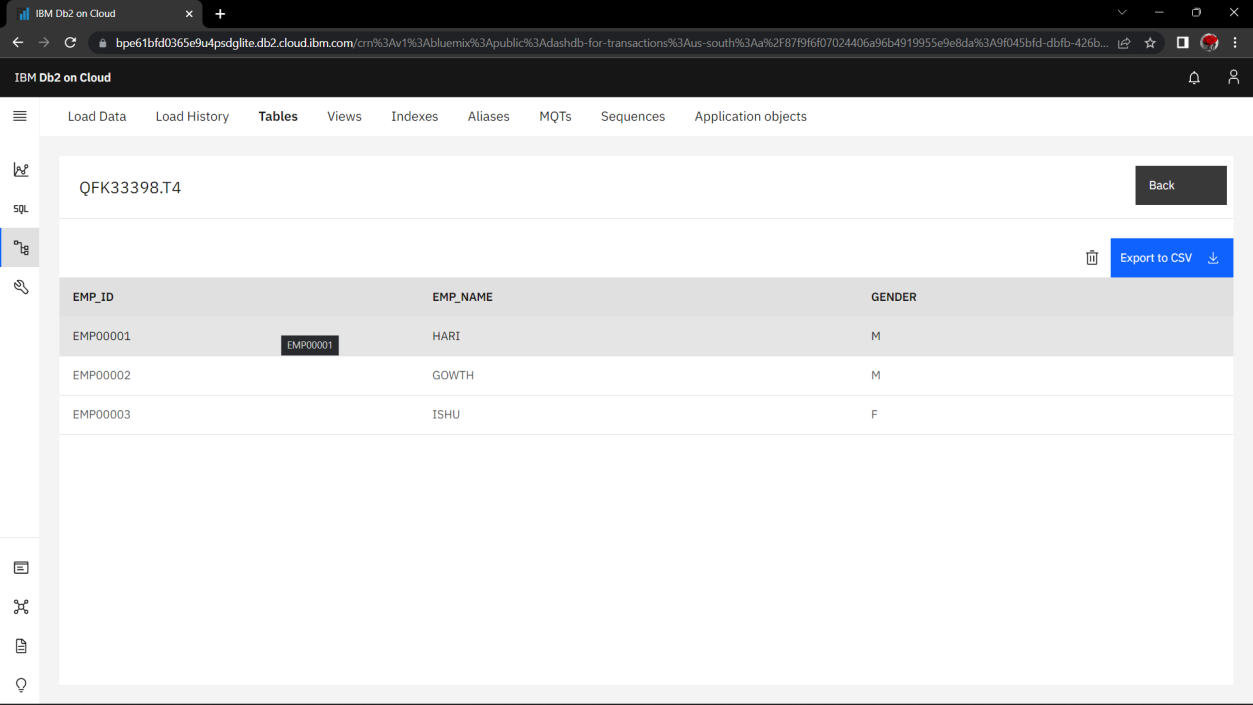
UPDATE T3 SET CITY='TAMILNADU' WHERE NAME='Ishwarya'; DELETE FROM T3 WHERE CITY='ERODE';



T4: QUERY :

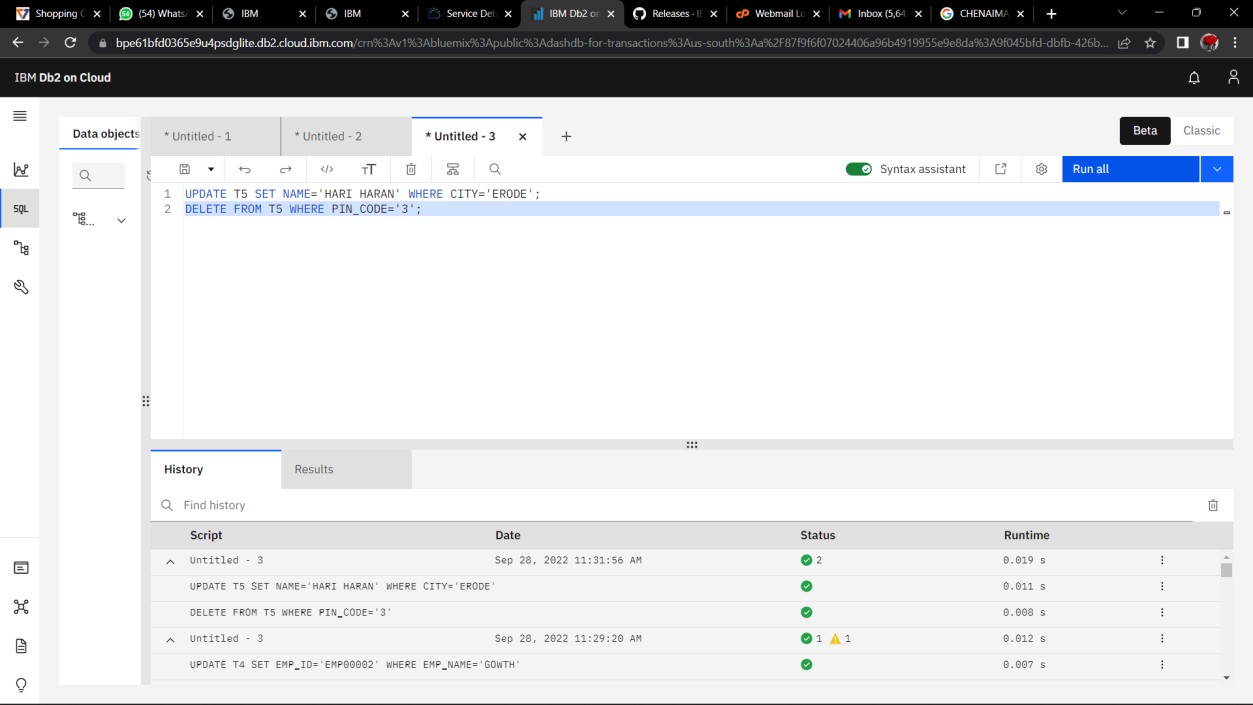
UPDATE T4 SET EMP\_ID='EMP00002' WHERE EMP\_NAME='GOWTH'; DELETE FROM T4 WHERE EMP\_NAME='NITHU';

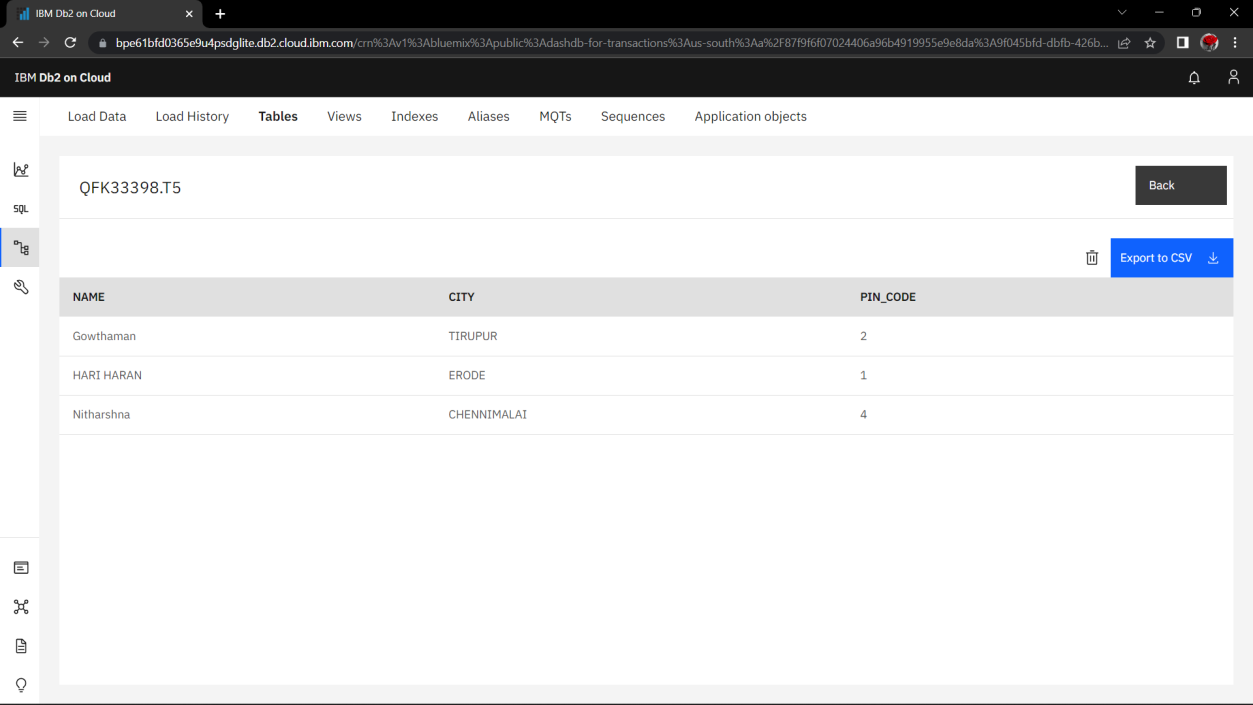




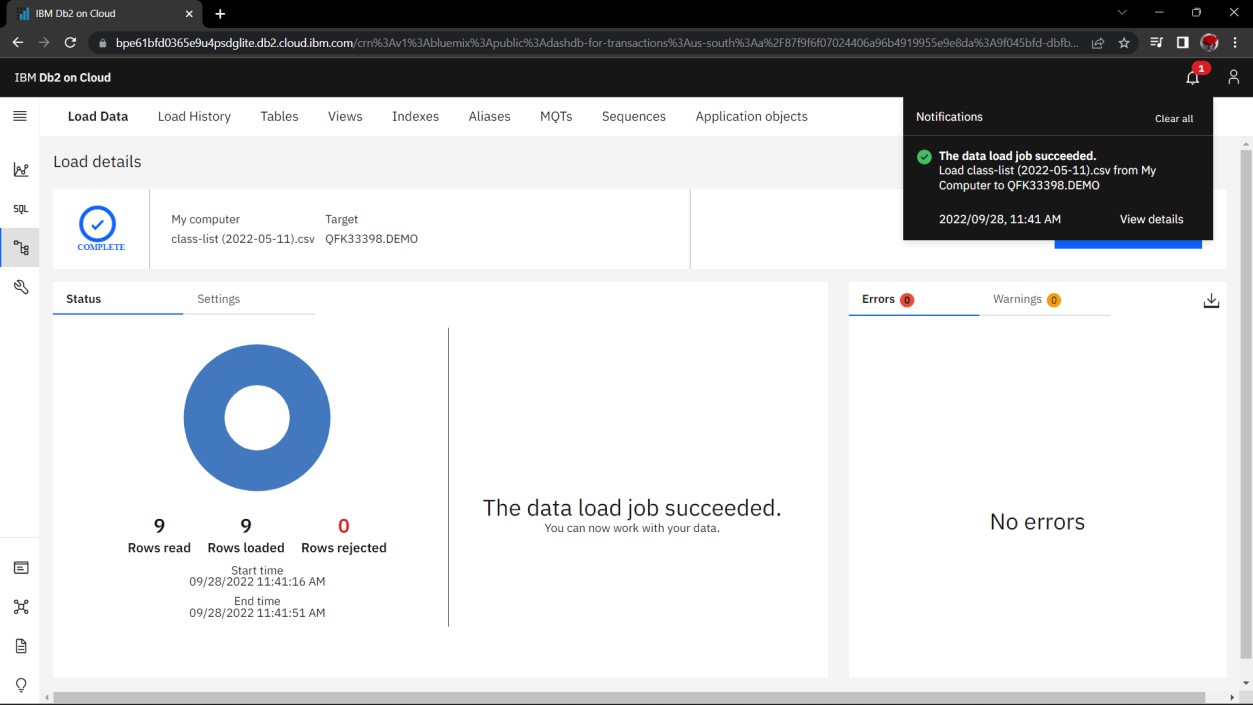
T5: QUERY:

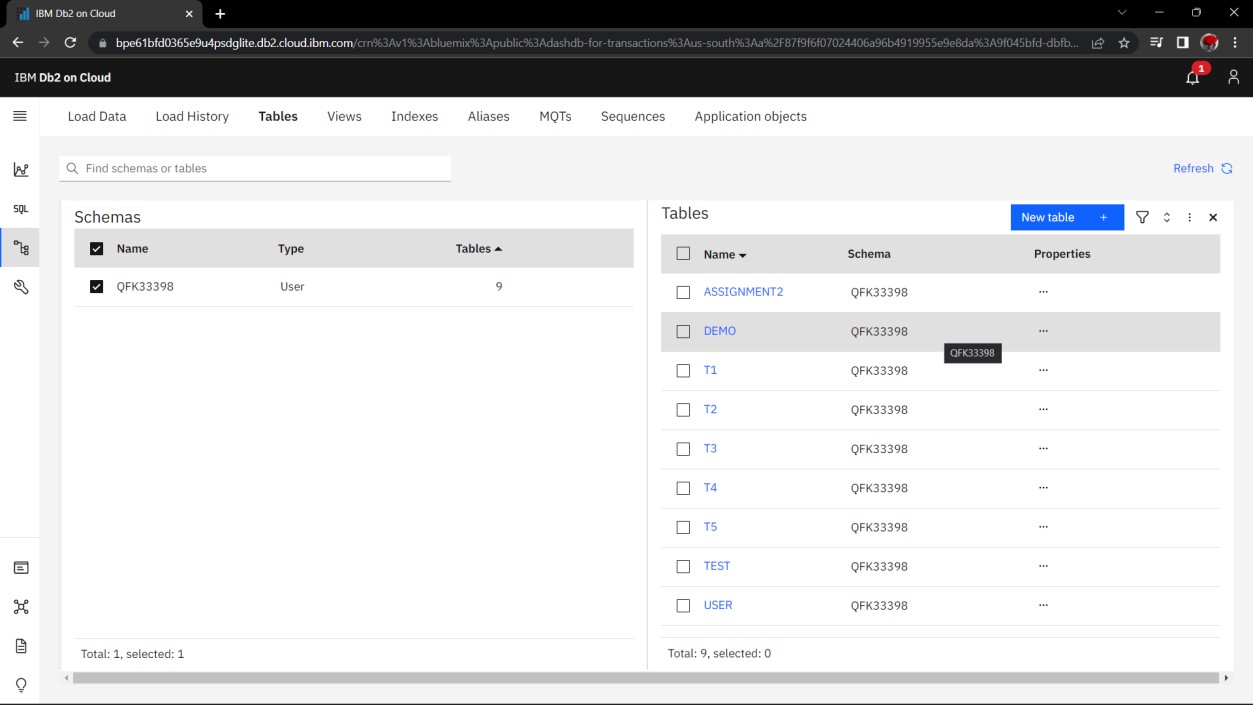
UPDATE T5 SET NAME='HARI HARAN' WHERE CITY='ERODE'; DELETE FROM T5 WHERE PIN\_CODE='3';

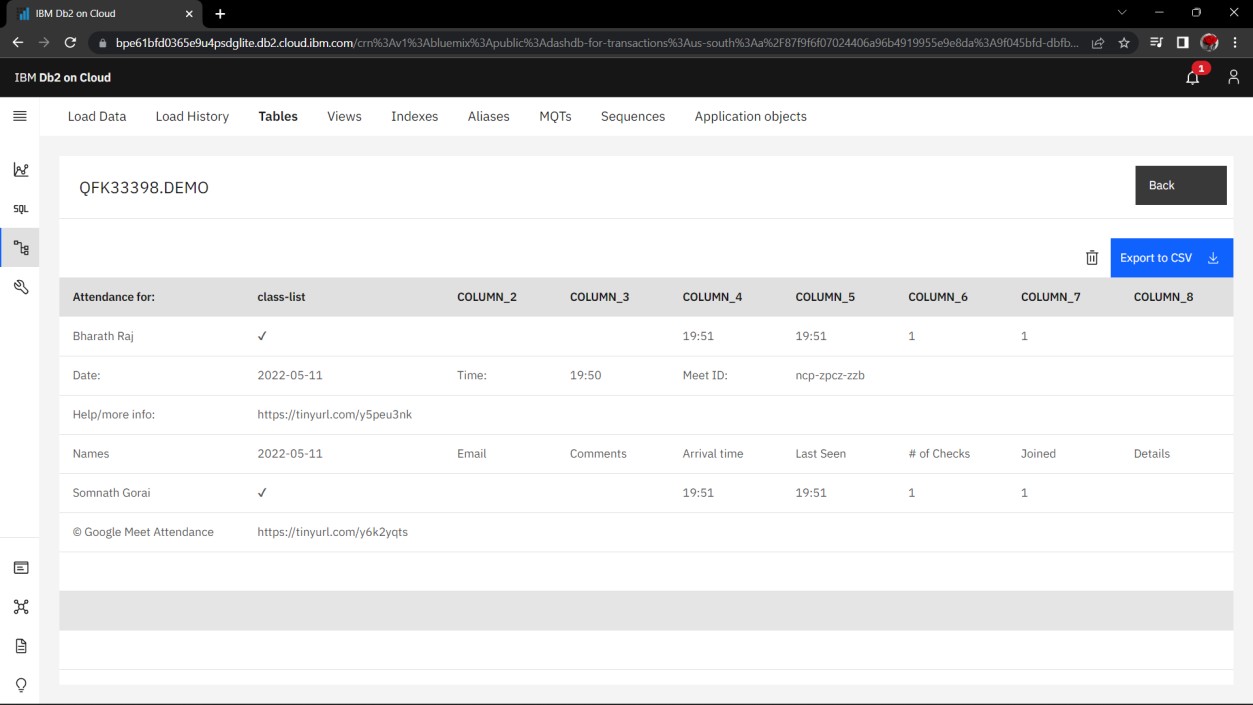




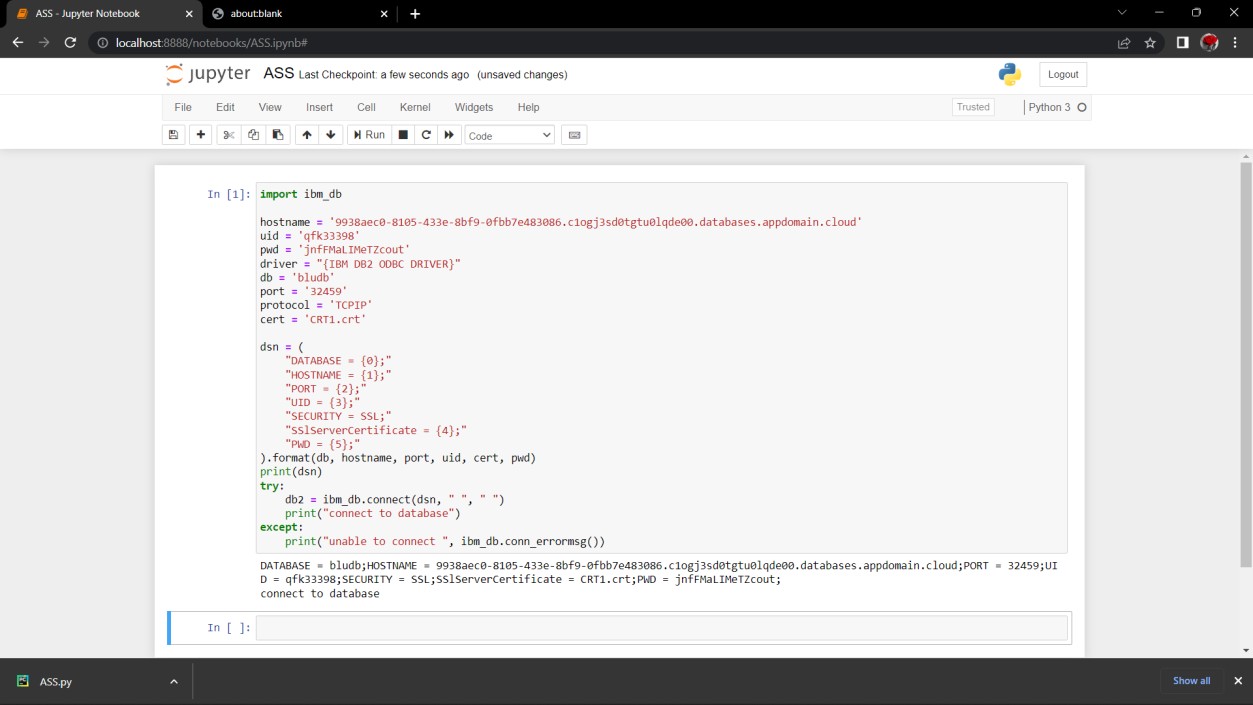
# LOAD EXCEL COMMA SEPERATED FILE TO db2







1. **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())