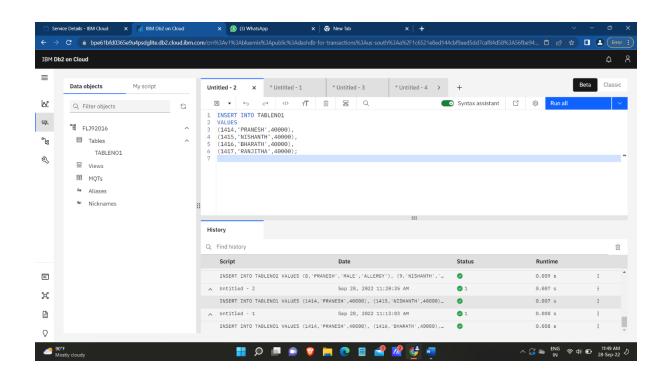
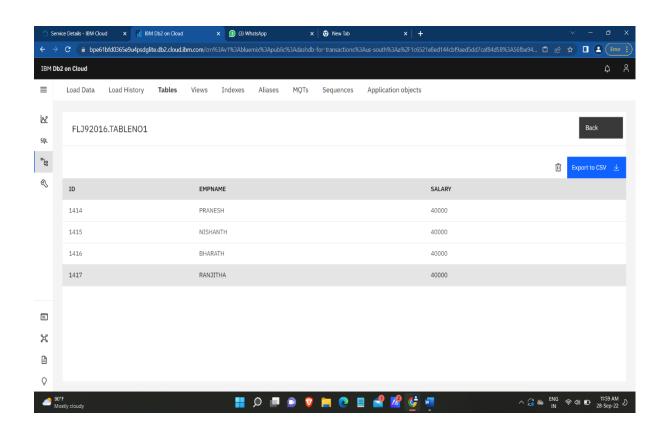
## **ASSIGNMENT NO 2**

NAME: RN.PRANESH
PROJECT: NUTRITION ASSISTANT APPLICATION
PROJECT ID: PNT2022TMID19500
1. Create 5 tables in ibm db2 and insert data by using insert
query.
TABLE NO 1:
INSERT INTO TABLENO1
VALUES
(1414,'PRANESH',40000), (1415,'NISHANTH',40000),
(1416,'BHARATH',40000),
(1417,'RANJITHA',40000);





#### **INSERT INTO TABLENO2**

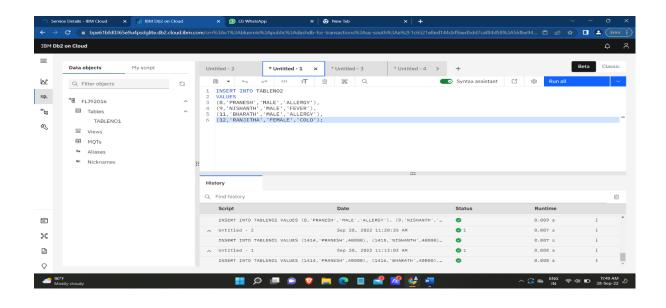
#### **VALUES**

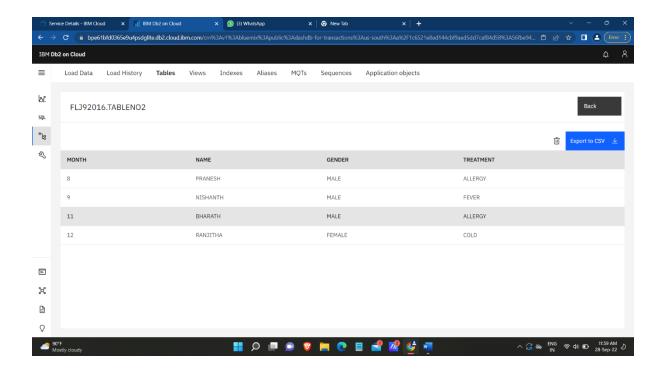
(8,'PRANESH','MALE','ALLERGY'),

(9,'NISHANTH','MALE','FEVER'),

(11,'BHARATH','MALE','ALLERGY'),

(12, 'RANJITHA', 'FEMALE', 'COLD');





## **INSERT INTO TABLENO3**

#### **VALUES**

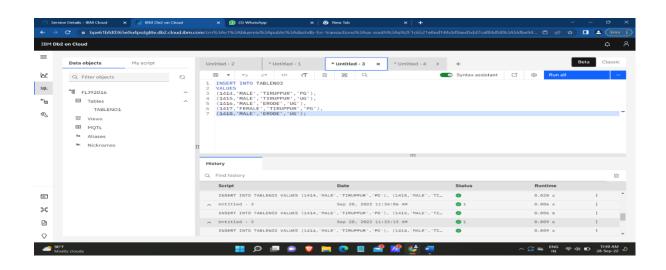
(1414, 'MALE', 'TIRUPPUR', 'PG'),

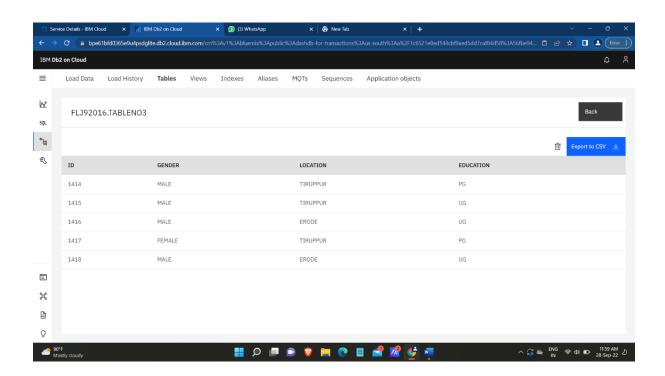
(1415, 'MALE', 'TIRUPPUR', 'UG'),

(1416, 'MALE', 'ERODE', 'UG'),

(1417, 'FEMALE', 'TIRUPPUR', 'PG'),

(1418, 'MALE', 'ERODE', 'UG');





#### **INSERT INTO TABLENO4**

#### **VALUES**

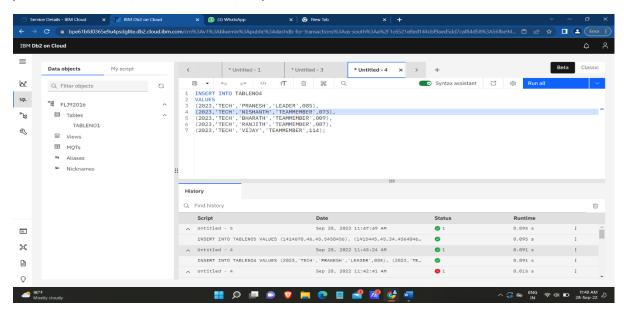
(2023, 'TECH', 'PRANESH', 'LEADER', 085),

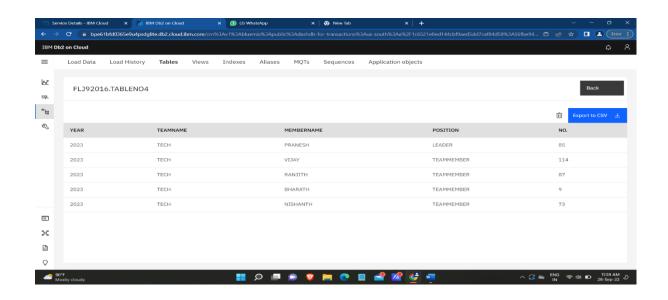
(2023, 'TECH', 'NISHANTH', 'TEAMMEMBER', 073),

(2023, 'TECH', 'BHARATH', 'TEAMMEMBER', 009),

(2023, 'TECH', 'RANJITH', 'TEAMMEMBER', 087),

(2023, 'TECH', 'VIJAY', 'TEAMMEMBER', 114);





#### **INSERT INTO TABLENO5**

#### **VALUES**

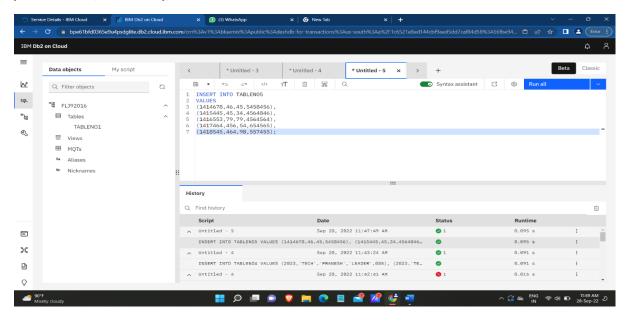
(1414678,46,45,5458456),

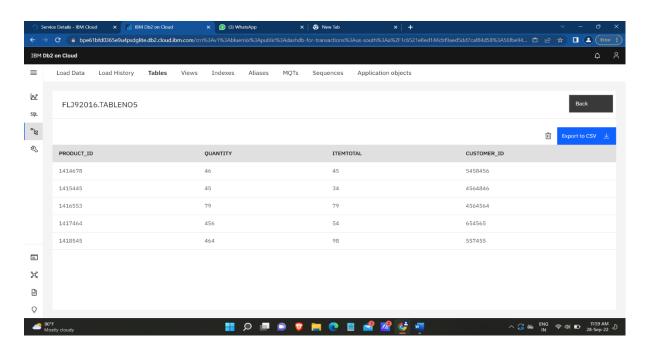
(1415445,45,34,4564846),

(1416553,79,79,4564564),

(1417464,456,54,654565),

(1418545,464,98,557455);





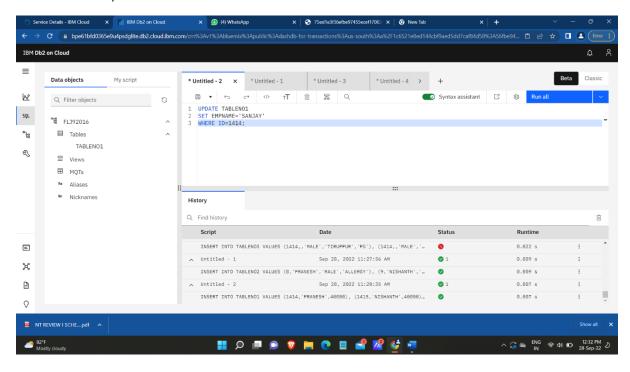
# 2. Perform UPDATE, DELETE queries in 5 tables:

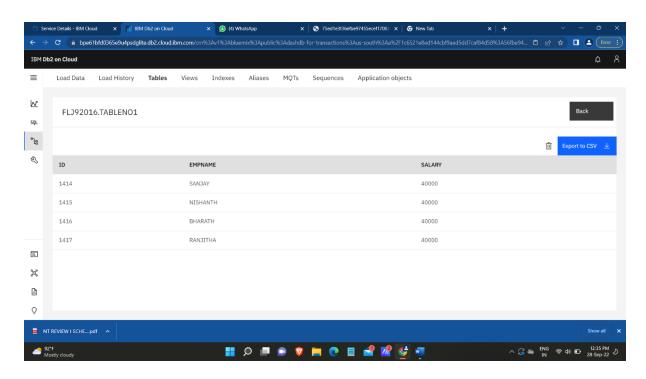
## **TABLE NO 1**

**UPDATE TABLENO1** 

SET EMPNAME='SANJAY'

WHERE ID=1414;





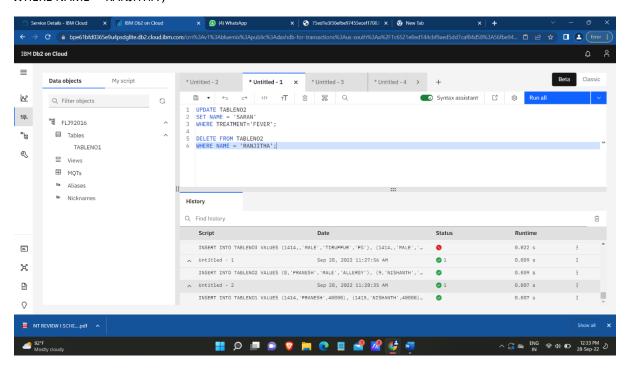
**UPDATE TABLENO2** 

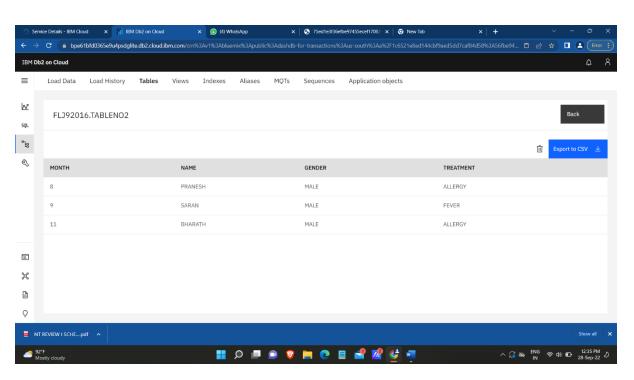
SET NAME = 'SARAN'

WHERE TREATMENT='FEVER';

**DELETE FROM TABLENO2** 

WHERE NAME = 'RANJITHA';





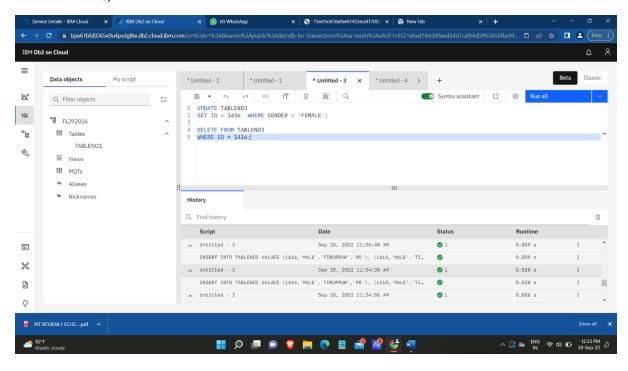
### **TABLE NO 3:**

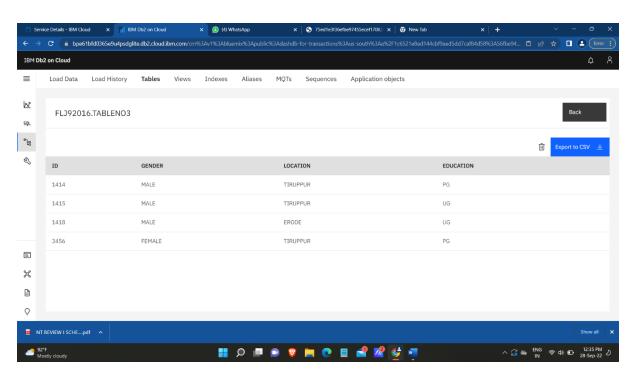
**UPDATE TABLENO3** 

SET ID = 3456 WHERE GENDER = 'FEMALE';

**DELETE FROM TABLENO3** 

WHERE ID = 1416;

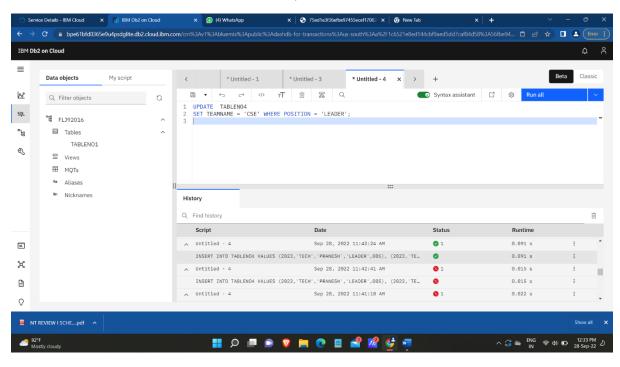


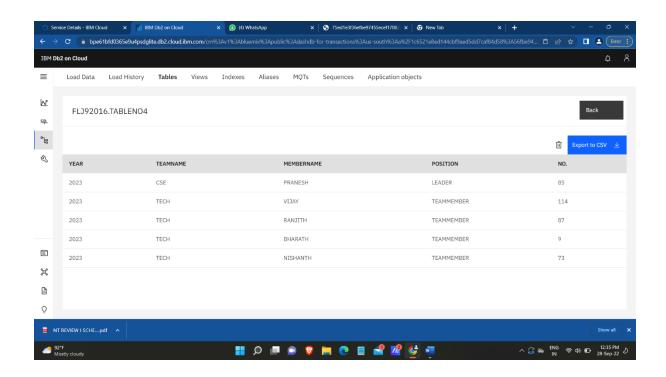


### **TABLE NO 4:**

#### **UPDATE TABLENO4**

SET TEAMNAME = 'CSE' WHERE POSITION = 'LEADER';





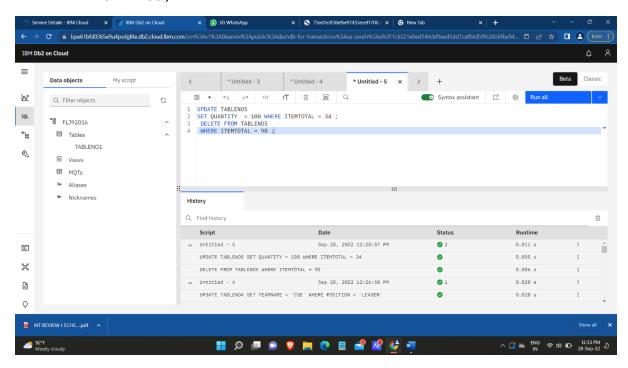
### **TABLE NO 5:**

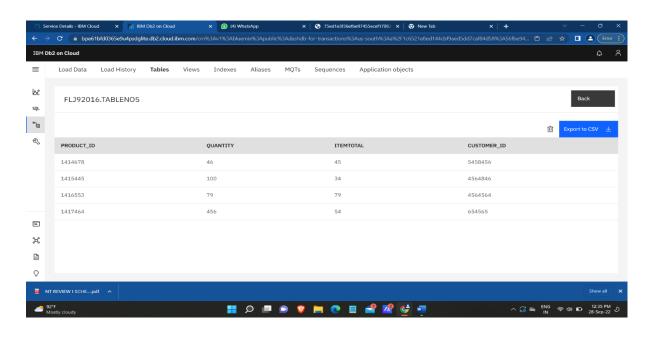
**UPDATE TABLENO5** 

SET QUANTITY = 100 WHERE ITEMTOTAL = 34;

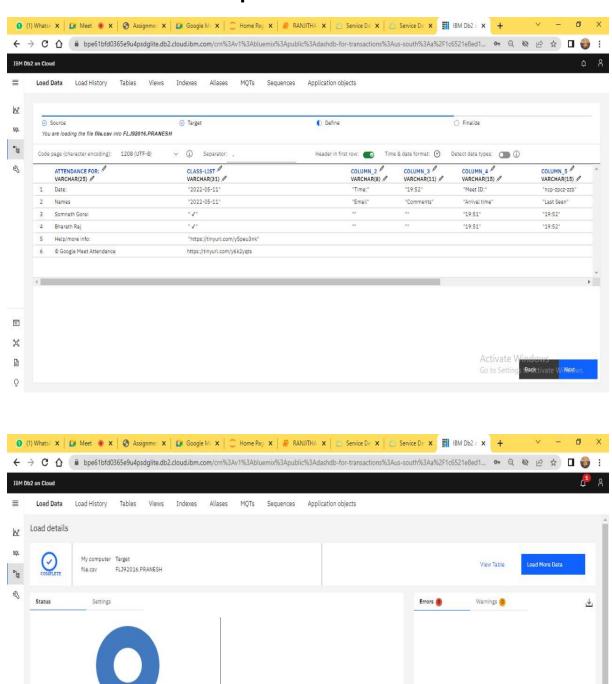
**DELETE FROM TABLENO5** 

WHERE ITEMTOTAL = 98;





## 3. Load excel comma seperated file to db2.12



The data load job succeeded.

Rows read Rows loaded Rows rejected

Start time
10/01/2022 3:27:37 PM

End time 10/01/2022 3:27:43 PM

×

No errors

## 4. Connect python to db2.

## CODE

```
import ibm_db
hostname = '9938aec0-8105-433e-8bf9-
Ofbb7e483086.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud'
uid = 'flj92016'
pwd = 'wxhYtwp6ojv7R7I4'
driver = "{IBM DB2 ODBC DRIVER}"
db = 'bludb'
port = '32459'
protocol = 'TCPIP'
cert = "PraneshCertificate.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())
```

```
Microsoft Windows [Version 10.0.19044.2006]
(c) Microsoft Corporation. All rights reserved.

C:\Users\vrmoh\cd PycharmProjects

C:\Users\vrmoh\PycharmProjects\tooo>python praneshIBM.py

DATABASE = bludb;HOSTNAME = 9938aec0-8105-433e-8bf9-0fbb7e483086.clogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT = 3
2459;UID = flj92016;SECURITY = SSL;SSlServerCertificate = PraneshCertificate.crt;PWD = wxhYtwp6ojv7R7I4;

connect to database

C:\Users\vrmoh\PycharmProjects\tooo>
```