

Assignment-4

Student Name	Nithyashree K
Student Roll Number	6113191031062
Maximum Marks	

ANSWER NO 1 TABLE NO 1:

INSERT INTO TABLENO1 VALUES(18,'Ram',88000,'ADMIN'),
(56,'SEETA',9000,'HELPDESK'),
(10,'MRUNAL',56000,'HR'),
(16,'PANDYA',78000,'DEVOP'),
(50,'LAXMI',88000,'TESTER');

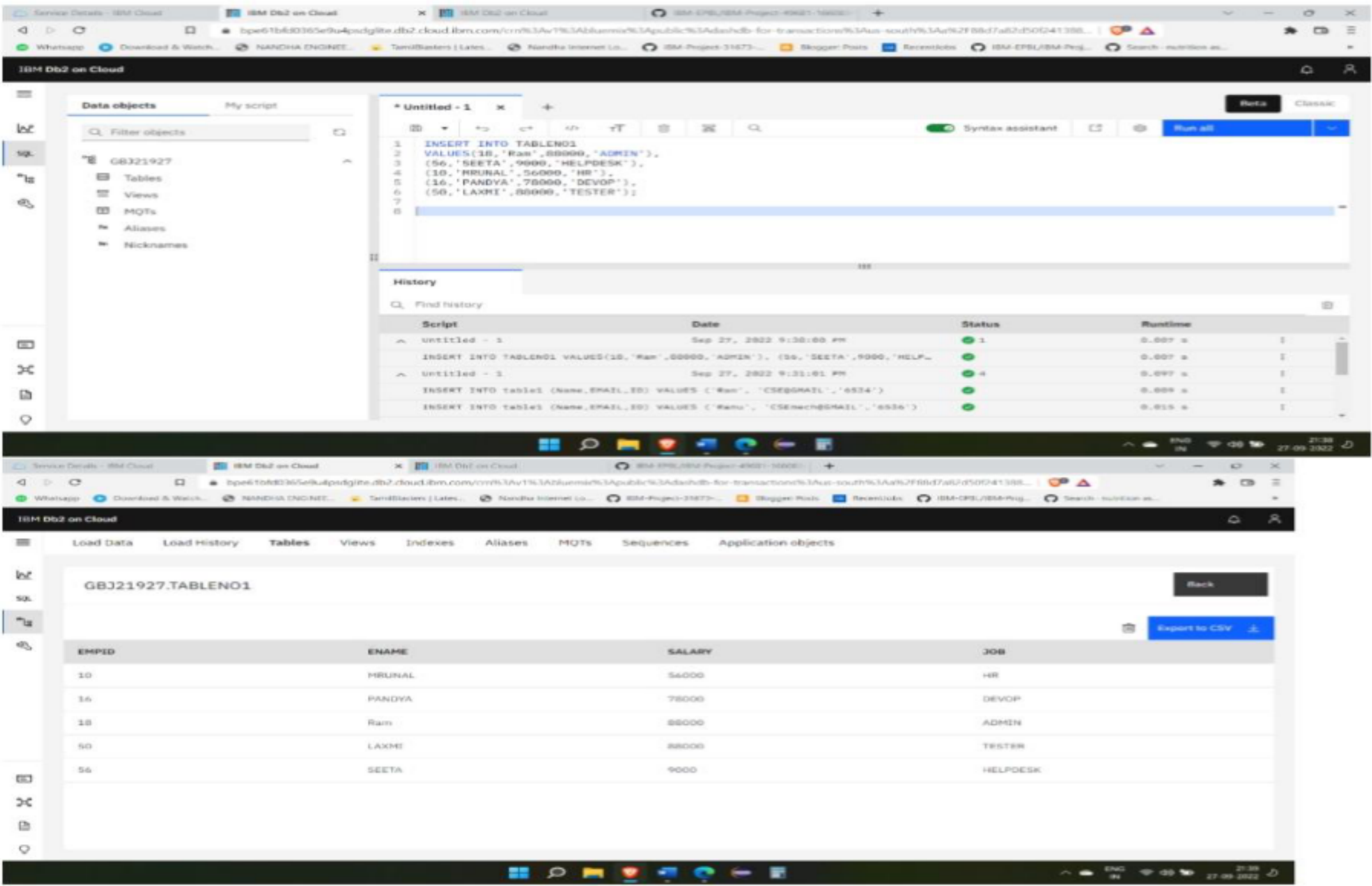


TABLE NO 2:

INSERT INTO TABLENO2 VALUES (167,'KUSHI',005),
(170,'ZAARA',008),

(188,'ANUPAMAA',034),
(100,'KANOOE',009),
(190,'VIDHYA',002);

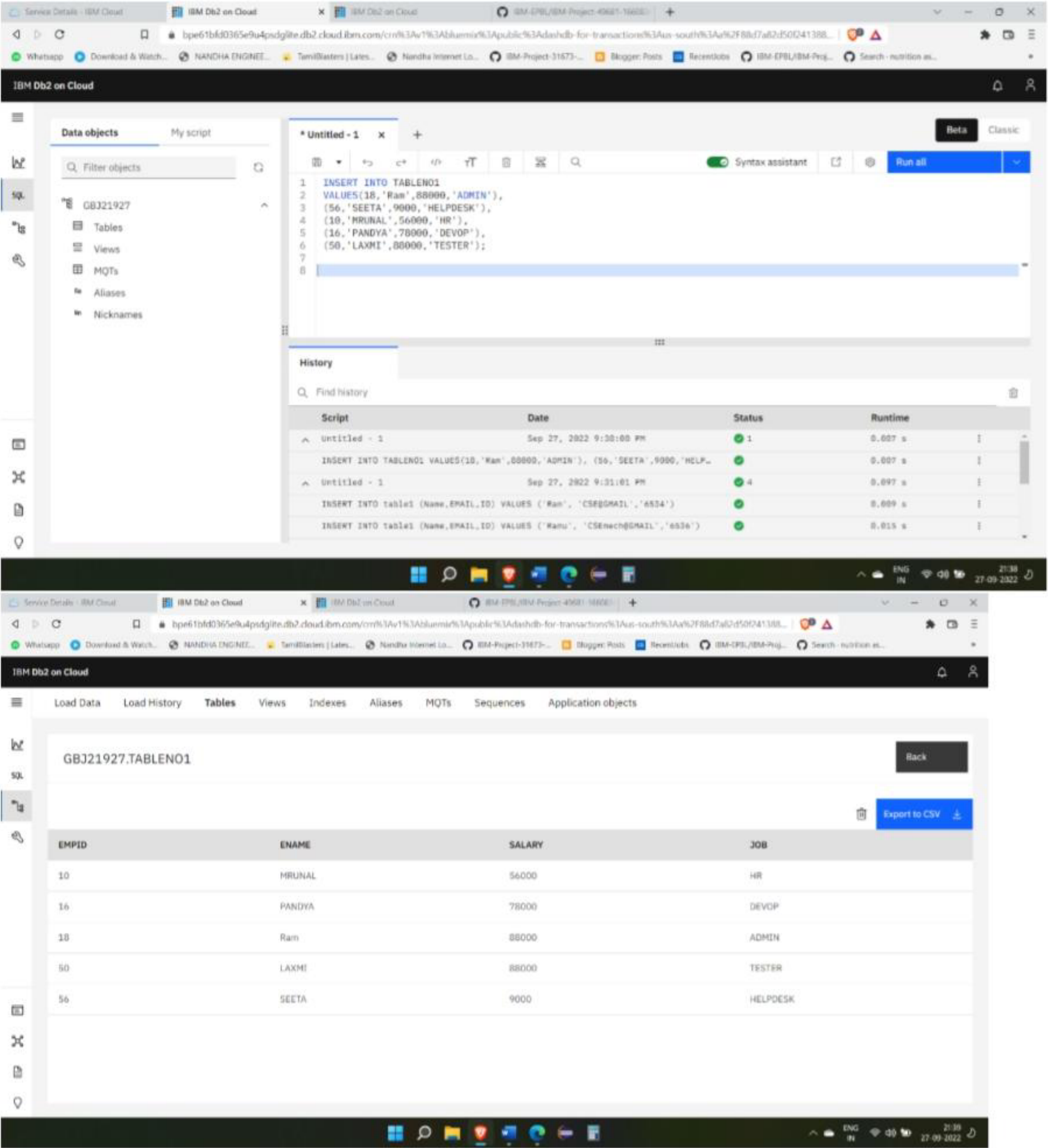


TABLE NO 3:
INSERT INTO TABLENO3 VALUES (12395,'RA1',9,'HINDI'),

(125456,'VIRUMAN',8,'TAMIL'),
(190345,'LIGER',7,'TELUGU'),
(167345,'KOSHI',9,'MALYALAM');

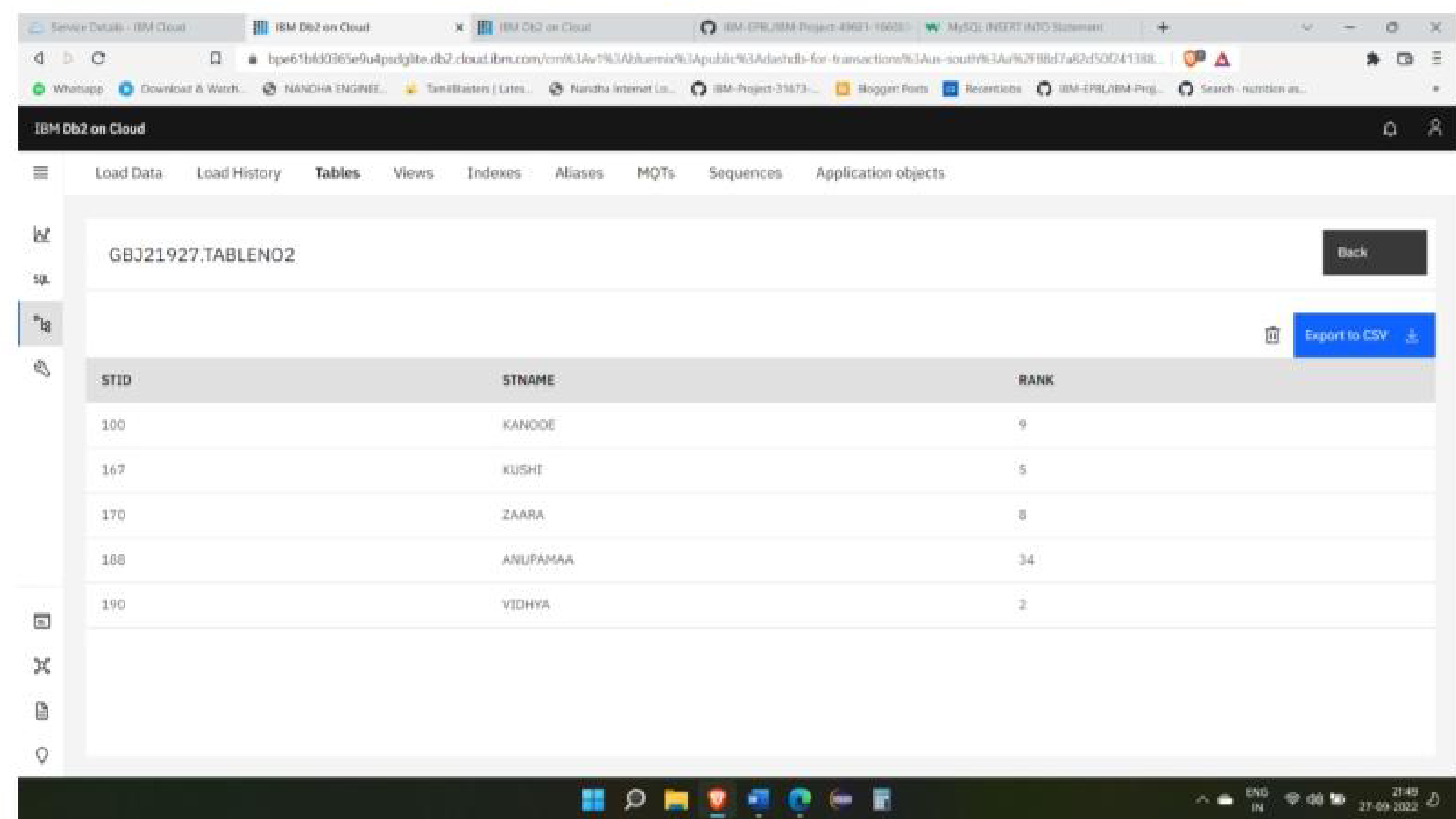
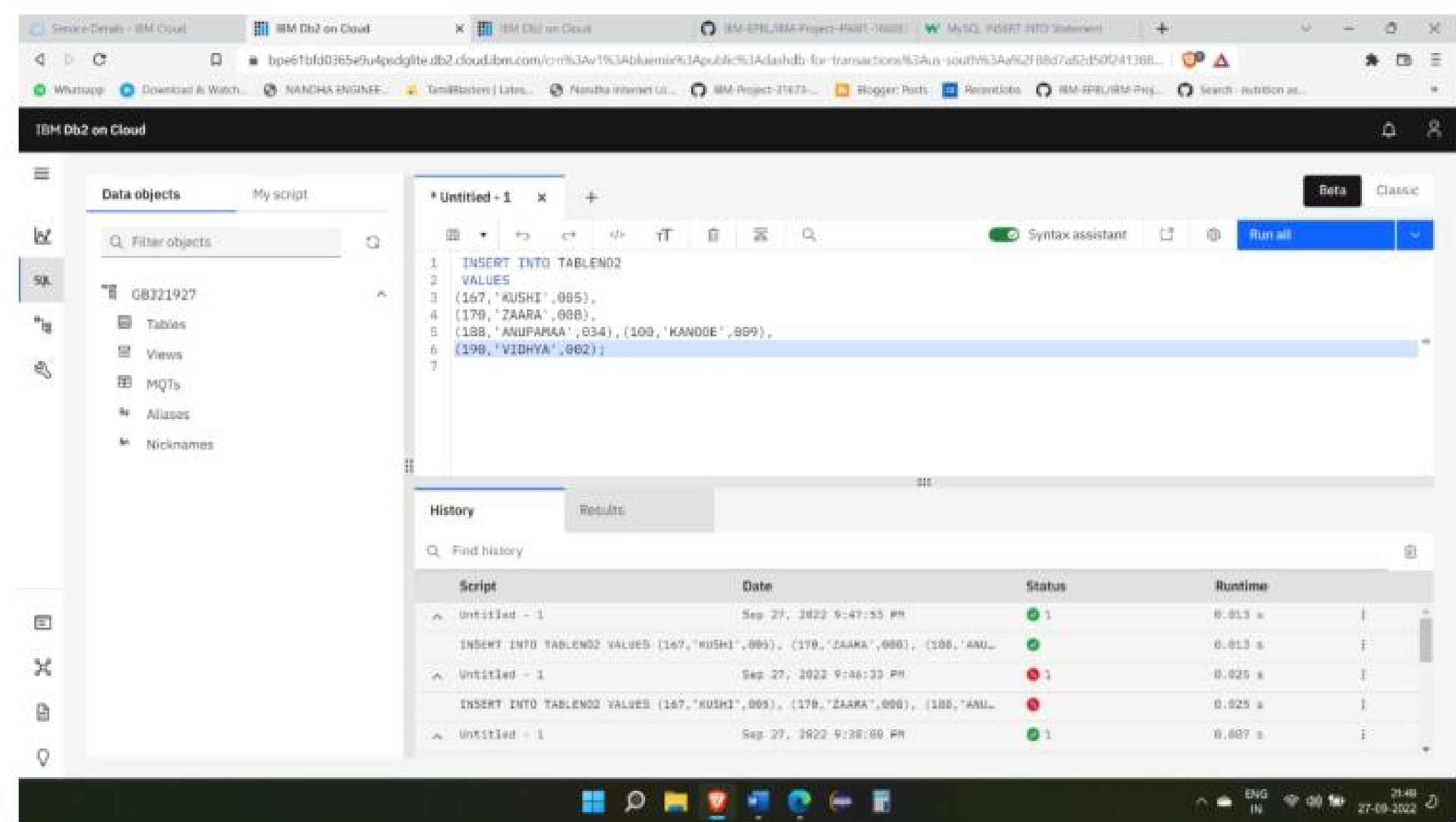


TABLE NO 4:
INSERT INTO TABLENO4 VALUES (123,'PEN',12),

(189,'PENCIL',9),
(233,'SCALE',10),
(893,'RUBBER',5),
(128,'CHART',5),
(103,'COMPASS',15),
(223,'INKBOTTLE',25);

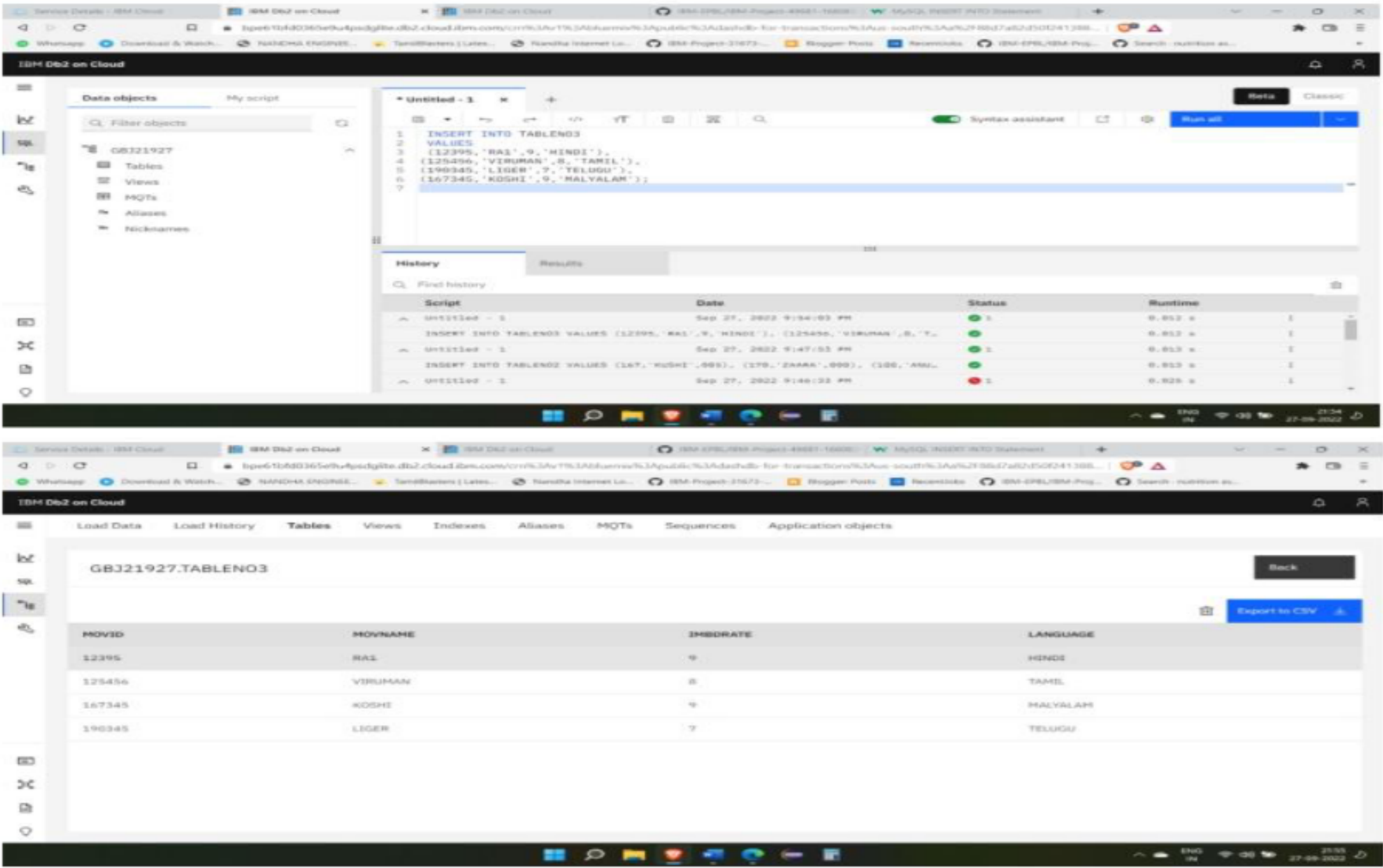
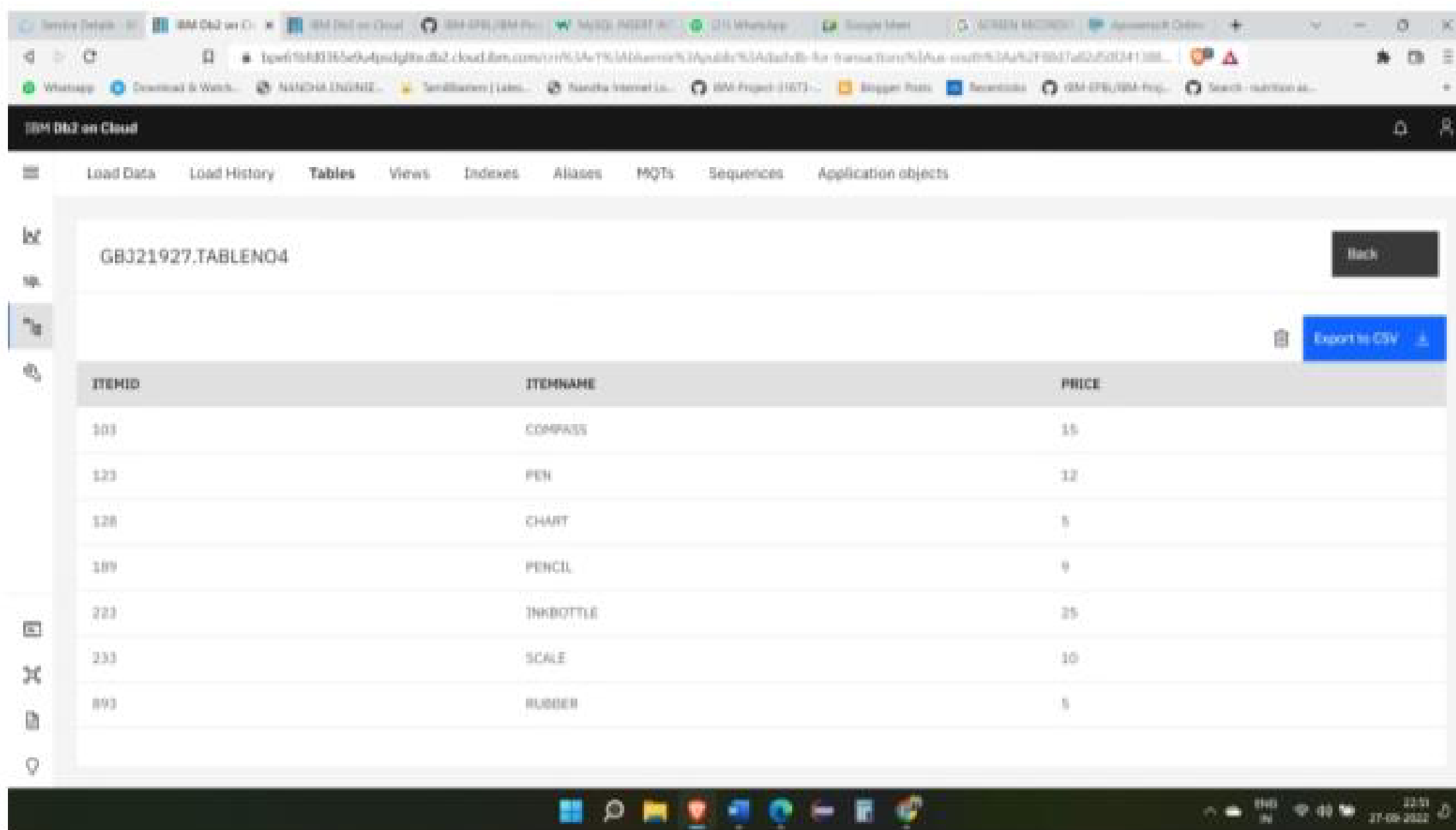
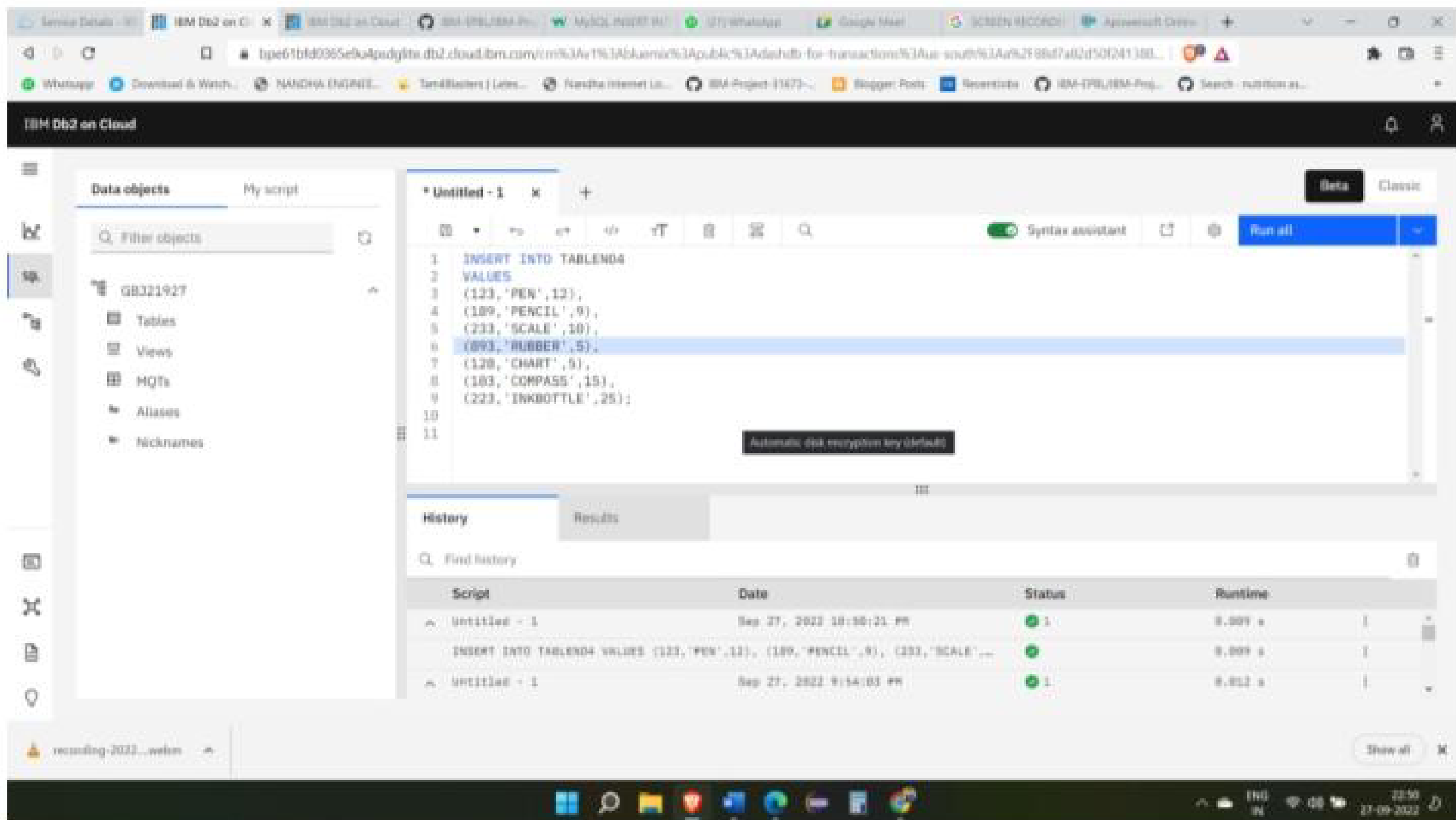


TABLE NO 5:
INSERT INTO TABLENO5 VALUES (23,'COCONUT',180,28),
(28,'CHICKEN',134,25),
(83,'MAKKAN',178,59),
(78,'NAAN',190,85),
(67,'PANEER',178,35);



ANSWER NO 2

TABLE NO 1:

UPDATE TABLENO1

SET ENAME='SANJAY'

WHERE SALARY=88000;

DELETE FROM TABLENO1

WHERE ENAME='MRUNAL';

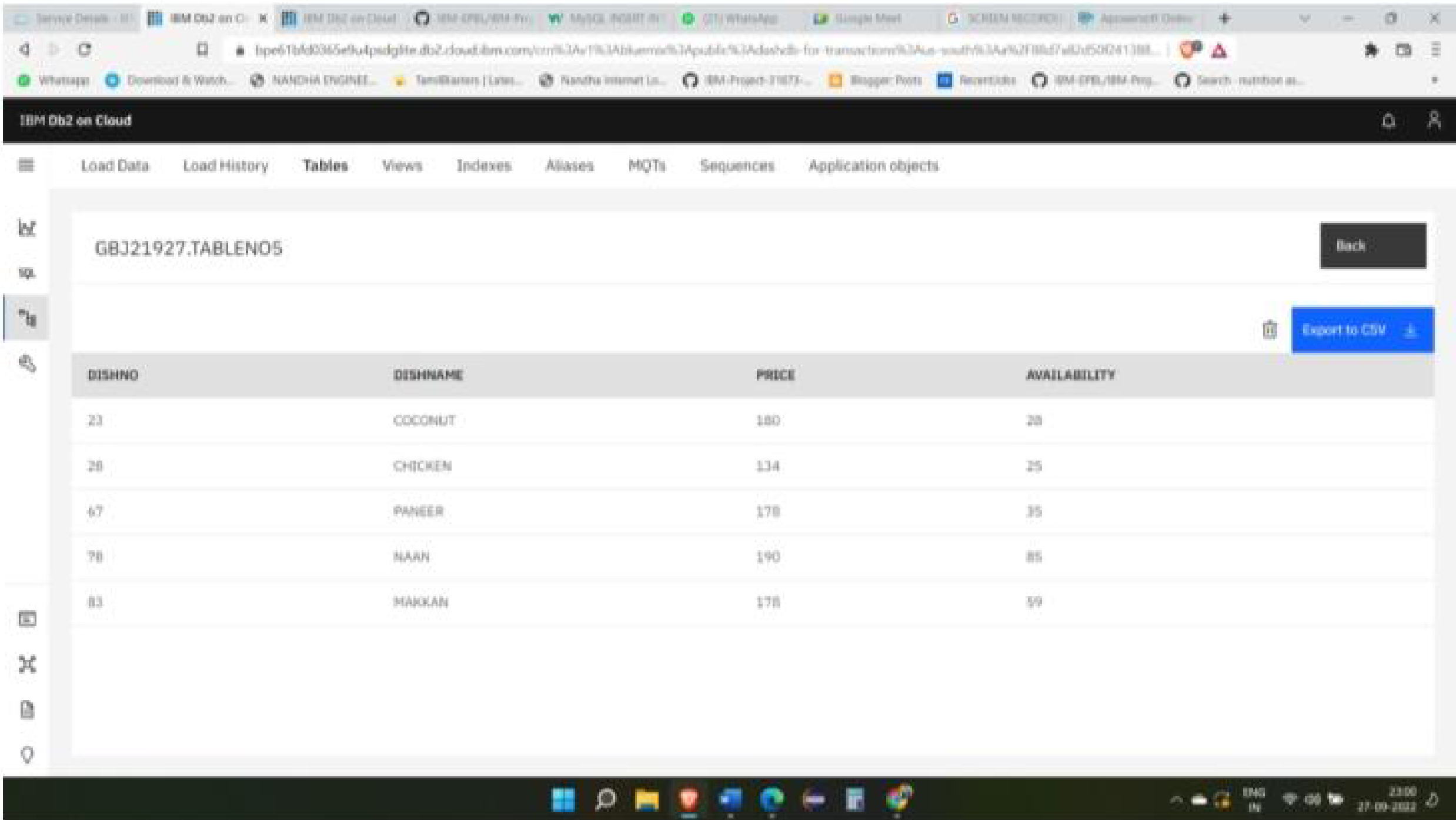
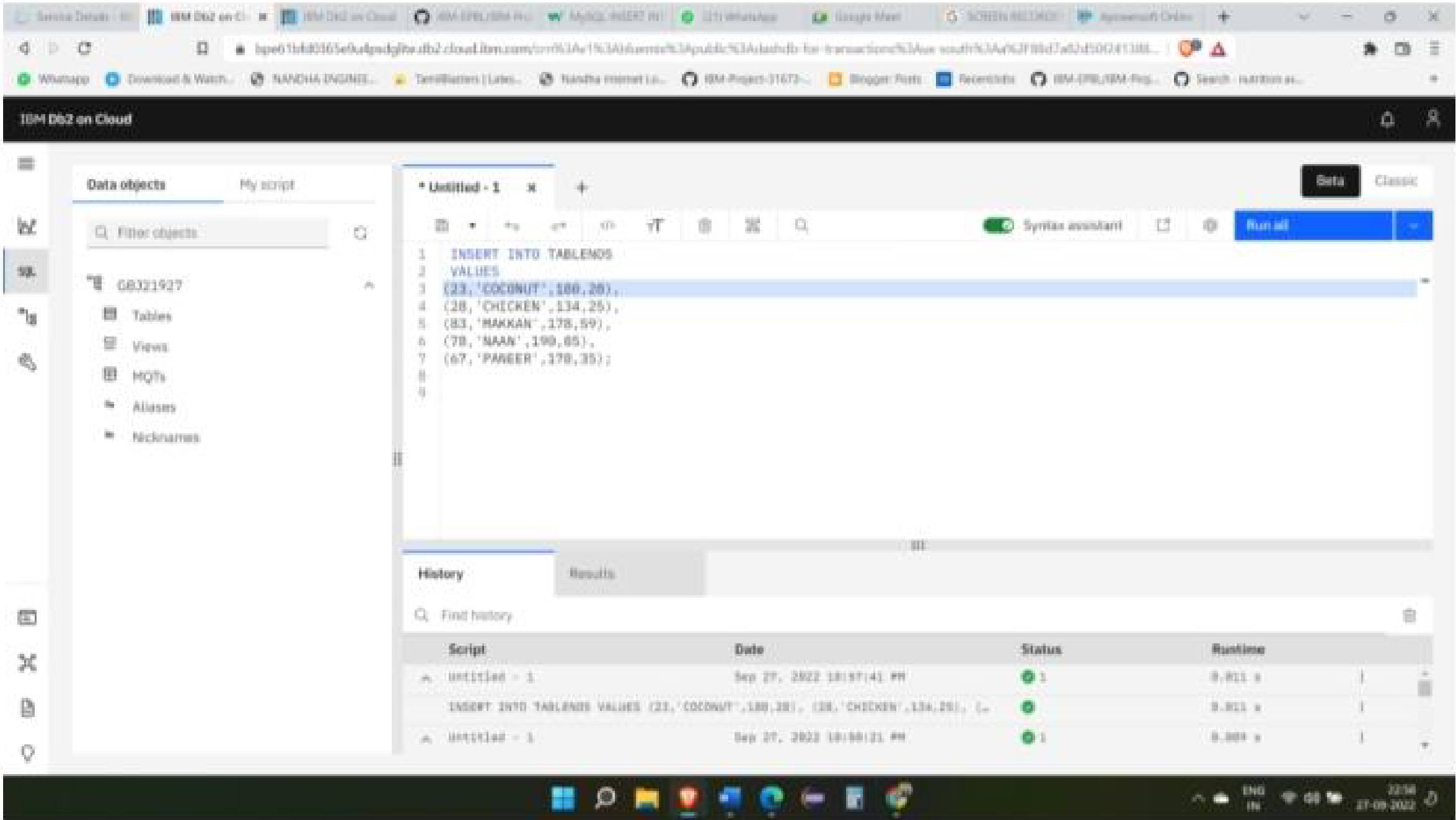


TABLE NO 2:

INSERT INTO TABLENO2 VALUES ('Saran',87,'Bangalore',0.13),
('Vijay',100,'Chennai',0.14),
('Bharath',78,'Mumbai',0.12),

('Ramya',99,'London',0.15),
('Lakshmi', 80,'Pune',0.19);

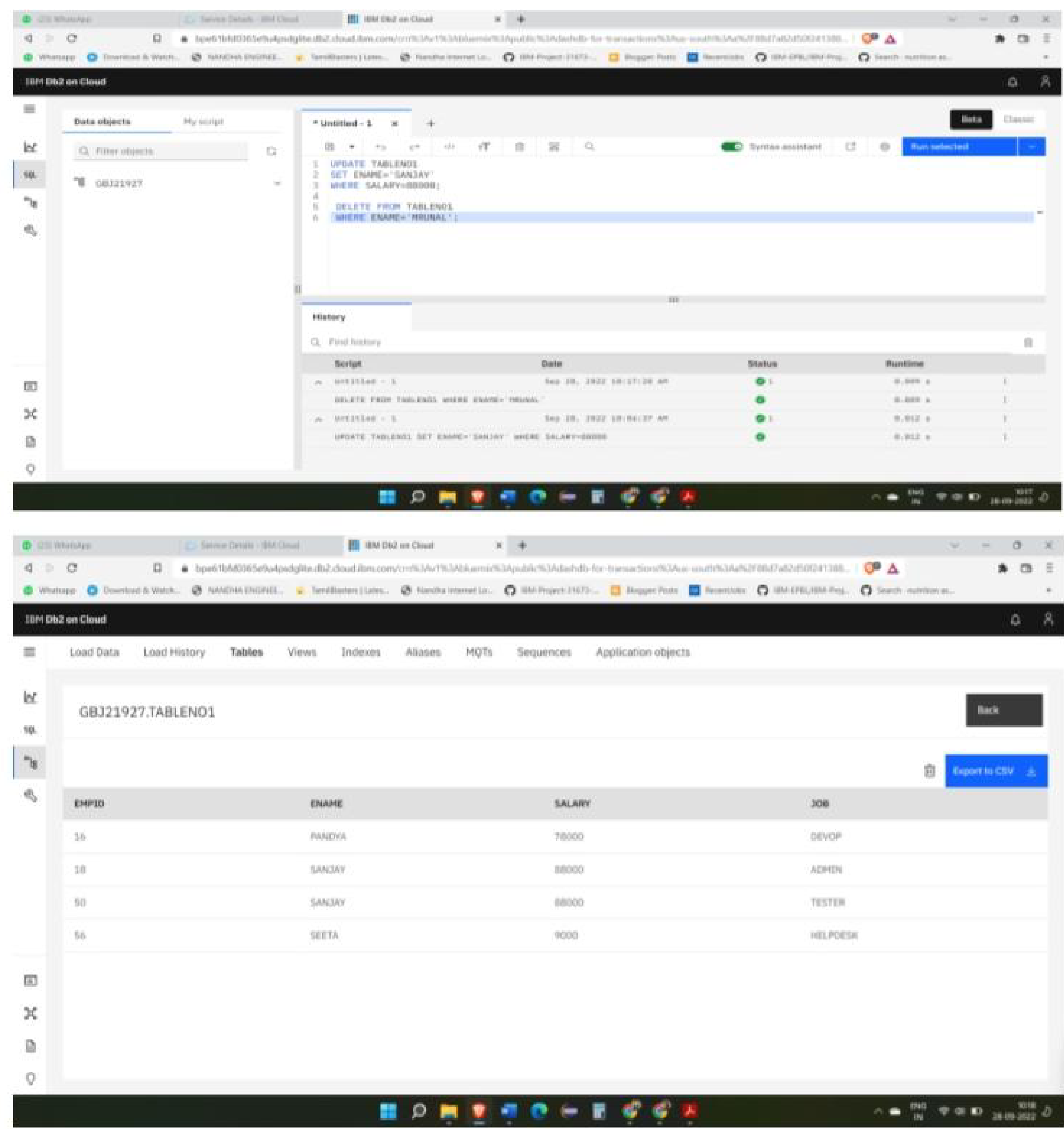
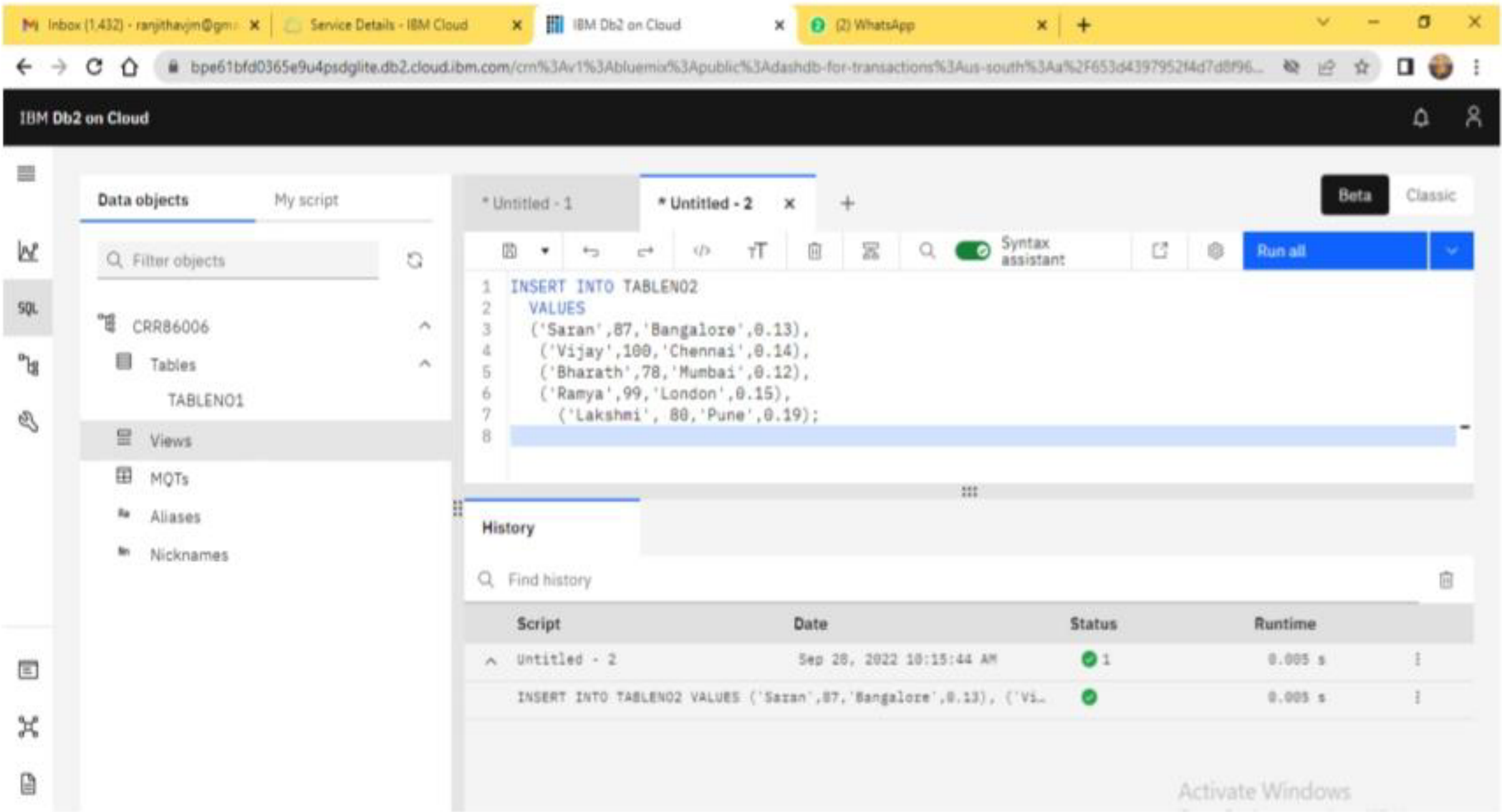


TABLE NO 3:

INSERT INTO TABLENO3 VALUES ('APPLE',3456,180,134,45),
('ORANGE',3478,200,180,250),
('BANANA',3468,50,40,100),
('LEMON',3466,80,50,50),

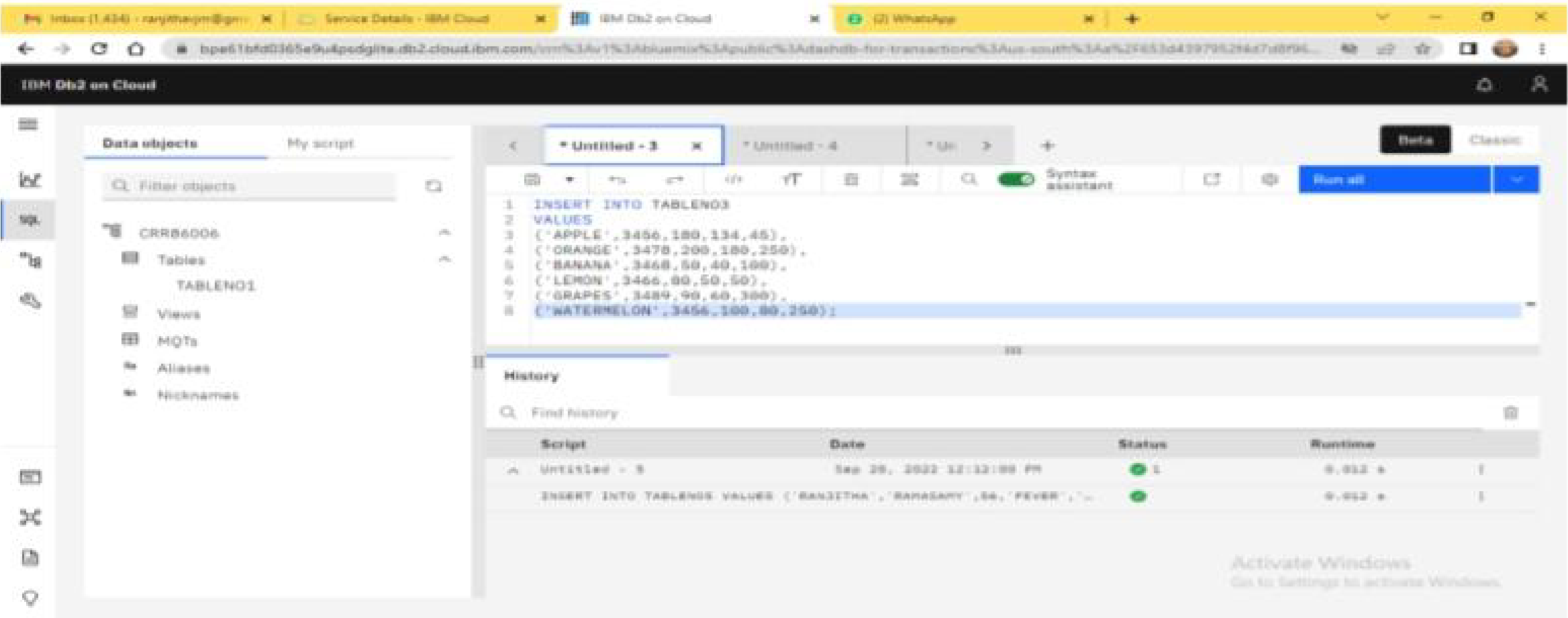
('GRAPES',3489,90,60,300),
('WATERMELON',3456,100,80,250);



The screenshot shows the IBM Db2 on Cloud console displaying the data in the 'CRR86006.TABLENO2' table. The table has the following columns: AGENT NAME, AGENT CODE, LOCATION, and COMISSION. The data is as follows:

AGENT NAME	AGENT CODE	LOCATION	COMISSION
Bharath	897	Mumbai	0.12
Sanjay	945	Agra	0.92
Saran	867	Bangalore	0.13
Vicky	456	Pune	0.45
Vijay	598	Chennai	0.17

TABLE NO 4:
INSERT INTO TABLENO4 VALUES (897,'BHARATH','RAJ','9976586134','NO'),
(888,'VIJAY','PRABU','6381095311','NO'),
(883,'VIGNESH','KUMAR','8838409020','NO'),
(881,'SHEELA','DEVI','9750048062','NO'),
(878,'PRANESH','RAJA','9942332237','NO');



The screenshot shows the IBM Db2 on Cloud console with the 'Tables' tab selected. The table 'CRR86006.TABLENO3' is displayed with the following data:

PRODUCT NAME	PRODUCT CODE	BUY PRICE	MRP	STOCK
APPLE	3456	100	134	45
APPLE	3456	180	134	45
BANANA	3468	50	40	100
GRAPES	3489	90	60	300
LEMON	3466	80	50	50
ORANGE	3478	200	180	250
WATERMELON	3456	100	80	250

TABLE NO 5:

INSERT INTO TABLENO5 VALUES ('RANJITHA','RAMASAMY',56,'FEVER','ONLINE'),
('SANDHYA','PALANISAMY',78,'COLD','OFFLINE'),
('KOWSALYA','SANJAY',98,'COUGH','ONLINE'),
('NITHYA','RAM',34,'HEADACHE','ONLINE');

IBM Db2 on Cloud

Data objects My script

Filter objects

CRR86006

Tables

TABLENO1

Views

MQTs

Aliases

Nicknames

SQL

History

Find history

Script	Date	Status	Runtime
Untitled - 5	Sep 28, 2022 12:12:00 PM	1	0.012 s
INSERT INTO TABLENO5 VALUES ('RANJITHA', 'RAMASAMY', 56, 'FEVER', '...)			0.012 s

Activate Windows
Go to Settings to activate Windows.

IBM Db2 on Cloud

Load Data Load History Tables Views Indexes Aliases MQTs Sequences Application objects

CRR86006.TABLENO4

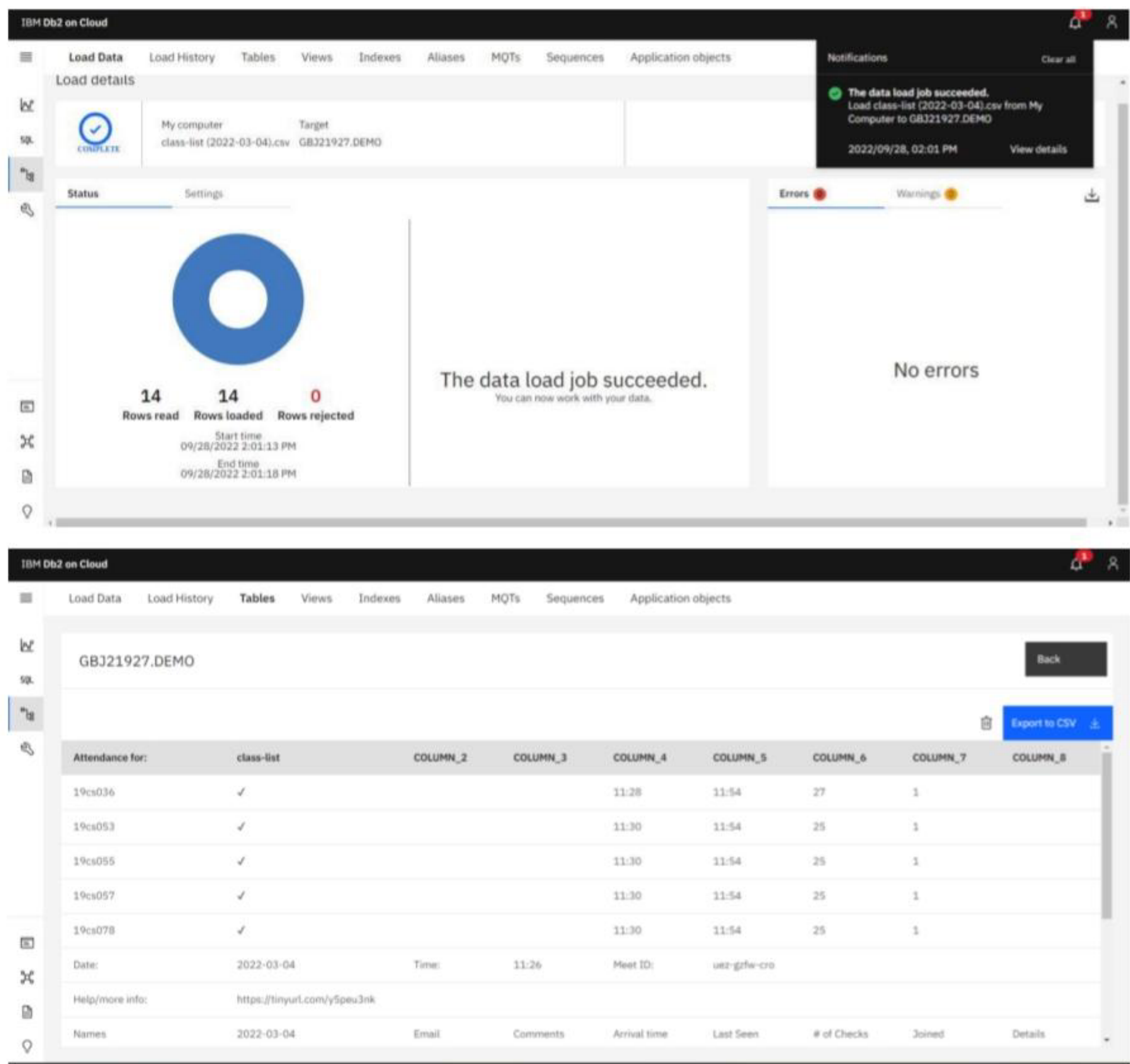
Back

Export to CSV

CONTACT ID	FIRST NAME	LAST NAME	PHONE	MARITAL STATUS
878	PRANESH	RAJA	9942332237	NO
881	SHEELA	DEVI	9750048062	NO
883	VIGNESH	KUMAR	8838409020	NO
888	VIJAY	PRABU	6381095311	NO
897	BHARATH	RAJ	9976586134	NO

Activate Windows
Go to Settings to activate Windows.

ANSWER 3:



ANSWER NO 4

```
import ibm_db

hostname = '2f3279a5-73d1-4859-88f0-a6c3e6b4b907.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud'

uid = 'gbj21927'

pwd = 'skRdfv9YUhrJjxeo' driver = "{IBM DB2 ODBC DRIVER}"

db = 'bludb'

port = '30756'
```

```

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())

```

```

In [1]: import ibm_db

hostname = '2f3279a5-73d1-4859-88f0-a6c3e6b4b907.c3n41cmd0nqnk39u98g.databases.appdomain.cloud'
uid = 'gbj21927'
pwd = 'skRdfv9YUhrjJxao'
driver = "(IBM DB2 ODBC DRIVER)"
db = 'bludb'
port = '30756'
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())

DATABASE = bludb;HOSTNAME = 2f3279a5-73d1-4859-88f0-a6c3e6b4b907.c3n41cmd0nqnk39u98g.databases.appdomain.cloud;PORT = 30756;UID = gbj21927;SECURITY = SSL;SSLServerCertificate = CRT1.crt;PWD = skRdfv9YUhrjJxao;
connect to database

```