

ASSIGNMENT – 2

NAME : KARTHIKEYAN G

TEAM ID : PNT2022TMID19415

PROJECT NAME : SKILL / JOB RECOMMENDER APPLICATION

1.CREATE 5 TABLES IN IBM db2 and insert data by using insert query.& 2.PERFORM UPDATE , DELETE QUERIES in 5 tables:

TABLE !

```
INSERT INTO table1 (Name, Roll)
```

```
VALUES ('Ram', '12');
```

```
INSERT INTO table1 (Name, Roll)
```

```
VALUES ('Gokul', '13');
```

```
INSERT INTO table1 (Name, Roll)
```

```
VALUES ('Raj', '14');
```

```
UPDATE table1
```

```
SET Roll = '21'
```

```
WHERE Name = 'Raj';
```

```
DELETE FROM table1
```

```
WHERE Roll = '13';
```

IBM Db2 on Cloud

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

ZJY22647.TABLE1

Back

Export to CSV

| NAME | ROLL |
|------|------|
| Raj | 21 |
| Ram | 12 |

TABLE2

```
INSERT INTO table2 (Name,Location)
```

```
VALUES ('Ram', 'mumbai');
```

```
INSERT INTO table2 (Name,Location)
```

```
VALUES ('Gokul', 'delhi');
```

```
INSERT INTO table2 (Name,Location)
```

```
VALUES ('Raj', 'pune');
```

```
UPDATE table2
```

```
SET Location = 'goa'
```

```
WHERE Name = 'Raj';
```

```
DELETE FROM table2
```

```
WHERE Location = 'mumbai';
```

IBM Db2 on Cloud

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

ZJY22647.TABLE2 Back

Export to CSV

| NAME | LOCATION |
|-------|----------|
| Gokul | delhi |
| Raj | goa |

TABLE 3

INSERT INTO table3 (Name, Mark)

VALUES ('Ram', '65');

INSERT INTO table3 (Name, Mark)

VALUES ('Gokul', '85');

INSERT INTO table3 (Name, Mark)

VALUES ('Raj', '95');

UPDATE table3

SET Mark = '75'

WHERE Name = 'Raj';

DELETE FROM table3

WHERE Mark = '85';

The screenshot shows the IBM Db2 on Cloud console. The table 'ZJY22647.TABLE3' is displayed with the following data:

| NAME | MARK |
|------|------|
| Raj | 75 |
| Ram | 65 |

TABLE 4

```
INSERT INTO table4 (Name, Worktime)
```

```
VALUES ('Ram', '8');
```

```
INSERT INTO table4 (Name, Worktime)
```

```
VALUES ('Gokul', '6');
```

```
INSERT INTO table4 (Name, Worktime)
```

```
VALUES ('Raj', '12');
```

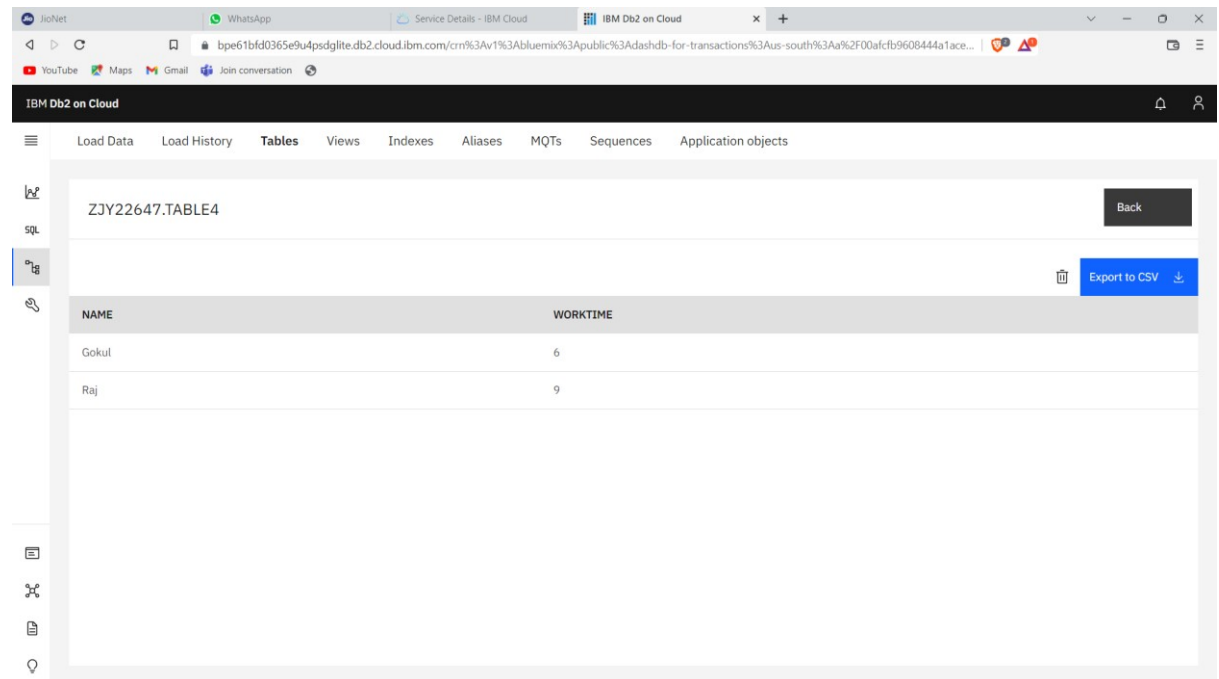
```
UPDATE table4
```

```
SET Worktime = '9'
```

```
WHERE Name = 'Raj';
```

```
DELETE FROM table4
```

WHERE Worktime = '8';



| NAME | WORKTIME |
|-------|----------|
| Gokul | 6 |
| Raj | 9 |

TABLE 5

INSERT INTO table5 (Id, Name)

VALUES ('12', 'raj');

INSERT INTO table5 (Id, Name)

VALUES ('13', 'gokul');

INSERT INTO table5 (Id, Name)

VALUES ('14', 'ram');

UPDATE table5

SET Name = 'babu'

WHERE id = '12';

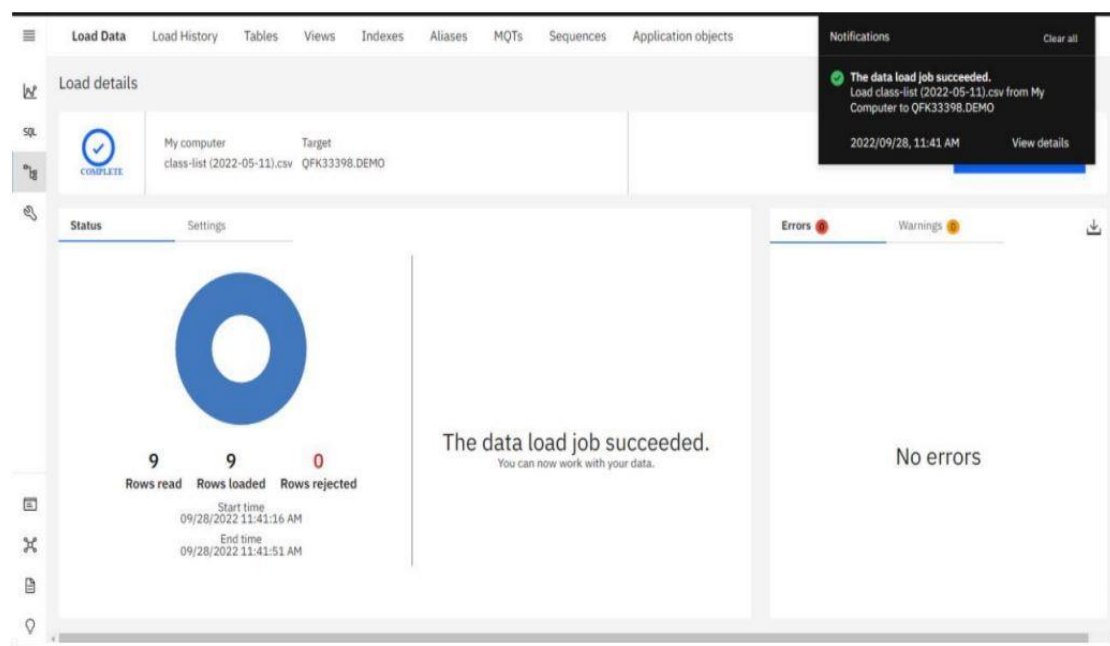
DELETE FROM table5

WHERE Name = 'ram';

The screenshot shows the IBM Db2 on Cloud console interface. The top navigation bar includes 'Load Data', 'Load History', 'Tables', 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', and 'Application objects'. The 'Tables' tab is selected, displaying a table named 'ZJY22647.TABLE5'. The table has two columns: 'ID' and 'NAME'. There are two rows of data: one with ID 12 and NAME 'babu', and another with ID 13 and NAME 'gokul'. A 'Back' button is in the top right, and an 'Export to CSV' button is in the top right of the table area.

| ID | NAME |
|----|-------|
| 12 | babu |
| 13 | gokul |

3.LOAD EXCEL COMMA SEPERATED FILE TO db2




```
import ibm_db

hostname = 'b0aebb68-94fa-46ec-a1fc-
1c999edb6187.c3n41cmd0nqnrk39u98g.databases.appdomain.
cloud'

uid = 'zjy22647'

pwd = 'T3ZooYPz4J00CwKq'

driver = "{IBM DB2 ODBC DRIVER}"

db = 'bludb'

port = '31249'

protocol = 'TCPIP'

cert = 'karthicertificate.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())
```