Assignment -2

Assignment Date	16 September 2022
Student Name	Dineshkumar. K
Student Roll Number	420619104013
Maximum Marks	2 Marks
Project Name	Job/skill recommender application

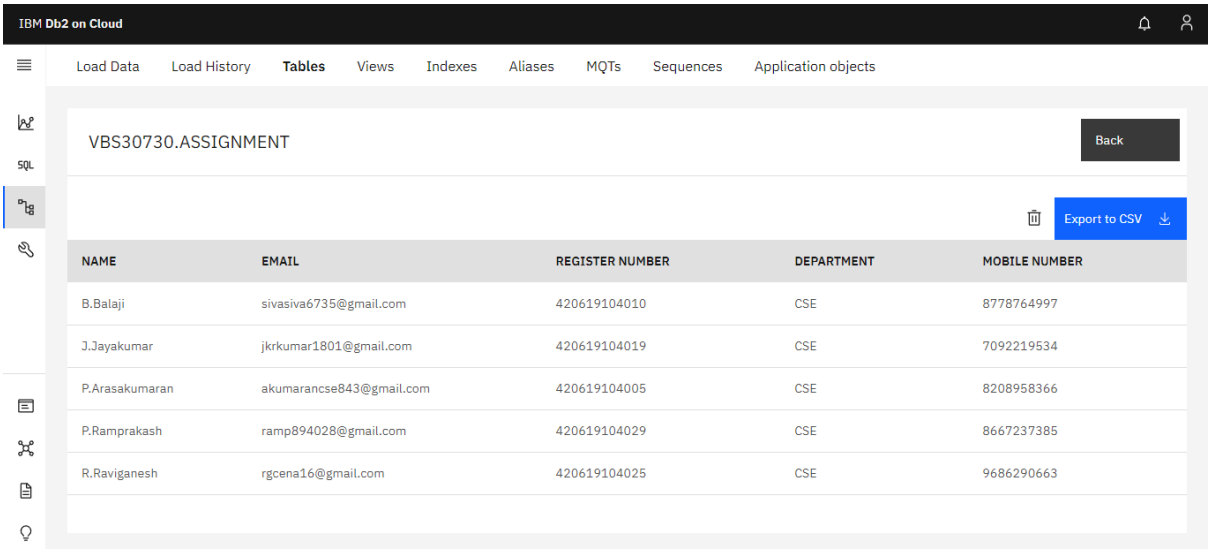
Question-1:

1) Create 5 tables in IBM db2 and insert data by using insert query.

Solution:

INSERT INTO ASSIGNMENT (NAME,EMAIL,REGISTER NUMBER,DEPARTMENT,MOBILE NUMBER)

VALUES('IBM','test@ibm.com','9000');



Question-2:

2) Perform UPDATE, DELETE queries in 5 tables.

Solution:

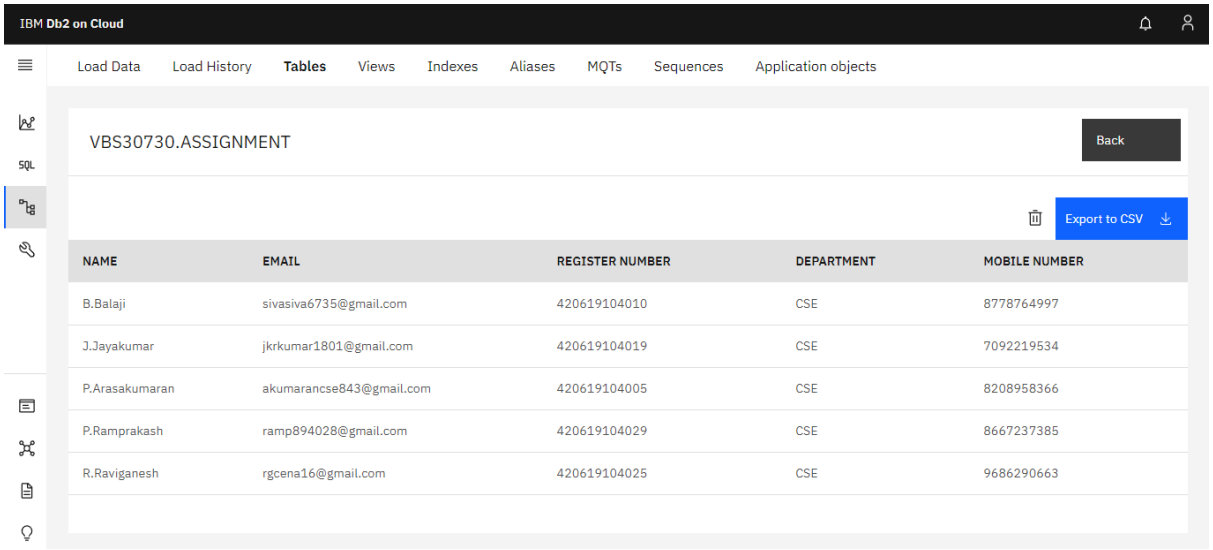
```
UPDATE ASSIGNMENT
SET  Mobile Number ='Phone Number'
WHERE Name=R.Raviganesh;

DELETE FROM ASSIGNMENT
WHERE [A.Arunkumar]
```

Question-3:

3) Load excel comma separated file to db2?

Solution:

NAME	EMAIL	REGISTER NUMBER	DEPARTMENT	PHONE NUMBER
A.Arunkumar	arunkumar04042002a@gmail.com	420619104008	CSE	9150671908
P.Ramprakash	ramp894028@gmail.com	420619104029	CSE	8667237385
J.Jayakumar	jkrkumar1801@gmail.com	420619104019	CSE	7092219534
B.Balaji	sivasiva6735@gmail.com	420619104010	CSE	8778764997
P.Arasakumaran	akumarancse843@gmail.com	420619104005	CSE	8208958366



Question-4:

4) Connect python to db2.

Solution:

```
import ibm_db

hostname="824dfd4d-99de-440d-
9991629c01b3832d.bs2io90l08kqb1od8lcg.databases.appdomain.cloud"
uid="vbs30730"
pwd="JjuONYwOmUXnbHNx"
driver="{IBM DB2 ODBC DRIVER}"
db="bludb"
port="30119"
protocol="TCPIP"
cert="certificate.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("Connected to data base")
except:
   print("Unable to Connect",ibm_db.conn_errormsg())
```