Assignment -2

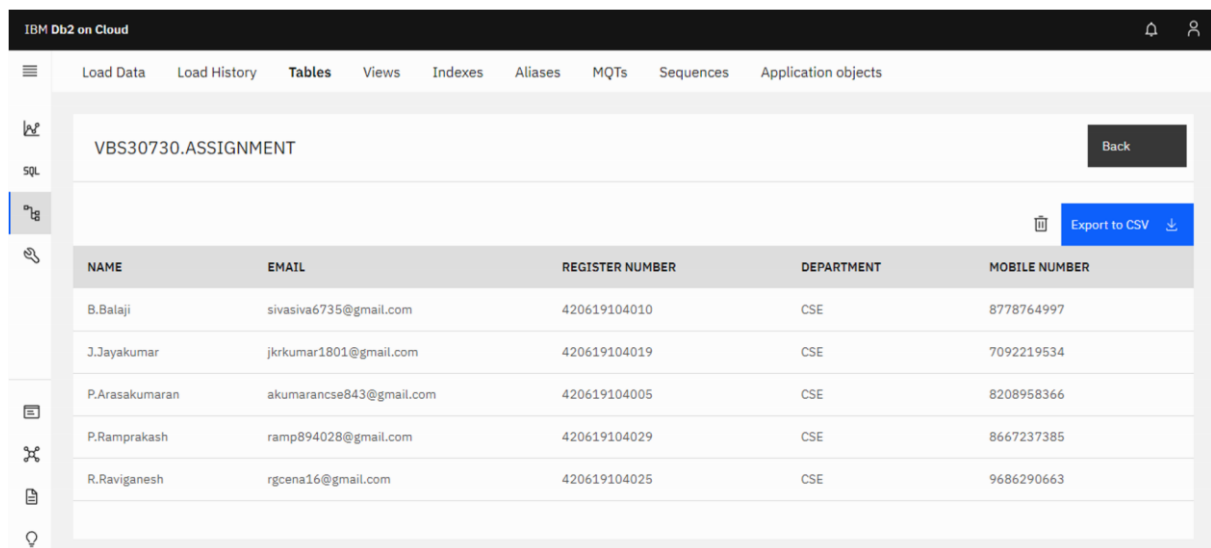| Assignment Date	16 September 2022
Student Name	Ramprakash.P
Student Roll Number	420619104029
Maximum Marks	2 Marks
Project Name	Plasma Donor Application

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

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

VBS30730.ASSIGNMENT   [Back]

🗑   Export to CSV ⬇

NAME	EMAIL	REGISTER NUMBER	DEPARTMENT	MOBILE NUMBER
B.Balaji	sivasiva6735@gmail.com	420619104010	CSE	8778764997
J.Jayakumar	jkrkumar1801@gmail.com	420619104019	CSE	7092219534
P.Arasakumaran	akumarancse843@gmail.com	420619104005	CSE	8208958366
P.Ramprakash	ramp894028@gmail.com	420619104029	CSE	8667237385
R.Raviganesh	rgcena16@gmail.com	420619104025	CSE	9686290663

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())
```

```python
import ibm_db

hostname="824dfd4d-99de-440d-9991-629c01b3832d.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())
```

Select C:\Windows\System32\cmd.exe

```
E:\practice\db2connection>python dbapp.py
DATABASE=bludb;HOSTNAME=824dfd4d-99de-440d-9991-629c01b3832d.bs2io90l08k
qb1od8lcg.databases.appdomain.cloud;PORT=30119;UID=vbs30730;SECURITY=SSL
;SSLServerCertificate=certificate.crt;PWD=JjuONYwOmUXnbHNx;
Connected to data base

E:\practice\db2connection>
```