Assignment-2

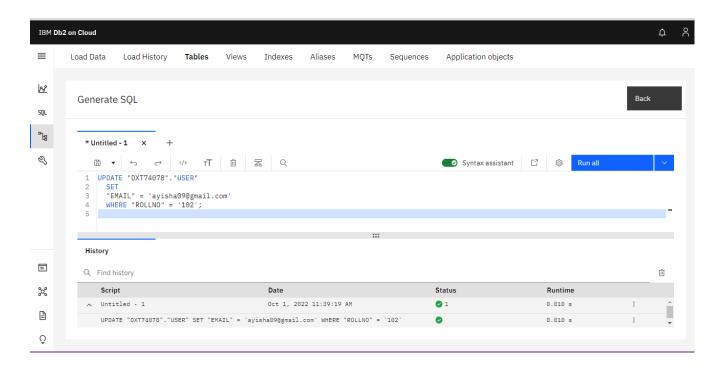| Date	19 September 2022
Student Name	Shivaani.R
Student Rollno	813819104092
Marks	2

1.Create User table with roll number, username, email, password.

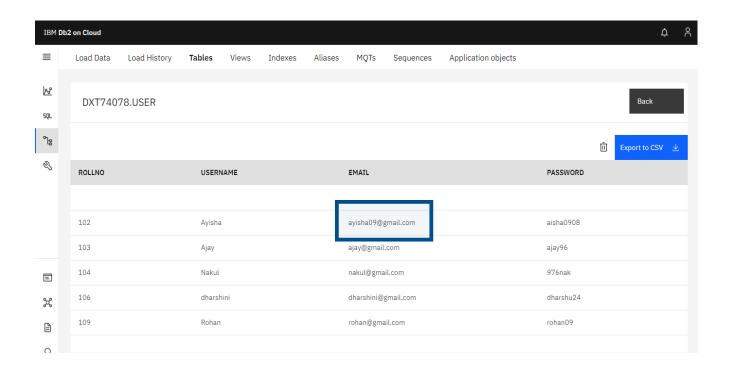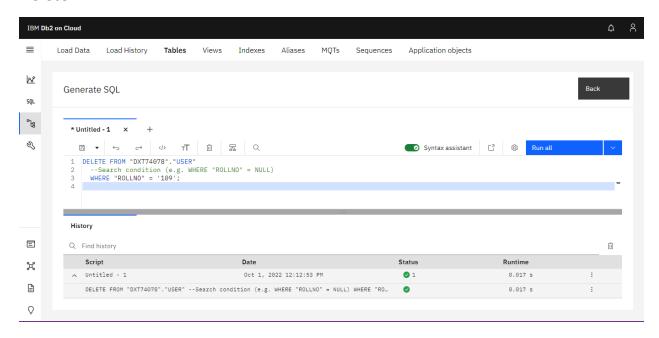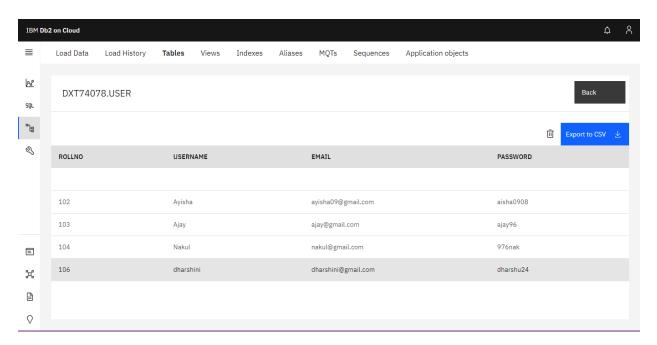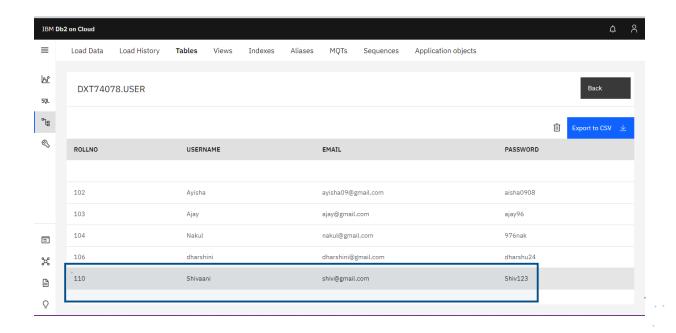## 2.Perform Update and delete queries with user table:

Update:

Delete:

Rollno 109 has been deleted in the user table.

3.Connect python code to db2


```python
import ibm_db
dsn_hostname = "b0aebb68-94fa-46ec-a1fc-1c999edb6187.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud"  # e.g.: "54a2f15b-5c0f-46df-8954-7e38e612c2bd.c1ogj3sd0t
dsn_uid = "dxt74078"          # e.g. "abc12345"
dsn_pwd = "JfI4UpgnKKLtIdkV"      # e.g. "7dBZ3wWt9XN6$oOJ"
dsn_driver = "{IBMDB2CL1}"
dsn_database = "bludb"           # e.g. "BLUDB"
dsn_port = " 31249"              # e.g. "32733"
dsn_protocol = "TCPIP"           # i.e. "TCPIP"
dsn_security = "SSL"             #i.e. "SSL
dsn_cert="DigiCertGlobalRootCA.crt"
dsn = (
    "DRIVER={0};"
    "DATABASE={1};"
    "HOSTNAME={2};"
    "PORT={3};"
    "PROTOCOL={4};"
    "UID={5};"
    "PWD={6};"
    "SECURITY={7};"
    "SSLServerCertificate={8};").format(dsn_driver, dsn_database, dsn_hostname, dsn_port, dsn_protocol, dsn_uid, dsn_pwd, dsn_security, dsn_cert)
try:
    conn = ibm_db.connect(dsn, "", "")
    print("Connected to database: ", dsn_database, "as user: ", dsn_uid, "on host: ", dsn_hostname)
except:
    print("Unable to connect: ", ibm_db.conn_errormsg())
sql = "insert into user values('110','Shivaani','shiv@gmail.com','Shiv123')"
ibm_db.exec_immediate(conn, sql)
print(dsn)
```


IBM Db2 on Cloud

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

DXT74078.USER

ROLLNO	USERNAME	EMAIL	PASSWORD
102	Ayisha	ayisha09@gmail.com	aisha0908
103	Ajay	ajay@gmail.com	ajay96
104	Nakul	nakul@gmail.com	976nak
106	dharshini	dharshini@gmail.com	dharshu24
110	Shivaani	shiv@gmail.com	Shiv123

4. Create a flask app with registration page, login page and welcome page. By default load the registration page once the user enters all the fields store the data in database and navigate to login page authenticate user username and password. If the user is valid show the welcome page.

REGISTRATION FORM

Name: Maya

Roll Number: 112

Email: maya06@gmail.com

Password maya06

Submit

LOGIN FORM

Name: Maya

Password maya06

Submit

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IBM Db2 on Cloud

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

DXT74078.USER | Back

Export to CSV

ROLLNO	USERNAME	EMAIL	PASSWORD
102	Ayisha	ayisha09@gmail.com	aisha0908
103	Ajay	ajay@gmail.com	ajay96
104	Nakul	nakul@gmail.com	976nak
106	dharshini	dharshini@gmail.com	dharshu24
112	Maya	maya06@gmail.com	maya06