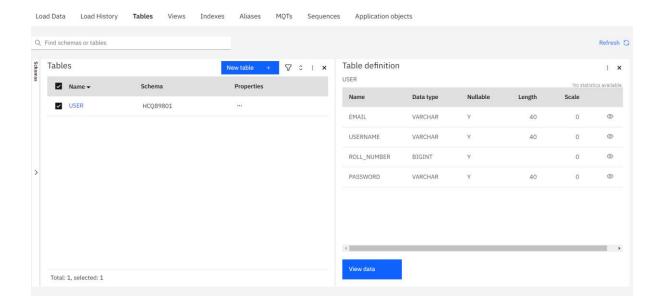# ASSIGNMENT-02

VARSHA.S

195001121

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

CREATE TABLE User(email VARCHAR(40),

username VARCHAR(40),
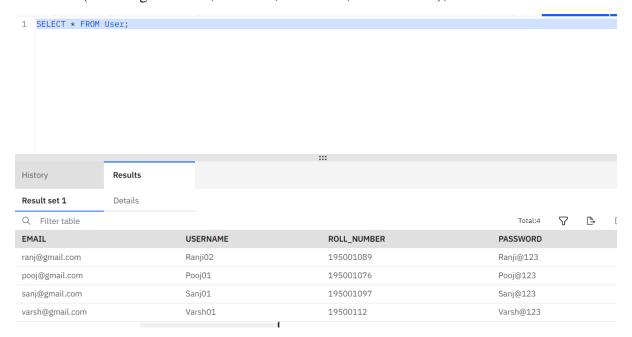
roll_number BIGINT,

password VARCHAR(40)

);

INSERT INTO User (email, username, roll_number, password)

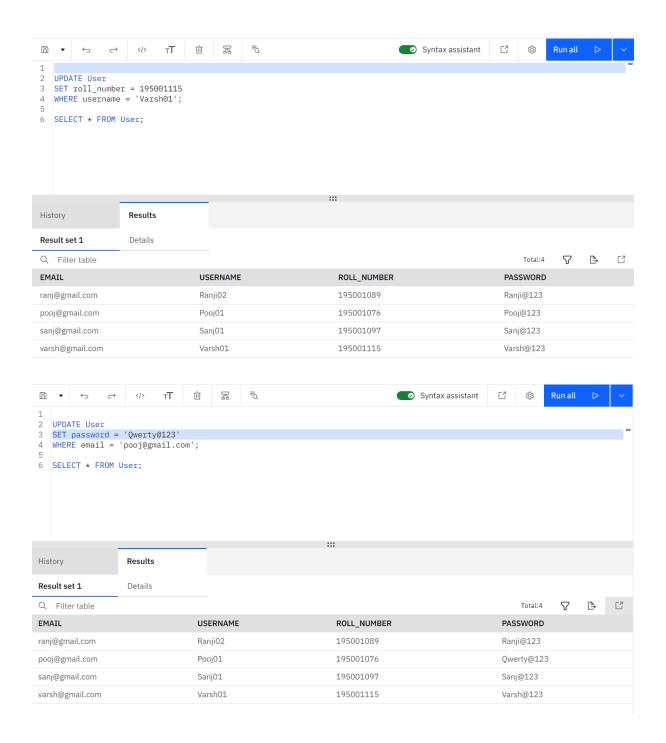VALUES ('ranj@gmail.com','Ranji02', 195001089, 'Ranji@123');

INSERT INTO User (email, username, roll_number, password)

VALUES ('pooj@gmail.com','Pooj01', 195001076, 'Pooj@123');

INSERT INTO User (email, username, roll_number, password)

VALUES ('sanj@gmail.com','Sanj01', 195001097, 'Sanj@123');

INSERT INTO User (email, username, roll_number, password)

VALUES ('varsh@gmail.com','Varsh01', 19500112, 'Varsh@123');

```
1  SELECT * FROM User;
```

History | **Results**

Result set 1 | Details

Q Filter table   Total:4

EMAIL	USERNAME	ROLL_NUMBER	PASSWORD
ranj@gmail.com	Ranji02	195001089	Ranji@123
pooj@gmail.com	Pooj01	195001076	Pooj@123
sanj@gmail.com	Sanj01	195001097	Sanj@123
varsh@gmail.com	Varsh01	19500112	Varsh@123

2. Perform UPDATE,DELETE Queries with user table.

```
1
2  UPDATE User
3  SET roll_number = 195001115
4  WHERE username = 'Varsh01';
5
6  SELECT * FROM User;
```

Syntax assistant   Run all

History   **Results**

Result set 1   Details

Filter table   Total:4

EMAIL	USERNAME	ROLL_NUMBER	PASSWORD
ranj@gmail.com	Ranji02	195001089	Ranji@123
pooj@gmail.com	Pooj01	195001076	Pooj@123
sanj@gmail.com	Sanj01	195001097	Sanj@123
varsh@gmail.com	Varsh01	195001115	Varsh@123

```
1
2  UPDATE User
3  SET password = 'Qwerty@123'
4  WHERE email = 'pooj@gmail.com';
5
6  SELECT * FROM User;
```

Syntax assistant   Run all

History   **Results**

Result set 1   Details

Filter table   Total:4

EMAIL	USERNAME	ROLL_NUMBER	PASSWORD
ranj@gmail.com	Ranji02	195001089	Ranji@123
pooj@gmail.com	Pooj01	195001076	Qwerty@123
sanj@gmail.com	Sanj01	195001097	Sanj@123
varsh@gmail.com	Varsh01	195001115	Varsh@123

```
1  DELETE FROM User
2  WHERE roll_number = 195001089;
3
4
5  SELECT * FROM User;
```

History   **Results**

Result set 1   Details

🔍 Filter table   Total:3 ▽ ⤓ ⎘

EMAIL	USERNAME	ROLL_NUMBER	PASSWORD
pooj@gmail.com	Pooj01	195001076	Qwerty@123
sanj@gmail.com	Sanj01	195001097	Sanj@123
varsh@gmail.com	Varsh01	195001115	Varsh@123

3. Connect python code to db2.

Main.py:

```python
import ibm_db

try:
    ibm_db.connect("DATABASE=bludb;HOSTNAME=19af6446-6171-4641-8aba-
9dcff8e1b6ff.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=30699;SECURIT
Y=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=hcq89801;PWD=usAygURNq
a4m1FSR", '', '')
    print("Connected")
except:
    print("Not Connected")
```

OUTPUT:

```
Microsoft Windows [Version 10.0.22000.856]
(c) Microsoft Corporation. All rights reserved.

C:\Users\SSN\OneDrive\Documents\123\IBM\Assignment 2>python main.py
Connected

C:\Users\SSN\OneDrive\Documents\123\IBM\Assignment 2>
```
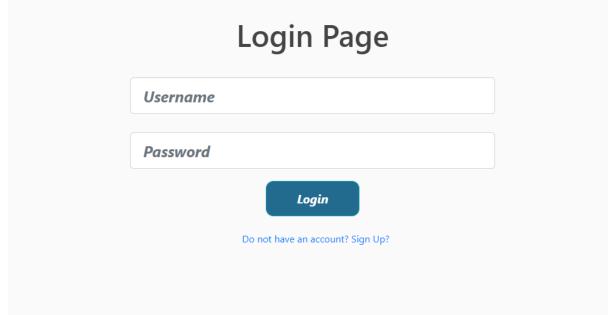
4. Create a flask app with registration page, login page and welcome page. By default load the registration page once the user enters all the fields store the data in database and navigate to login page authenticate user username and password. If the user is valid show the welcome page.

Register Page

Email

Username

RollNumber

Password

Register

Already have an account? Log In

Register Page

Varsha@gmail.com

Varsh01

195001112

••••••••

Register

Already have an account? Log In

Login Page

Username

Password

Login

Do not have an account? Sign Up?

Login Page

Varsh01

••••••••

Login

Do not have an account? Sign Up?

>>>Welcome Page<<<