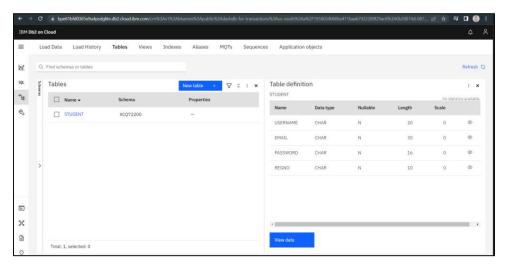
# Assignment -2

### **DB2 Database Connection**

Assignment Date	24 September 2022
Student Name	Priyadharshini P
Student Roll Number	2019103562
Maximum Marks	2 Marks

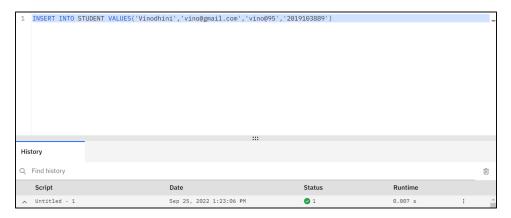
# **Questions:**

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



2. Perform UPDATE, DELETE queries with User table.

### **INSERT**





#### **UPDATE**





### **DELETE**





3. Connect python code to DB2.

Solution:

import ibm\_db

try:

conn=ibm\_db.connect("DATABASE=bludb;HOSTNAME=b0aebb68-94fa-46ec-a1fc-1c999edb6187.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud;PORT=31249;SECURITY=S SL;SSLServerCertificate=DigiCertGlobalRootCA.crt;PROTOCOL=TCPIP;UID=xcq72200;PWD=LMV8 M41c4stsjNXi;", "", "")

print("Connected to DB")

except Exception as e:

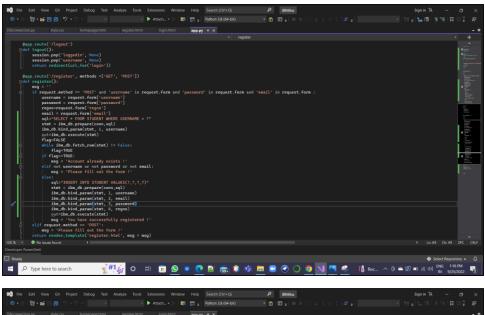
print(e)

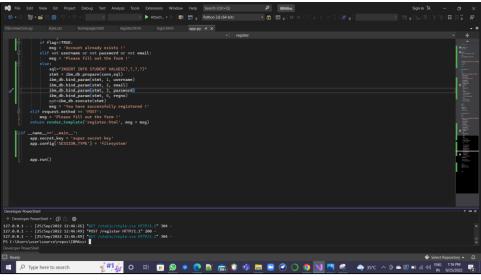


4. Create a flask app with registration page, login page and welcome page. By default load the registration page once the user enters all the fields store the data in database and navigate to login page authenticate user with username and password. If the user is valid show the welcome page.

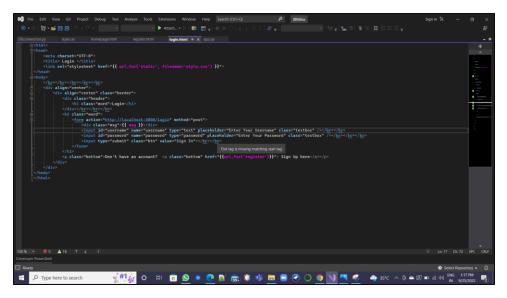
### CODE

### App.py





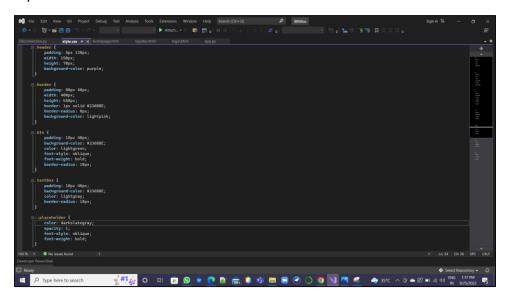
Login.html

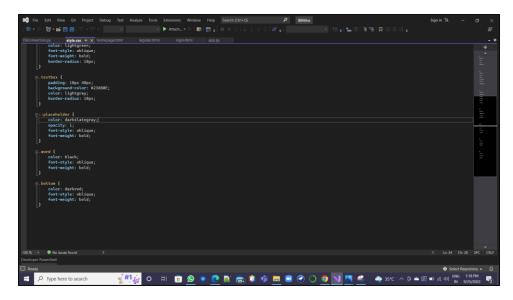


## Register.html

Homepage.html

### Style.css





### **OUTPUT**

### **REGISTER**





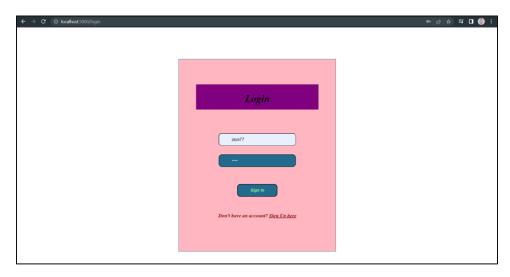
# **LOGIN**



## **HOMEPAGE**



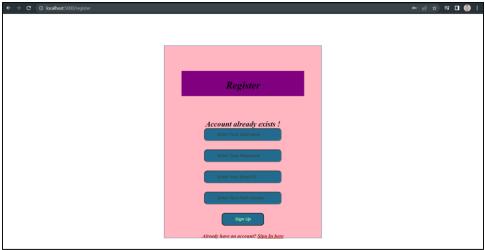
## **INCORRECT LOGIN**





## **USERNAME ALREADY EXISTS**





```
Developer NoveShell | ① ② ②

WARNING: This is a development server. Do not use it in a production deployment. Use a production VSGI server instead.

* Running on http://127.0.0.1:5000

Press CTRLct to quit

127.0.0.1 - (25/Ssp/202 12:37:57) "GET /login HTTP/1.1" 200 -
127.0.0.1 - (25/Ssp/202 12:37:57) "GET /static/style.css HTTP/1.1" 304 -
127.0.0.1 - (25/Ssp/202 12:38:03) "GET /static/style.css HTTP/1.1" 304 -
127.0.0.1 - (25/Ssp/202 12:38:03) "GET /static/style.css HTTP/1.1" 304 -
127.0.0.1 - (25/Ssp/202 12:38:03) "GET /static/style.css HTTP/1.1" 304 -
127.0.0.1 - (25/Ssp/202 12:38:34) "FOST /register HTTP/1.1" 200 -
127.0.0.1 - (25/Ssp/202 12:38:34) "GET /static/style.css HTTP/1.1" 304 -
127.0.0.1 - (25/Ssp/202 12:38:34) "GET /static/style.css HTTP/1.1" 304 -
127.0.0.1 - (25/Ssp/202 12:38:38) "FOST /login HTTP/1.1" 200 -
127.0.0.1 - (25/Ssp/202 12:38:38) "FOST /login HTTP/1.1" 304 -
127.0.0.1 - (25/Ssp/202 12:38:38) "GET /static/style.css HTTP/1.1" 304 -
127.0.0.1 - (25/Ssp/202 12:38:38) "GET /static/style.css HTTP/1.1" 304 -
127.0.0.1 - (25/Ssp/202 12:38:38) "GET /login HTTP/1.1" 302 -
127.0.0.1 - (25/Ssp/202 12:38:38) "GET /login HTTP/1.1" 304 -
127.0.0.1 - (25/Ssp/202 12:38:38) "GET /login HTTP/1.1" 304 -
127.0.0.1 - (25/Ssp/202 12:38:38) "GET /login HTTP/1.1" 304 -
127.0.0.1 - (25/Ssp/202 12:38:38) "GET /static/style.css HTTP/1.1" 304 -
127.0.0.1 - (25/Ssp/202 12:38:38) "GET /login HTTP/1.1" 304 -
127.0.0.1 - (25/Ssp/202 12:38:38) "GET /static/style.css HTTP/1.1" 304 -
127.0.0.1 - (25/Ssp/202 12:38:38) "GET /static/style.css HTTP/1.1" 304 -
127.0.0.1 - (25/Ssp/202 12:38:38) "GET /static/style.css HTTP/1.1" 304 -
127.0.0.1 - (25/Ssp/202 12:38:38) "GET /static/style.css HTTP/1.1" 304 -
127.0.0.1 - (25/Ssp/202 12:38:38) "GET /static/style.css HTTP/1.1" 304 -
127.0.0.1 - (25/Ssp/202 12:38:38) "GET /static/style.css HTTP/1.1" 304 -
```

### **DATABASE TABLE**

