

Assignment - 2

Date	1 October 2022
Student Name	Sivaraman MM
Student Roll Number	917719C099
Maximum Marks	2 Marks

Tasks:

1. Create a User table with user with email, username, roll number, password. Perform UPDATE,DELETE Queries with user table. Connect python code to db2.

The screenshot shows the IBM Db2 on Cloud interface. On the left, the 'Data objects' panel displays a search bar and a list of objects, including 'GLR36049'. The main editor area shows a SQL script titled '*Untitled - 1' with the following code:

```

1 CREATE TABLE USERS(
2   id INTEGER GENERATED ALWAYS AS IDENTITY (START WITH 1 INCREMENT BY 1),
3   email VARCHAR(30) NOT NULL,
4   username VARCHAR(20) NOT NULL,
5   rollno VARCHAR(10) NOT NULL,
6   password VARCHAR(30) NOT NULL,
7   PRIMARY KEY(id)
8 );

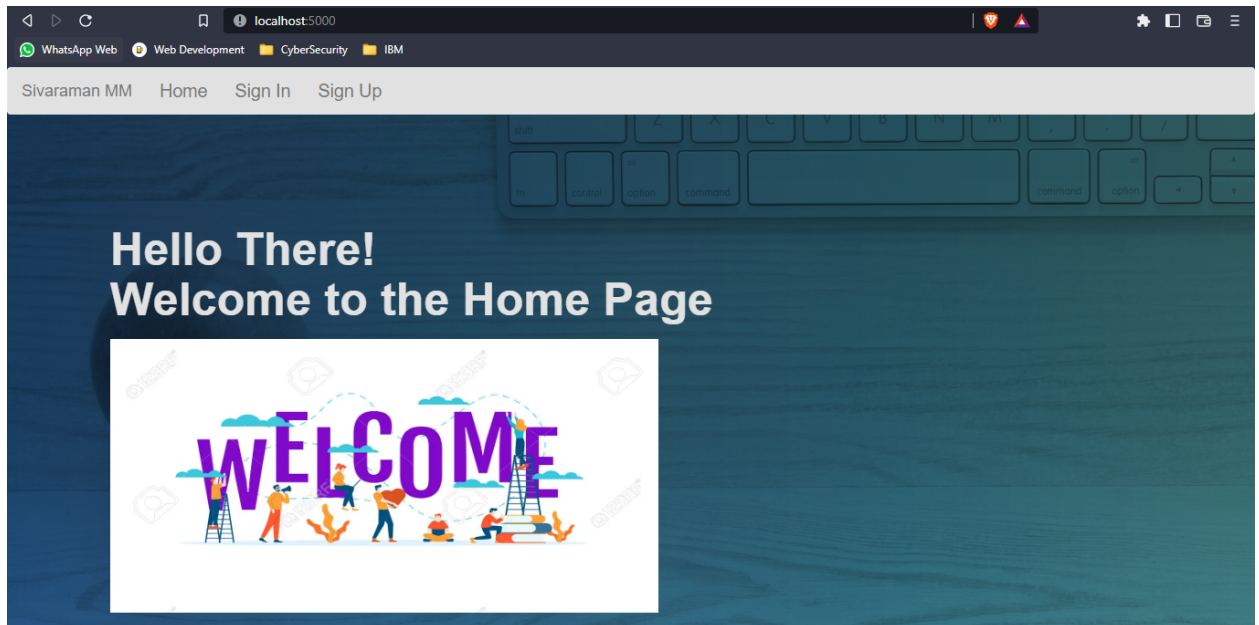
```

Below the script editor, the 'History' panel shows a table of executed scripts:

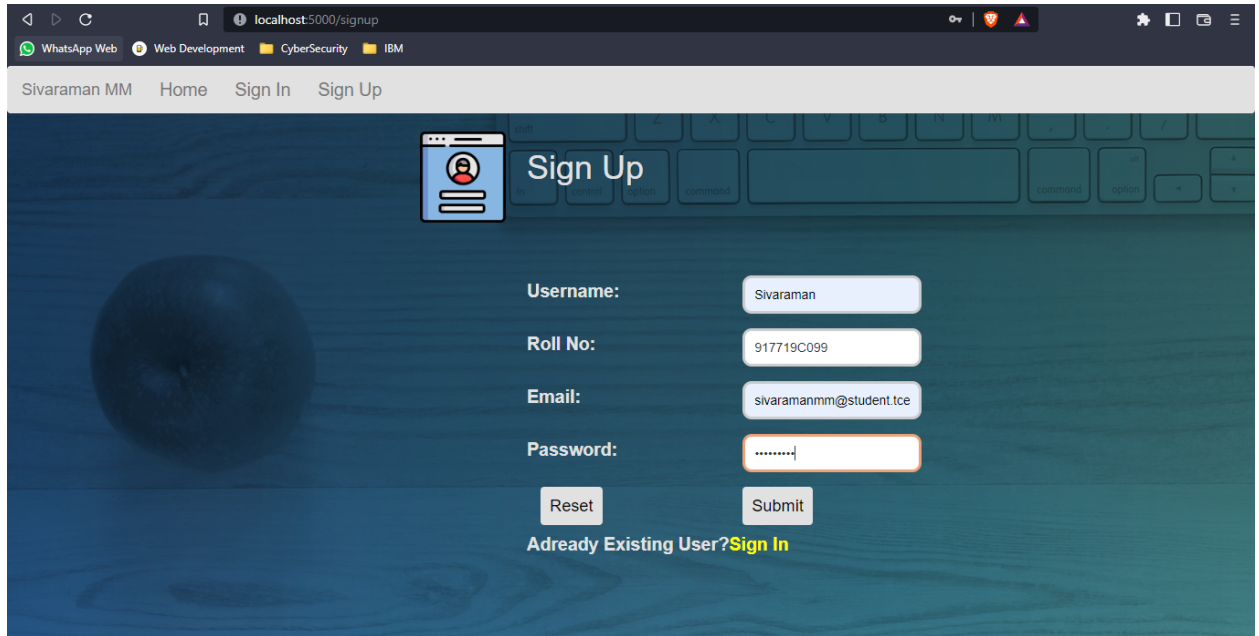
Script	Date	Status	Runtime
Untitled - 1	Oct 20, 2022 9:18:45 AM	✓ 1	0.104 s
CREATE TABLE USERS(id INTEGER GENERATED ALWAYS AS IDENTITY (ST...		✓	0.104 s

Table Name: Users

2. 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.



Home Page



The screenshot shows a web browser at localhost:5000/signup. The page has a dark blue background with a keyboard graphic at the top. A navigation bar at the top contains 'Sivaraman MM', 'Home', 'Sign In', and 'Sign Up'. The main heading is 'Sign Up' with a user icon. The form includes fields for Username (Sivaraman), Roll No (917719C099), Email (sivaramanmm@student.tce), and Password (masked with dots). There are 'Reset' and 'Submit' buttons. Below the form, it says 'Already Existing User? Sign In'.

Sign Up

Username: Sivaraman

Roll No: 917719C099

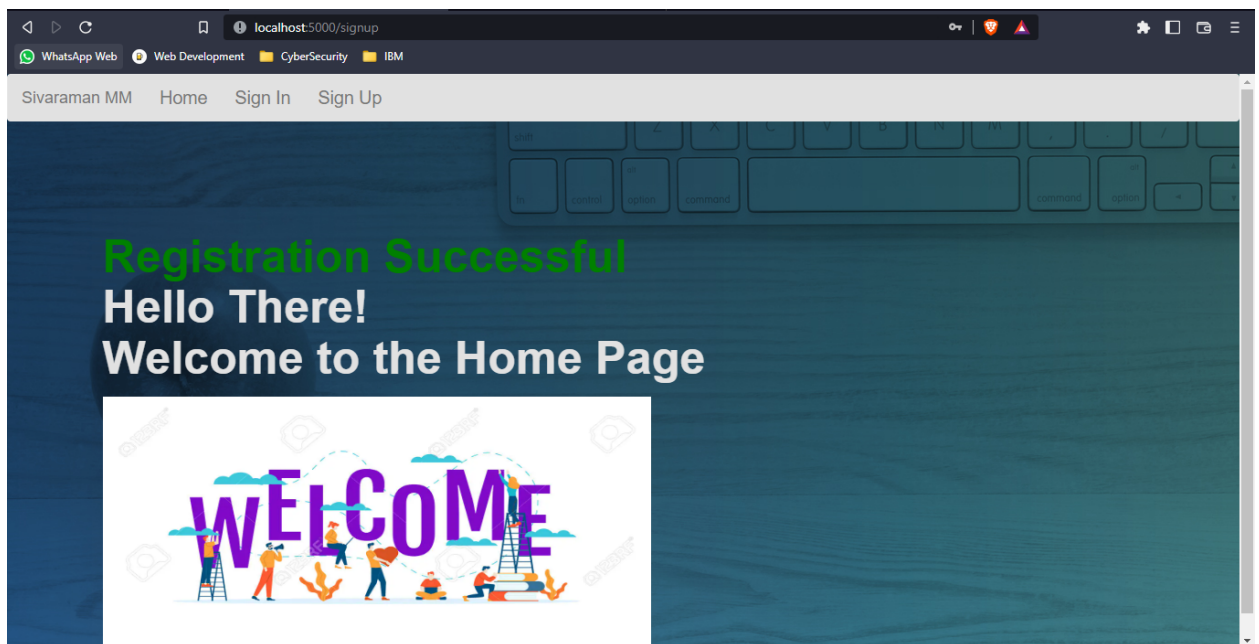
Email: sivaramanmm@student.tce

Password:

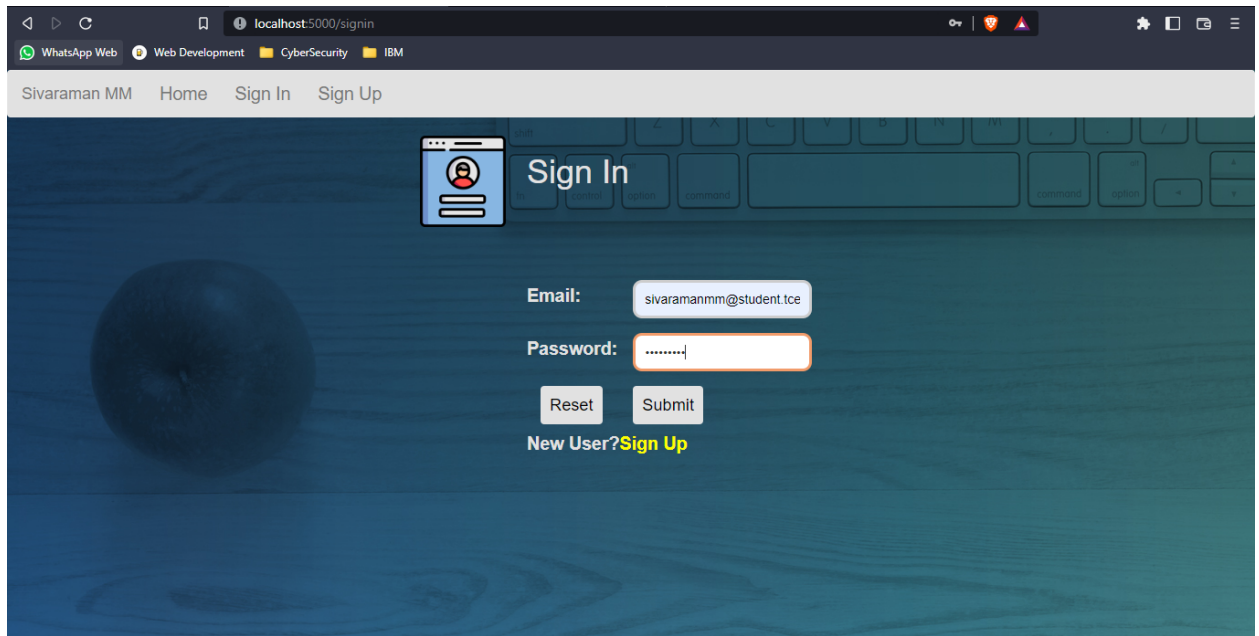
Reset Submit

Already Existing User? [Sign In](#)

Sign Up Page




Registration Success Page



localhost:5000/signin

WhatsApp Web Web Development CyberSecurity IBM

Sivaraman MM Home Sign In Sign Up

 Sign In

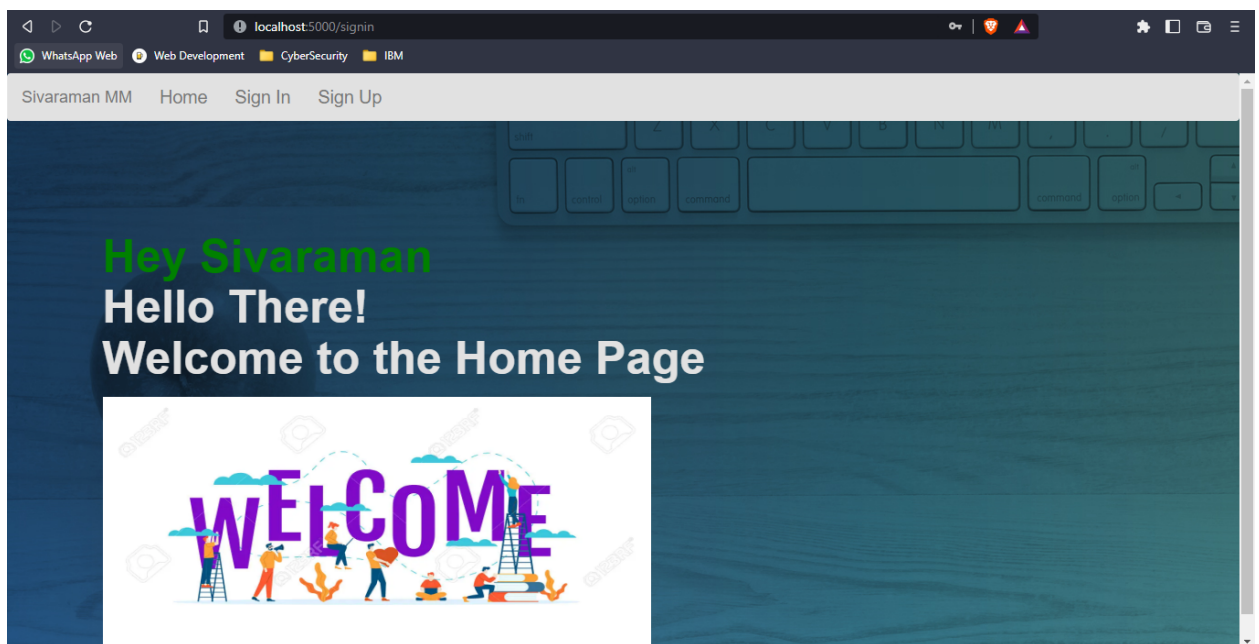
Email: sivaramanmm@student.tce

Password:

Reset Submit

New User? [Sign Up](#)

Login Page



Login Success Page
