Assignment -2

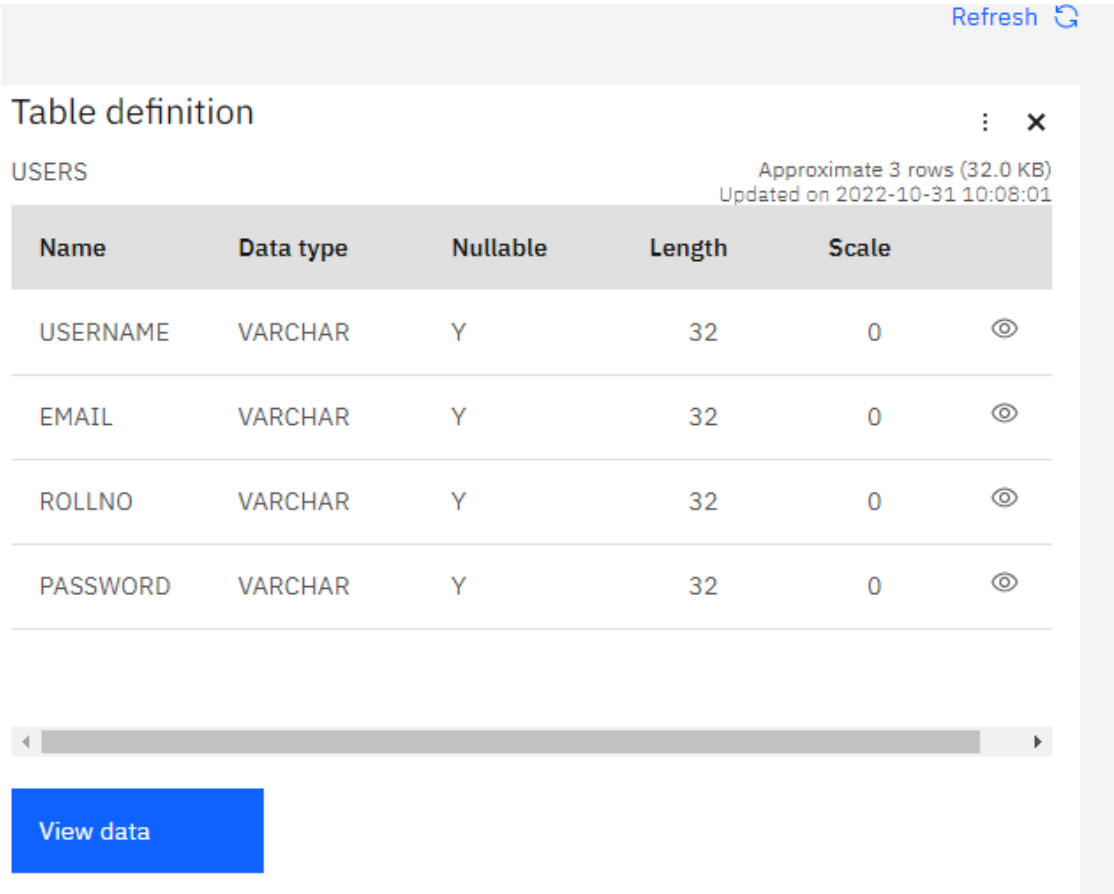
Student Name	ASHRITHA S
Student Roll Number	7376191CS128
Team ID	PNT2022TMID01433

Question-1:

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

Solution

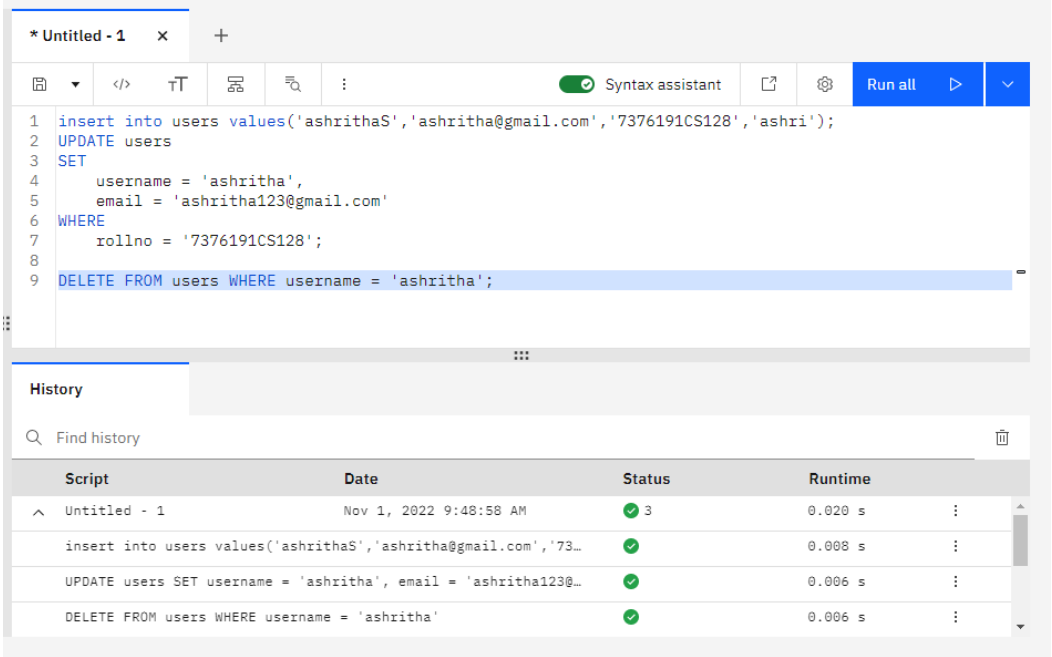
Creating a users table in Ibm cloud



Question-2:

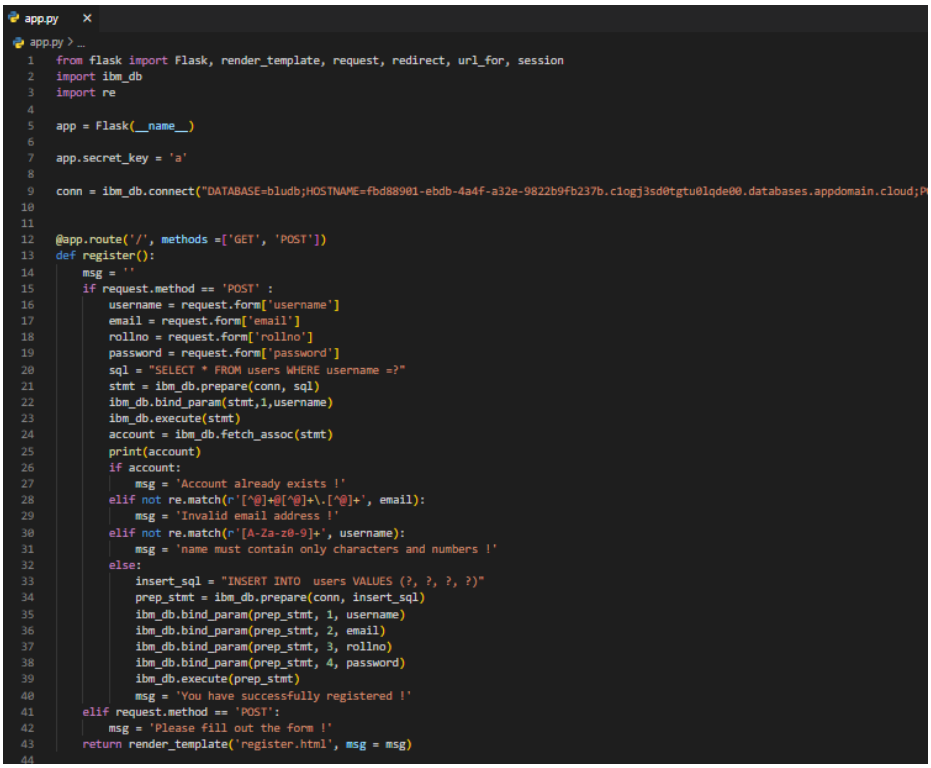
Perform UPDATE,DELETE Queries with user table

Solution



Question-3:

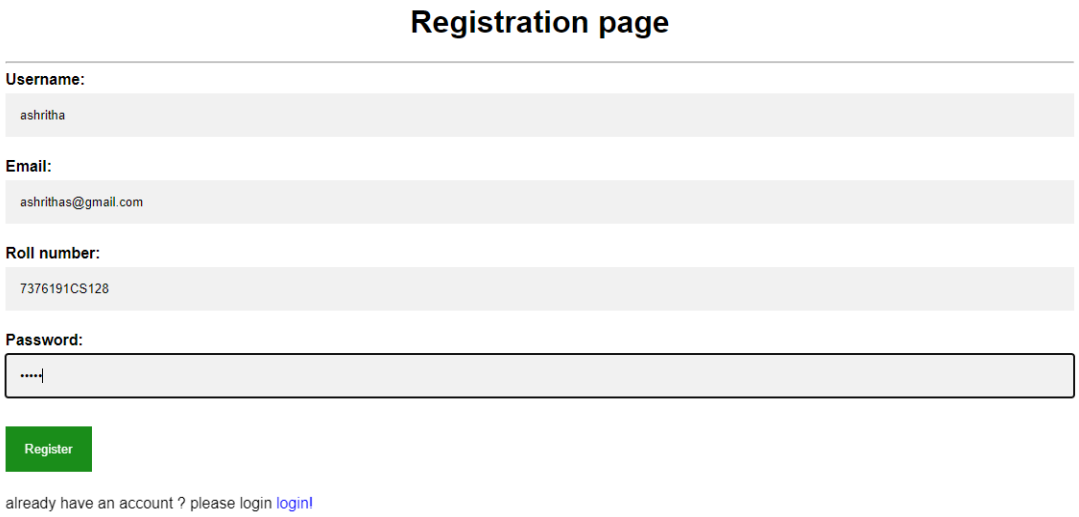
Connect python code to db2.



Question-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 Page:

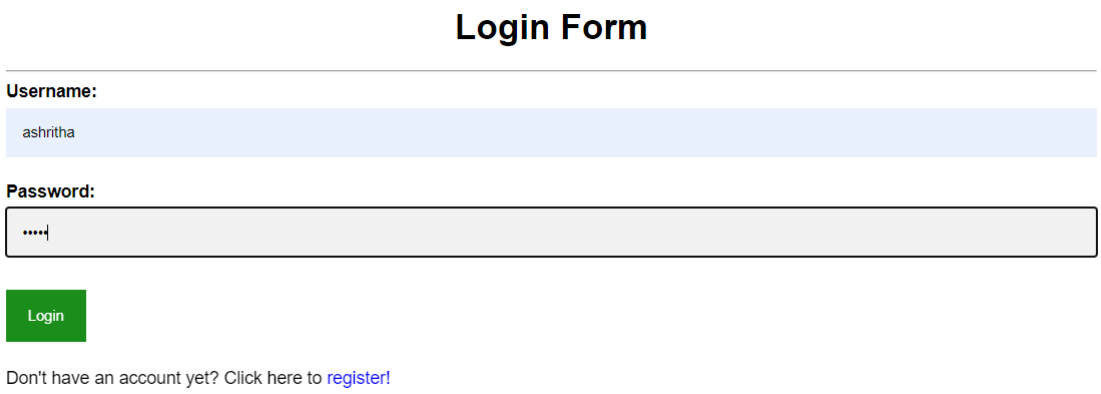


Code:

templates > register.html > ...

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link rel="stylesheet" href="../static/CSS/style.css" />
    <title>Registration page</title>
  </head>
  <body>
    <form action="http://localhost:5000/" method="post">
      <div class="container">
        <h1>Registration page</h1>
        <hr />

        <div class="msg">{{ msg }}</div>

        <label for="username"><b>Username:</b></label>
        <input
          type="text"
          placeholder="Enter your Username"
          name="username"
          id="username"
          required
        />

        <label for="email"><b>Email:</b></label>
        <input
          type="text"
          placeholder="Enter your Email"
          name="email"
          id="email"
          required
        />

        <label for="rollno"><b>Roll number:</b></label>
        <input
          type="text"
          id="rollno"
          name="rollno"
          placeholder="Enter your Rollno"
        />

        <label for="password"><b>Password:</b></label>
        <input
          type="password"
          id="password"
          name="password"
          placeholder="Enter your password"
        />

        <button type="submit" class="registerbtn" >Register</button>
```

Login Page:

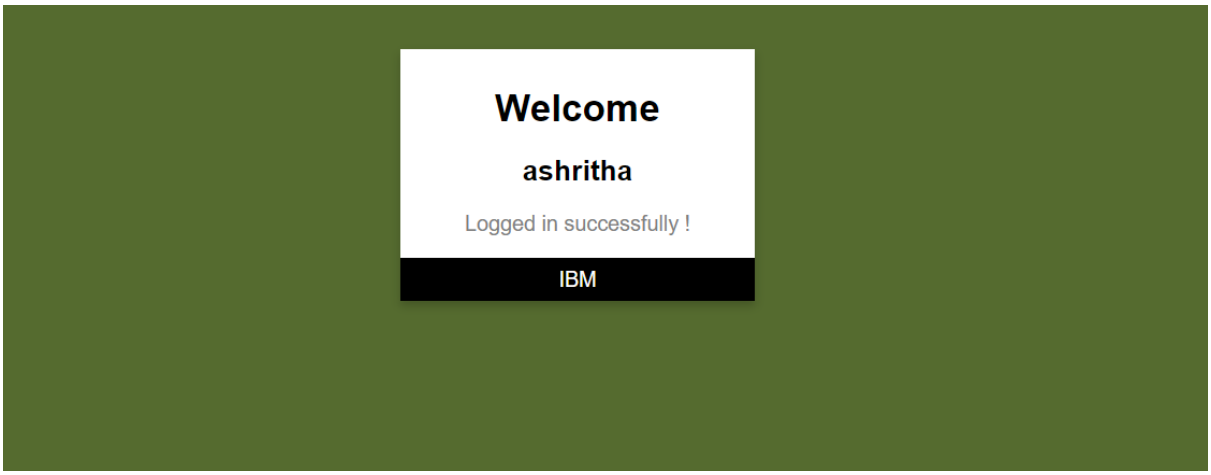


Code:

templates > login.html > html > body > div.container > div.login.text-center.mt-5 > form > input#username

```
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Login Page</title>

    <link rel="stylesheet" href="../static/CSS/style.css" />

  </head>
  <body>
    <div class="container">
      <div class="login text-center mt-5">
        <h1>Login Form</h1>
        <hr>
        <form action="/login" method="post">
          <div class="msg">{{ msg }}</div>
          <label for="username"><b>Username:</b></label>
          <input
            type="text"
            name="username"
            placeholder="Enter Your Username"
            id="username"
            required
          />

          <label for="password"><b>Password:</b></label>
          <input
            type="password"
            name="password"
            placeholder="Enter Your Password"
            id="password"
            required
          />

          <button type="submit" id="button" class="registerbtn">Login</button>
        </form>
      </div>

      <div class="note mt-3 text-center">
        <p>
          Don't have an account yet? Click here to <a href="/">register! </a>
```

Welcome Page:



Code:

templates > display.html > html > body

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link rel="stylesheet" href="../static/CSS/display.css" />
    <title>Welcome Page</title>
  </head>
  <body style="background-color: darkolivegreen;">

    <div class="card">
        <h1>Welcome</h1>
        <h2>{{name}}</h2>
        <p class="title">{{ msg }}</p>
        <p></p>

        <p><button>IBM</button></p>
      </div>

  </body>
</html>

```