ASSIGNMENT-2
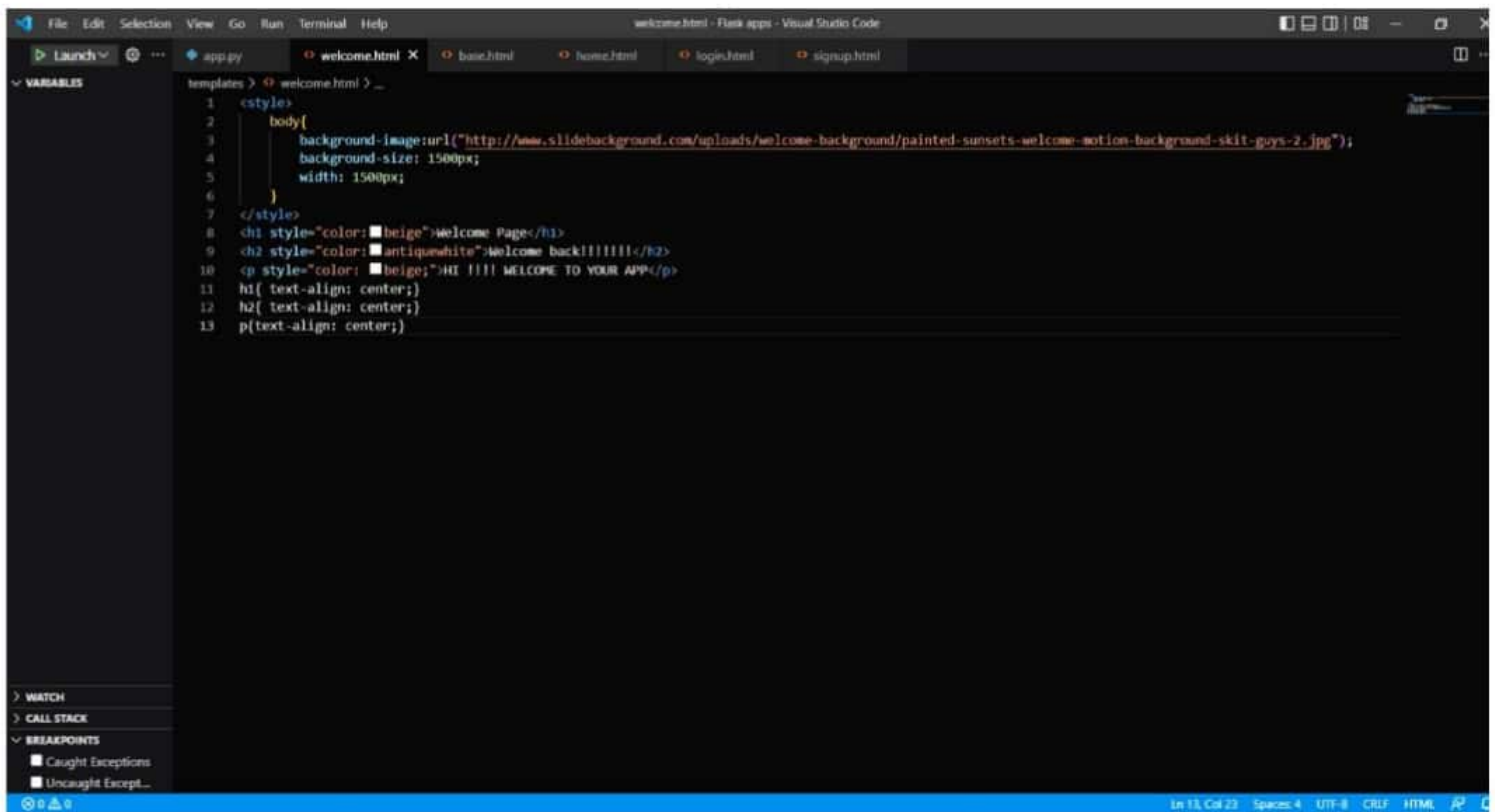
1. Create User table with user with email, username, roll number, password.

2. Perform UPDATE, DELETE Queries with user table

3. Connect python code to db2.

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
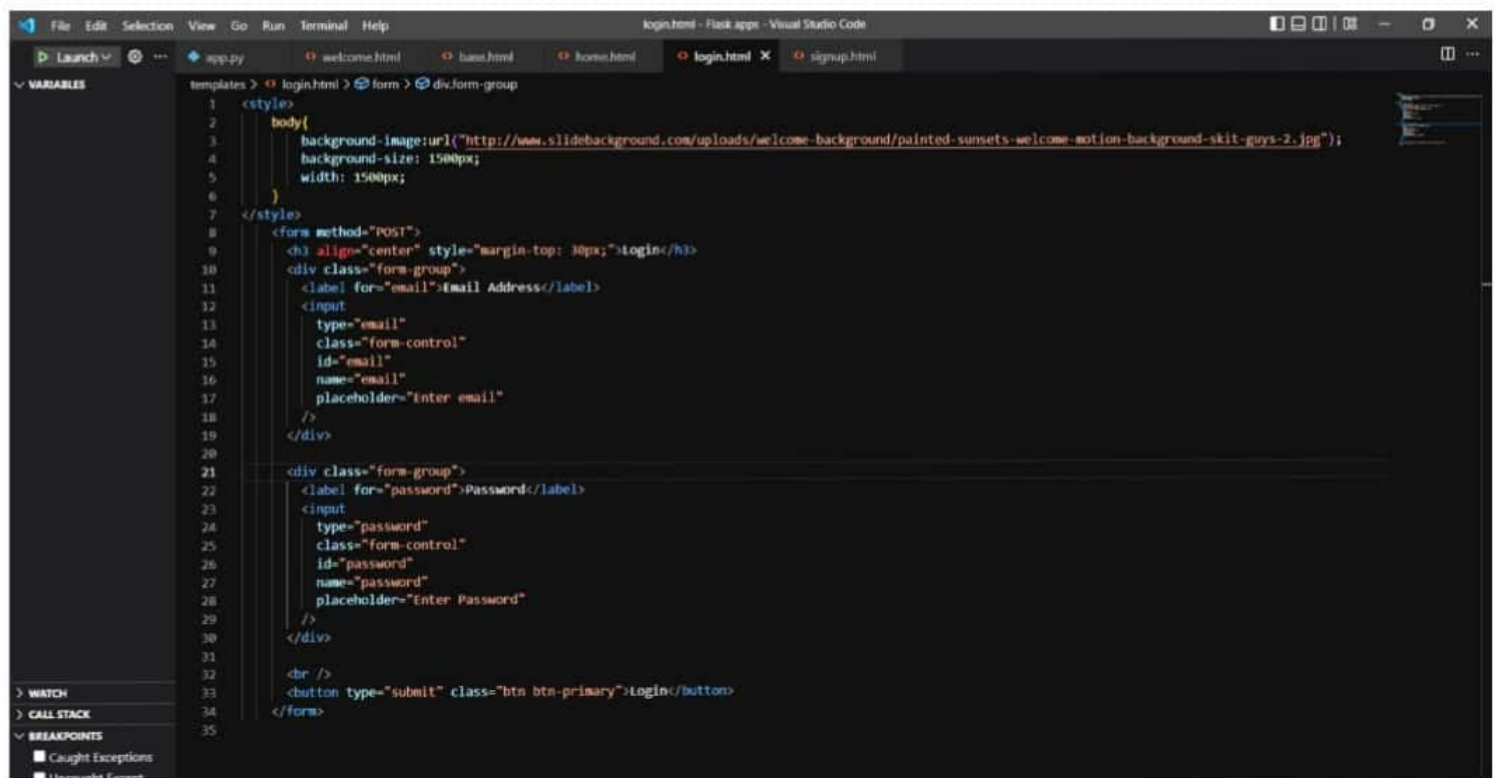
```python
from flask import Flask , render_template,request,url_for,redirect
app= Flask(__name__)

@app.route("/")
def home():
    return render_template('home.html')

@app.route("/login")
def login():
    return render_template('login.html')

@app.route("/signup")
def signup():
    return render_template('signup.html')


@app.route("/logout")
def logout():
    return render_template('home.html')


if __name__ == '__main__':
    app.run(debug=True)
```

```html
<style>
    body{
        background-image:url("http://www.slidebackground.com/uploads/welcome-background/painted-sunsets-welcome-motion-background-skit-guys-2.jpg");
        background-size: 1500px;
        width: 1500px;
    }
</style>
<h1 style="color: beige">Welcome Page</h1>
<h2 style="color: antiquewhite">Welcome back!!!!!!!!</h2>
<p style="color: beige;">HI !!!! WELCOME TO YOUR APP</p>
h1{ text-align: center;}
h2{ text-align: center;}
p{text-align: center;}
```

```html
<!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="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css"
      integrity="sha384-Vkoo8x4CGsO3+Hhxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh"
      crossorigin="anonymous"
    />
    <link
      rel="stylesheet"
      href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css"
      crossorigin="anonymous"
    />
    <title>{% block title %}Common page{% endblock %}</title>
  </head>
  <body>
    <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
      <button
        class="navbar-toggler"
        type="button"
        data-toggle="collapse"
        data-target="#navbar"
      >
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbar">
        <div class="navbar-nav">

          <a class="nav-item nav-link" id="home" href="/">Home</a>

          <a class="nav-item nav-link" id="login" href="/login">Login</a>
          <a class="nav-item nav-link" id="signup" href="/signup">Sign Up</a>
          <a class="nav-item nav-link" id="logout" href="/logout">Logout</a>
```

Launch ∨   ⚙ ⋯   ◆ app.py   ⟨⟩ welcome.html   ⟨⟩ base.html ✕   ⟨⟩ home.html   ⟨⟩ login.html   ⟨⟩ signup.html

templates › ⟨⟩ base.html › ⟨⟩ html › ⟨⟩ body › ⟨⟩ nav.navbar.navbar-expand-lg.navbar-dark.bg-dark › ⟨⟩ button.navbar-toggler

```html
22      <button
23        class="navbar-toggler"
24        type="button"
25        data-toggle="collapse"
26        data-target="#navbar"
27      >
28        <span class="navbar-toggler-icon"></span>
29      </button>
30      <div class="collapse navbar-collapse" id="navbar">
31        <div class="navbar-nav">
32
33          <a class="nav-item nav-link" id="home" href="/">Home</a>
34
35          <a class="nav-item nav-link" id="login" href="/login">Login</a>
36          <a class="nav-item nav-link" id="signup" href="/signup">Sign Up</a>
37          <a class="nav-item nav-link" id="logout" href="/logout">Logout</a>
38
39        </div>
40      </div>
41    </nav>
42
43    <div class="container">{% block content %} {% endblock %}</div>
44
45
46    <script
47      src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"
48      integrity="sha384-JZR6Spejh4U82dBjOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYl"
49      crossorigin="anonymous"
50    ></script>
51
52    <script
53      type="text/javascript"
54      src="{{ url_for('static', filename='index.js') }}"
55    ></script>
56  </body>
57 </html>
```

> WATCH
> CALL STACK
∨ BREAKPOINTS
  ☐ Caught Exceptions
  ☐ Uncaught Except...

⊗ 0 ⚠ 0   Ln 29, Col 16   Spaces: 2   UTF-8   CRLF   HTML

```
Launch ∨   ⚙   ⋯     ◆ app.py     ◇ welcome.html     ◇ base.html     ◇ home.html     ◇ login.html ✕     ◇ signup.html

templates > ◇ login.html > ⟨⟩ form > ⟨⟩ div.form-group
  1    <style>
  2        body{
  3            background-image:url("http://www.slidebackground.com/uploads/welcome-background/painted-sunsets-welcome-motion-background-skit-guys-2.jpg");
  4            background-size: 1500px;
  5            width: 1500px;
  6        }
  7    </style>
  8        <form method="POST">
  9        <h3 align="center" style="margin-top: 30px;">Login</h3>
 10        <div class="form-group">
 11          <label for="email">Email Address</label>
 12          <input
 13            type="email"
 14            class="form-control"
 15            id="email"
 16            name="email"
 17            placeholder="Enter email"
 18          />
 19        </div>
 20
 21        <div class="form-group">
 22          <label for="password">Password</label>
 23          <input
 24            type="password"
 25            class="form-control"
 26            id="password"
 27            name="password"
 28            placeholder="Enter Password"
 29          />
 30        </div>
 31
 32        <br />
 33        <button type="submit" class="btn btn-primary">Login</button>
 34      </form>
 35
```

```html
<form method="POST">
  <h3 align="center" style="margin-top: 30px;">Sign Up</h3>
  <div class="form-group">
    <label for="email">Email Address</label>
    <input
      type="email"
      class="form-control"
      id="email"
      name="email"
      placeholder="Enter email"
    />
  </div>

  <div class="form-group">
    <label for="firstname">First Name</label>
    <input
      type="text"
      class="form-control"
      id="firstname"
      name="firstname"
      placeholder="Enter First Name"
    />
  </div>

  <div class="form-group">
    <label for="password1">Password</label>
    <input
      type="password"
      class="form-control"
      id="password1"
      name="password1"
      placeholder="Enter Password"
    />
  </div>

  <div class="form-group">
    <label for="password2">Password (confirm)</label>
```

▷ Launch ∨   ⚙   ···   ◆ app.py   ⟨⟩ welcome.html   ⟨⟩ base.html   ⟨⟩ home.html   ⟨⟩ login.html   ⟨⟩ signup.html ●
∨ VARIABLES
templates > ⟨⟩ signup.html > ⊗ form

```html
24
25        <div class="form-group">
26          <label for="password1">Password</label>
27          <input
28            type="password"
29            class="form-control"
30            id="password1"
31            name="password1"
32            placeholder="Enter Password"
33          />
34        </div>
35
36        <div class="form-group">
37          <label for="password2">Password (confirm)</label>
38          <input
39            type="password"
40            class="form-control"
41            id="password2"
42            name="password2"
43            placeholder="Confirm Password"
44          />
45        </div>
46        <br/>
47        <button type="submit" class="btn btn-primary">Submit</button>
48      </form>
```

> WATCH
> CALL STACK
∨ BREAKPOINTS
   ☐ Caught Exceptions
   ☐ Uncaught Except...
⊗ 0 ⚠ 0   Ln 48, Col 12   Spaces: 2   UTF-8   CRLF   HTML

Launch ∨

> VARIABLES
> WATCH
> CALL STACK
∨ BREAKPOINTS
  ■ Caught Exceptions
  ■ Uncaught Except...
> BROWSER BREAKPOINTS

templates > ⊙ home.html > ...

```html
1  <h1 align="center" style="color: □rgb(62, 62, 65); margin-top: 30px;">Home Page</h1>
2  <div class="about-section" style="box-sizing:border-box;background-color:■bisque;padding:20px">
3      <h3>About Us Page</h3>
4      <p>Some text about who we are and what we do.</p>
5      <p><B>Kavya-A</B>,  Developer & Empathetic person</p>
6  </div>
7
8  |
```

User Information

E-mail

[   ]

Username

[   ]

Rollnumber

[   ]

PIN
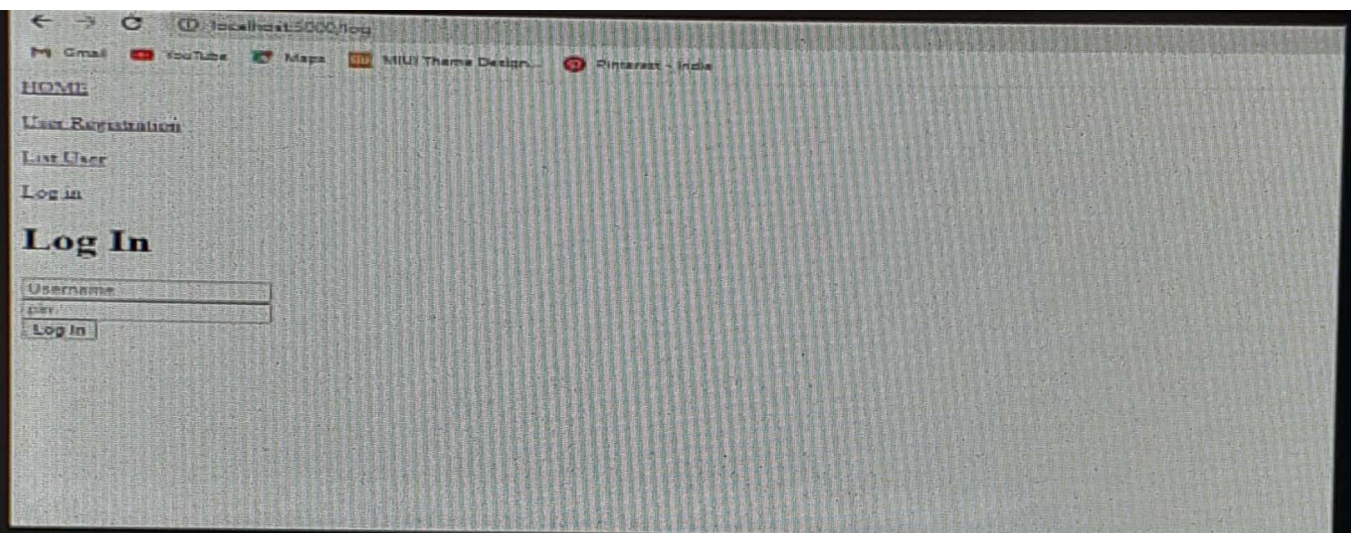
[▼]

[submit]

[Reset]

HOME

User Registration

List User

Log in

Log In

Username

pler

Log In

HOME

User Registration

List User

Log in

Welcome

HOME

Remove User

Username [   ] Submit

HOME

User Registration

List User

Log in

Record successfully deleted