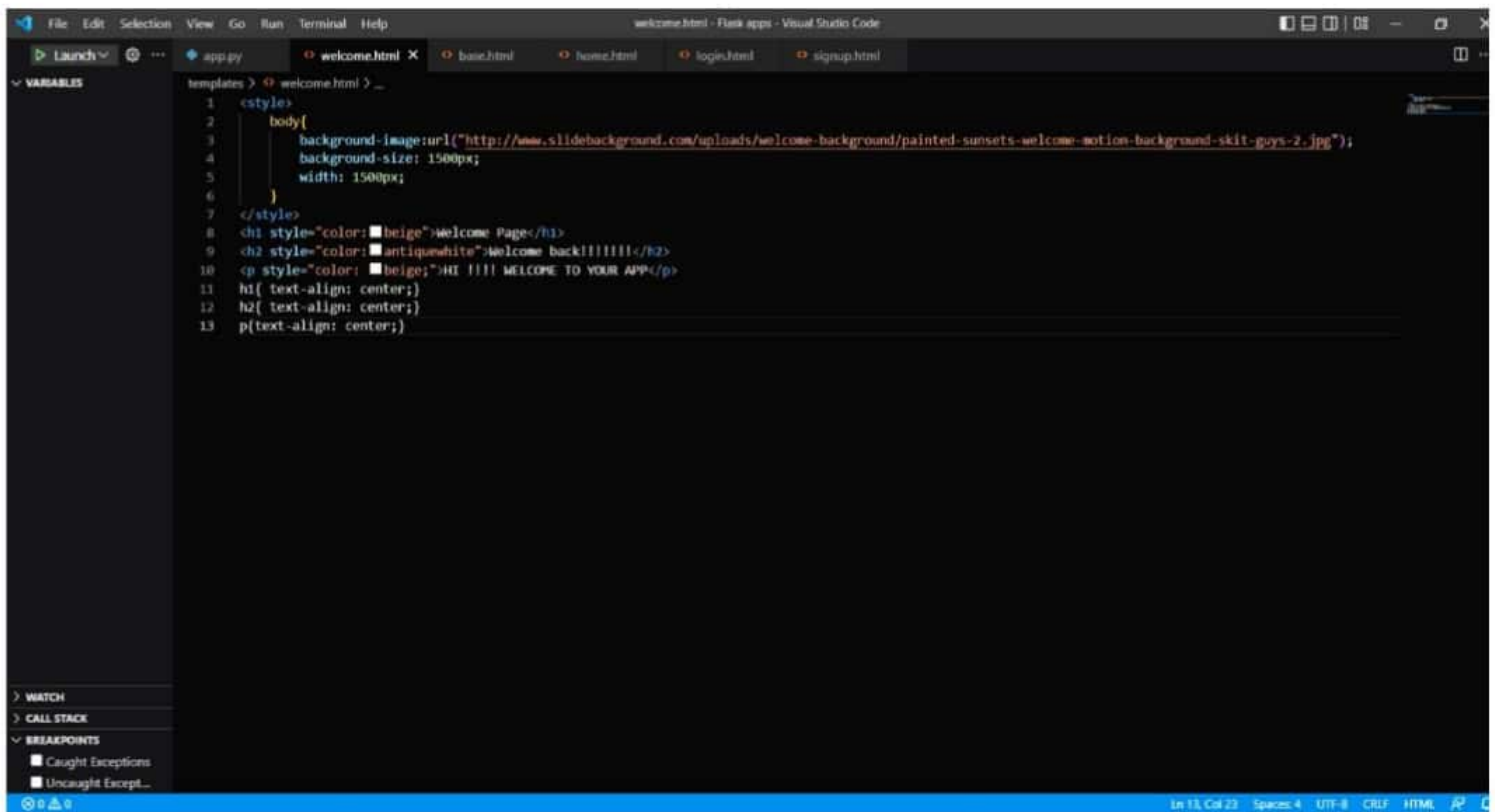


ASSIGNMENT-2

- 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**

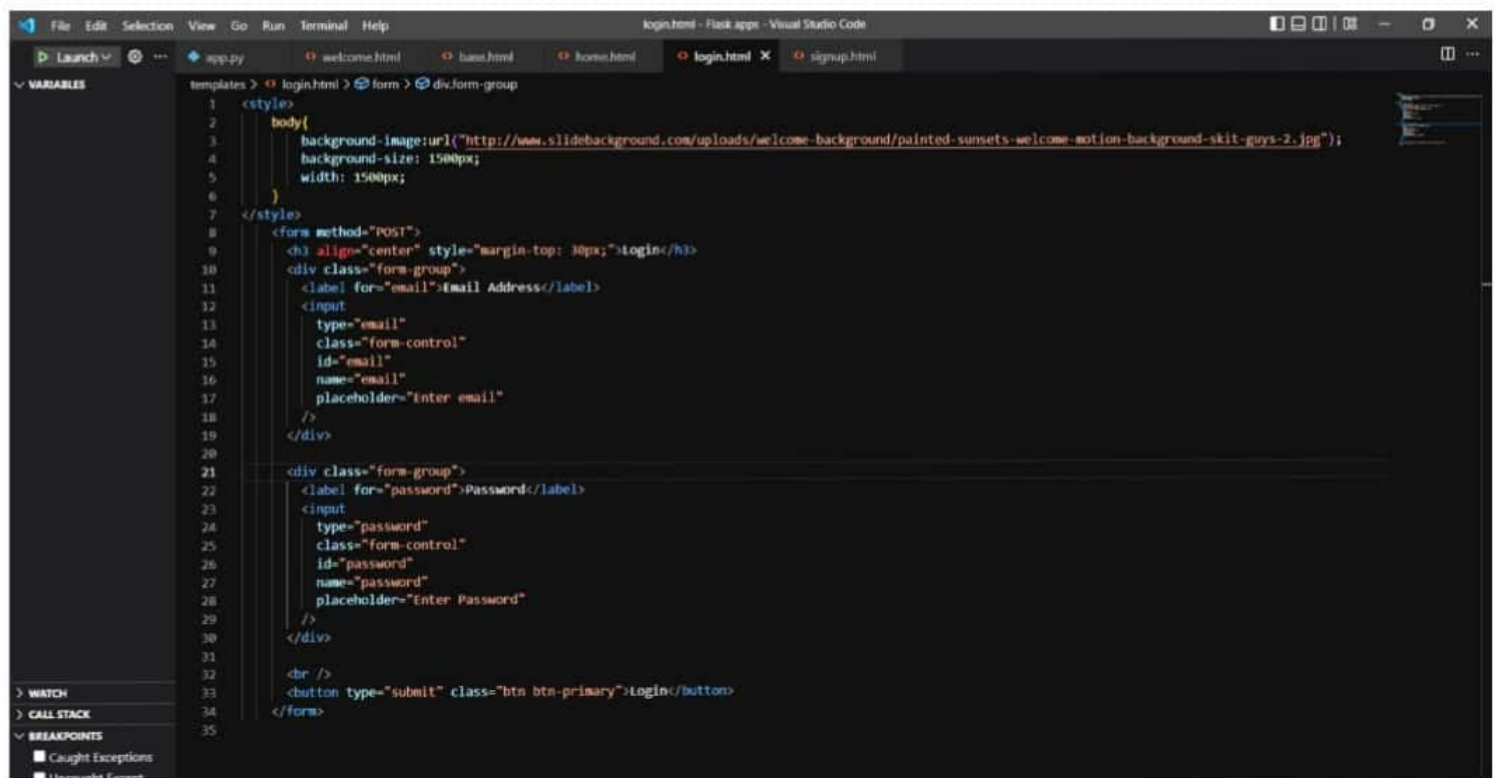
```
1 from flask import Flask , render_template,request,url_for,redirect
2 app= flask(__name__)
3
4 @app.route("/")
5 def home():
6     return render_template('home.html')
7
8 @app.route("/login")
9 def login():
10     return render_template('login.html')
11
12 @app.route("/signup")
13 def signup():
14     return render_template('signup.html')
15
16
17 @app.route("/logout")
18 def logout():
19     return render_template('home.html')
20
21
22 if __name__ == '__main__':
23     app.run(debug=True)
```



```
File Edit Selection View Go Run Terminal Help
welcome.html - Flask apps - Visual Studio Code
Launch app.py welcome.html X base.html home.html login.html signup.html
VARIABLES
templates > welcome.html > _
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 <h1 style="color: #beige">Welcome Page</h1>
9 <h2 style="color: #antiquewhite">Welcome back!!!!!!</h2>
10 <p style="color: #beige;">HI !!!! WELCOME TO YOUR APP</p>
11 h1{ text-align: center;}
12 h2{ text-align: center;}
13 p{text-align: center;}
WATCH
CALL STACK
BREAKPOINTS
Caught Exceptions
Uncaught Except...
Ln 13, Col 23 Spaces: 4 UTF-8 CR LF HTML
```

```
1 <!DOCTYPE html>
2 <html lang="en">
3   <head>
4     <meta charset="UTF-8" />
5     <meta http-equiv="X-UA-Compatible" content="IE=edge" />
6     <meta name="viewport" content="width=device-width, initial-scale=1.0" />
7     <link
8       rel="stylesheet"
9       href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css"
10      integrity="sha384-Vkoo8x4CGS03+HhEV8T/QSPaXKtU6ug5TOeFVg81fWEPdMnpuHof23Q91fjh"
11      crossorigin="anonymous"
12    />
13     <link
14       rel="stylesheet"
15       href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css"
16       crossorigin="anonymous"
17     />
18     <title>{&#x27;block title &#x27;}Common page{&#x27;endblock &#x27;}</title>
19   </head>
20   <body>
21     <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
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         </div>
39       </div>
40     </nav>
41   </body>
42 </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-Jz6rKGI1EpxrfeSZA6EG8h3HzdV1Op1p/JuZuyc/S+v6PVCav1"
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>
```



The image shows a Visual Studio Code editor window with the file 'login.html' open. The editor has a dark theme. The top menu bar includes File, Edit, Selection, View, Go, Run, Terminal, and Help. The top toolbar shows icons for Launch, Run and Debug, and other standard VS Code functions. The Explorer sidebar on the left shows a project structure with files: app.py, welcome.html, base.html, home.html, login.html (selected), and signup.html. The main editor area displays the content of 'login.html', which is an HTML template for a login form. The code includes a CSS style block for the body, a form with a POST method, and two form groups for email and password. The email group contains a label 'Email Address' and an input field with type 'email'. The password group contains a label 'Password' and an input field with type 'password'. A 'Login' button is at the bottom of the form. The left sidebar also shows the 'VARIABLES' panel, which is currently empty. Below the variables panel are sections for 'WATCH', 'CALL STACK', and 'BREAKPOINTS', each with a checkbox for 'Caught Exceptions' and 'Uncaught Errors'.

```
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   <h1 align="center" style="margin-top: 30px;">Login</h1>
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
```

```
1 <form method="POST">
2 <h3 align="center" style="margin-top: 30px;">Sign Up</h3>
3 <div class="form-group">
4   <label for="email">Email Address</label>
5   <input
6     type="email"
7     class="form-control"
8     id="email"
9     name="email"
10    placeholder="Enter email"
11  />
12 </div>
13
14 <div class="form-group">
15   <label for="firstname">First Name</label>
16   <input
17     type="text"
18     class="form-control"
19     id="firstname"
20     name="firstname"
21     placeholder="Enter First Name"
22   />
23 </div>
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>
```

The image shows a Visual Studio Code window with the file explorer on the left displaying a project structure with files like `app.py`, `welcome.html`, `base.html`, `home.html`, `login.html`, and `signup.html`. The `signup.html` file is open in the editor, showing a form template. The code defines two password input fields and a submit button. The first field is labeled 'Password' and the second is labeled 'Password (confirm)'. The submit button is labeled 'Submit'.

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

At the bottom of the editor, there are panels for 'WATCH', 'CALL STACK', and 'BREAKPOINTS'. The status bar at the very bottom shows 'Ln 48, Col 12', 'Spaces: 2', 'UTF-8', 'CR LF', and '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
```

← → ↻ localhost:5000/adduser

Gmail YouTube Maps MIUI Theme Design... Pinterest - India

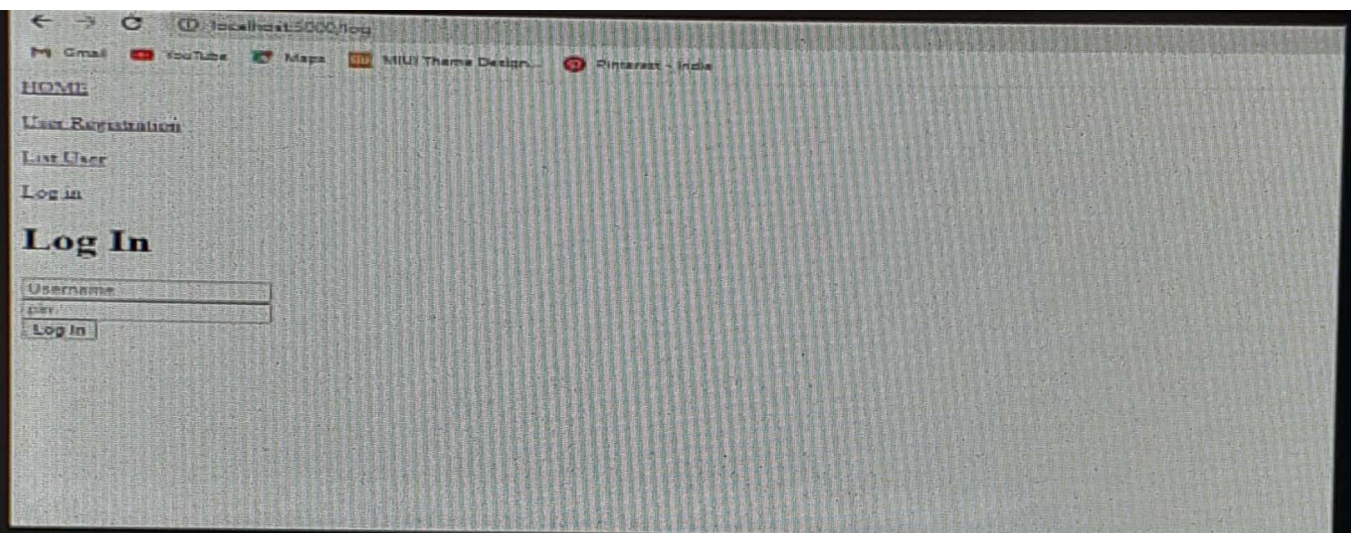
User Information

E-mail

Username

Rollnumber

PIN



← → C localhost:5000/login
Gmail YouTube Maps MIUI Theme Design Pinterest - India

[HOME](#)

[User Registration](#)

[List User](#)

[Log in](#)

Welcome

localhost:5000/deleteRecord

[HOME](#)

Remove User

Username

