

Assignment 2

- 1. Write a flask program which should display Name, Email, Phone number and it should display the same details once we click submit**
- 2. Write a flask program which should cover cookies, sessions**
- 3. Write a flask program which should display the resume details and also have upload resume option by using the file uploading**

1. Write a flask program which should display Name , Email, phone and it should display the same details once we hit submit

login.html X submit.html main.py

Template > login.html > html > body > form > div > br

```
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      <title>IBM</title>
8
9  </head>
10 <body>
11     <form action="/submit" method="post">
12         <div>
13             <h1>FORM</h1>
14         </div>
15         <div>
16             <label for="name">Name:</label>
17             <input type="text" name="name" id="name"><br><br>
18
19         </div>
20         <div>
21             <label for="email">Email:</label>
22             <input type="email" name="email" id="email"><br><br>
23
24         </div>
25         <div>
26             <label for="phone">Phone Number:</label>
27             <input type="text" name="phone" id="phone"><br><br>
28
29         </div>
30         <button type="submit">submit</button>
31
32     </form>
33 </body>
34 </html>
```

login.html submit.html X main.py

Template > submit.html > 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      <title>IBM</title>
8  </head>
9  <body>
10     <div>
11         <h1>DETAILS</h1>
12         <table>
13             <tr>
14                 <td>Name</td>
15                 <td>{{name}}</td>
16             </tr>
17             <tr>
18                 <td>Email</td>
19                 <td>{{email}}</td>
20             </tr>
21             <tr>
22                 <td>Phone Number</td>
23                 <td>{{phone}}</td>
24             </tr>
25         </table>
26     </div>
27 </body>
28 </html>
```

<> login.html <> submit.html main.py X

main.py > ...

```
1  from flask import Flask, render_template, request
2  app=Flask(__name__, template_folder='template')
3  @app.route('/')
4  @app.route('/login')
5  def homepage():
6      return render_template('login.html')
7  @app.route("/submit", methods=['POST', 'GET'])
8  def register():
9      if request.method=='POST':
10         n = request.form.get('name')
11         e = request.form.get('email')
12         p = request.form.get('phone')
13         return render_template('submit.html', name=n, email=e, phone=p)
14 if __name__=="__main__":
15     app.run(debug=True)
16
```

FORM

Name:

Email:

Phone Number:

DETAILS

Name aaa

Email aaa@gmail.com

Phone Number 9087654321

2. Write a flask program which should cover cookies , sessions


```

main.py x form.html submit.html
main.py > form
1 from flask import render_template, make_response, request, Flask, redirect, url_for, session
2 import os
3 app = Flask(__name__, template_folder='templates')
4 app.secret_key = os.urandom(58)
5 @app.route('/')
6 @app.route('/form')
7 @app.route('/submit', methods=['POST'])
8 def form():
9     if not (session.get('user')):
10         if not request.cookies.get('choice'):
11             if request.method == 'POST':
12                 number = str(request.form['number'])
13                 response = make_response("Cookie and Session")
14
15                 response.set_cookie('choice', number)
16                 session['user'] = str(request.form['name'])
17                 return response
18             else:
19                 response = make_response(render_template('submit.html', cookie = str(request.cookies.get('choice')), user = (str(session.get('user')))))
20                 return redirect(url_for('submit.html'))
21
22     else:
23         return render_template('submit.html', cookie = str(request.cookies.get('choice')), user = (str(session.get('user'))))
24
25     return render_template('form.html')
26
27 if __name__ == "__main__":
28     app.run(debug = True)

```

```

main.py  form.html X  submit.html
templates > form.html > html
1  <html>
2      <body>
3          <form action = "/submit" method = "POST">
4              <p><h3>Enter Name</h3></p>
5              <p><input type = 'text' name = 'name' /></p>
6              <p><h4>Select number: </p>
7                  <select name="number" id="number">
8                      <option value="one">One</option>
9                      <option value="two">Two</option>
10                     <option value="three">Three</option>
11                     <option value="four">Four</option>
12                 </select>
13                 <br><br>
14             <p><input type = 'submit' value = 'Login' /></p>
15         </form>
16     </body>
17 </html>

```

```
File Edit Selection View Go Run Terminal Help
submit.html - Demo - Visual Studio Code

main.py form.html submit.html x
templates > submit.html > html > body > p
1 <html>
2   <body>
3
4     <p>User name: {{user}}</p>
5     <p> Cookie:{{cookie}}</p>
6
7   </body>
8 </html>
```

0 0 0 Live Share Ln 5, Col 19 Spaces: 4 UTF-8 CRLF HTML Go Live

Enter Name

Select number:

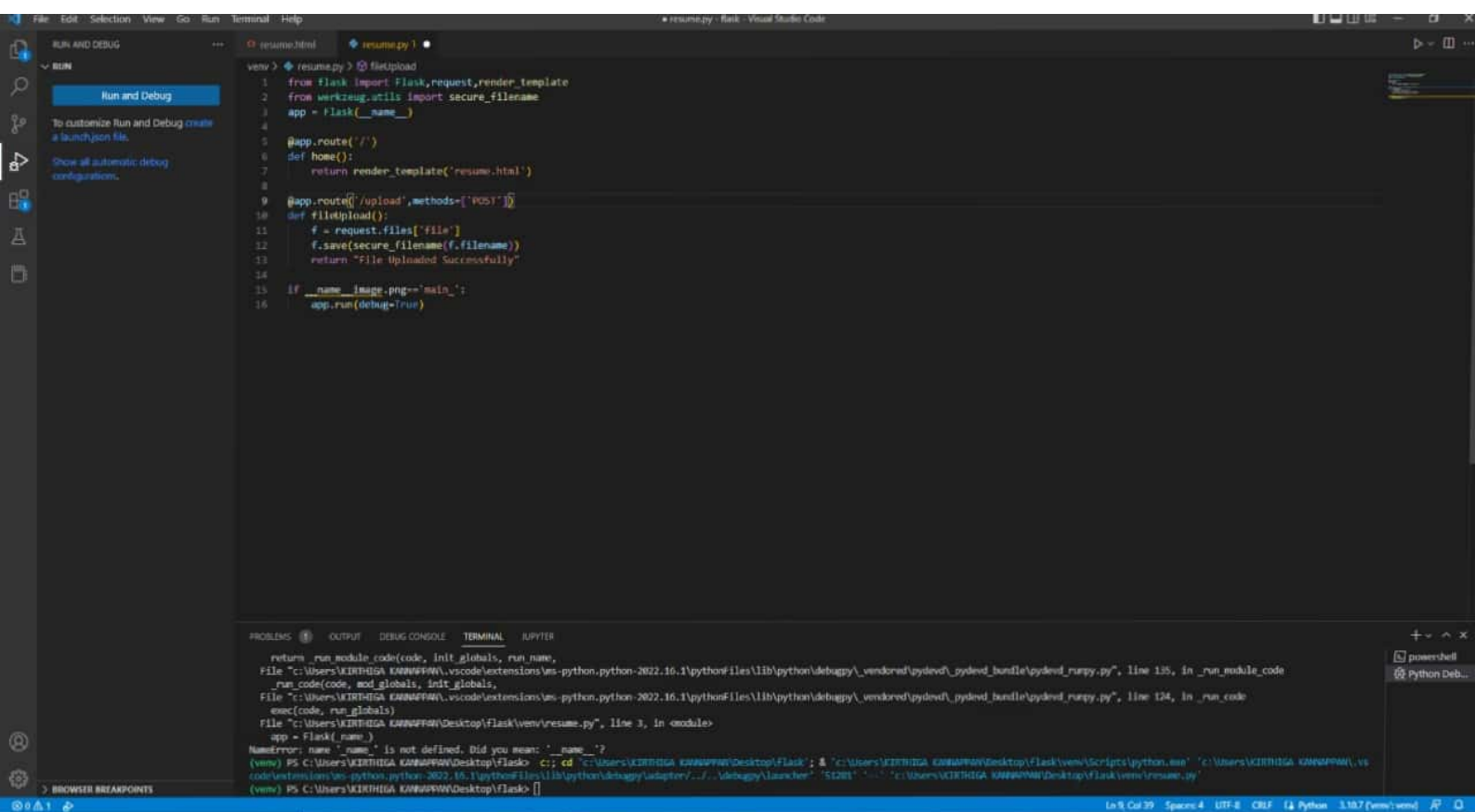
 ▼

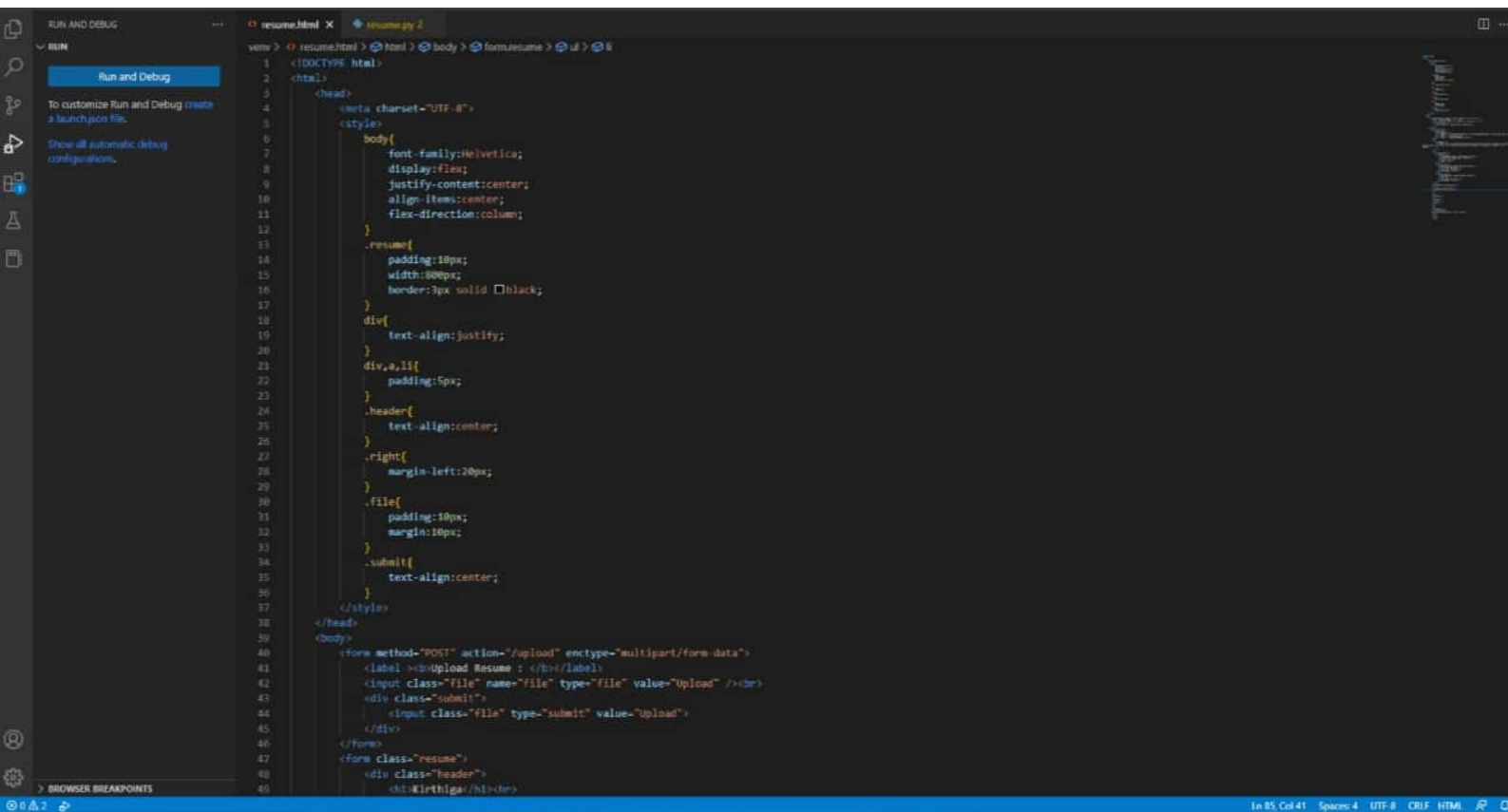
Cookie and Session

User name: sara

Cookie:two

3) Write a flask program which should display resume details and also have upload resume option by using file uploading.







```
59 </div>
60 </div>
61 <div>
62 <h2>Education</h2>
63 <div class="right">
64 <h3>Saranathan College of Engineering, Trichy</h3>
65 <div>Bachelor of Engineering - BE ECE</div>
66 <div>2019 - 2023</div>
67 <h3>CGPA : 8.8</h3>
68 </div>
69 <div class="right">
70 <h3>ST.James Matric Higher Secondary School</h3>
71 <div>HSC, Maths Biology</div>
72 <div>Jun 2017 - Mar 2019</div>
73 <h3>Percentage : 76.3%</h3>
74 </div>
75 <div class="right">
76 <h3>ST.James Matric Higher Secondary School</h3>
77 <div>SSC</div>
78 <div>Jun 2016 - Mar 2017</div>
79 <h3>Percentage : 94.5%</h3>
80 </div>
81 </div>
82 <h2>Additional Certifications</h2>
83 <ul>
84 <li>Digital circuits-NPTEL</li>
85 <li>Programming in Core Java</li>
86 </ul>
87 </div>
88 <div>
89 <h2>Skills</h2>
90 <ul>
91 <li>Python</li>
92 <li>C++</li>
93 <li>Java</li>
94 </ul>
95 </div>
96 <div>
97 <h2>Projects</h2>
98 <div class="right">
99 Accident Preventing U-Turn using IR Sensors
100 </div>
101 </div>
102 </body>
103 </html>
104
105
106
107
```

