

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


```
File Edit Selection View Go Run Terminal Help
main.py - Demo - Visual Studio Code

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         else:
22             return render_template('submit.html', cookie = str(request.cookies.get('choice')), user = (str(session.get('user'))))
23     return render_template('form.html')
24
25 if __name__ == "__main__":
26     app.run(debug = True)
```

Ln 11, Col 41 Spaces: 4 UTF-8 CRLF Python 3.10.1 64-bit Go Live

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

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>
```

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

Enter Name

Select number:

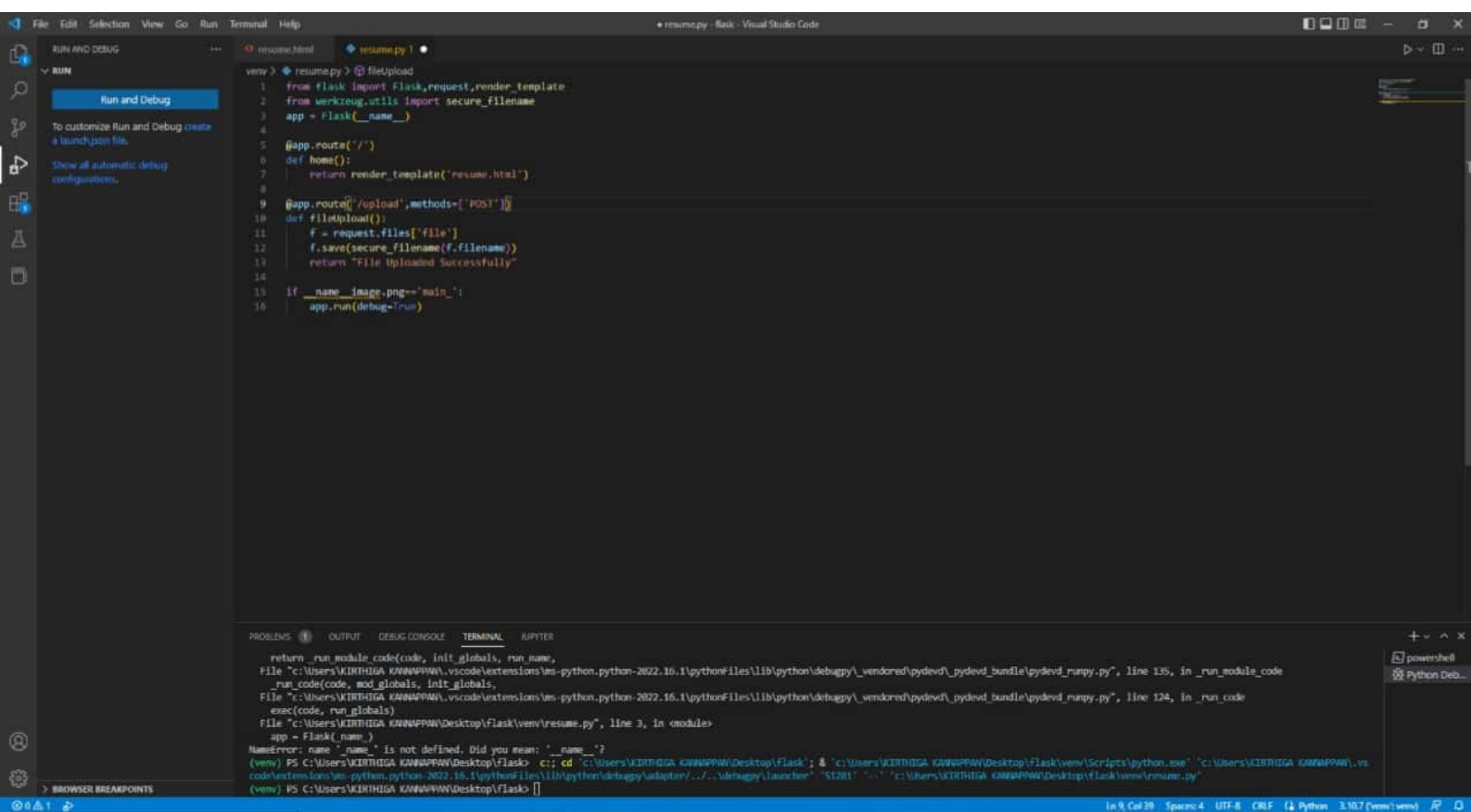
 ▼

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.



File Edit Selection View Go Run Terminal Help

resume.html - launcher - Visual Studio Code

RUN AND DE... Attach ...

VARIABLES

WATCH

CALL STACK

BREAKPOINTS

- ☐ Caught Exceptions
- ☒ Uncaught Exceptions

Attach to Chrome (launched)

Ln 92, Col 74, Spaces: 4, UTF-8, CRLF, HTML

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <meta charset="UTF-8">
5     <style>
6       body{
7         font-family:Helvetica;
8         display:flex;
9         justify-content:center;
10        align-items:center;
11        flex-direction:column;
12      }
13      .resume{
14        padding:10px;
15        width:800px;
16        border:3px solid black;
17      }
18      div{
19        text-align:justify;
20      }
21      div,a,li{
22        padding:5px;
23      }
24      .header{
25        text-align:center;
26      }
27      .right{
28        margin-left:20px;
29      }
30      .file{
31        padding:10px;
32        margin:10px;
```

```
File Edit Selection View Go Run Terminal Help
resume.html - launcher - Visual Studio Code

RUN AND DE... Attach ...
VARIABLES
WATCH
CALL STACK Running
BREAKPOINTS
Caught Exceptions
Uncaught Exceptions
Attach to Chrome (launcher)

C:\Users\Admin\Documents> resume.html > ...
34         .submit{
35             text-align:center;
36         }
37     </style>
38 </head>
39 <body>
40     <form method="POST" action="/upload" enctype="multipart/form-data">
41         <label ><b>Upload Resume : </b></label>
42         <input class="file" name="file" type="file" value="Upload" /><br>
43         <div class="submit">
44             <input class="file" type="submit" value="Upload">
45         </div>
46     </form>
47     <form class="resume">
48         <div class="header">
49             <h1>kavya</h1><hr>
50             <div><b>Address :</b><b>Thiruvallur street,Tamil Nadu</div>
51             <div><b>Phone :</b><b>9361153273</div>
52             <div><b>Email :</b><b>kavyachitra2001@gmail.com</div>
53         </div>
54         <div>
55             <h2>Summary</h2>
56             <div class="right">A self-motivated, hard-working and positive student looking for a fresher position. I am look
57 mycareer options in IT sector which provides an opportunity to expand my knowledge as a computer science
58 graduate.
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>
```

```
File Edit Selection View Go Run Terminal Help
resume.html - launcher - Visual Studio Code

RUN AND DE... Attach ...
VARIABLES
C: > Users > Admin > Documents > resume.html > html > body > form.resume > div > ul > li

66      <div>2019 - 2023</div>
67      <h3>CGPA : 8.75%</h3>
68    </div>
69    <div class="right">
70      <h3>Sairam matric.hr Sec School</h3>
71      <div>HSC, Maths Computer Science</div>
72      <div>Jun 2017 - Mar 2019</div>
73      <h3>Percentage : 83.33%</h3>
74    </div>
75    <div class="right">
76      <h3>Sairam matric.Hr.Sec School</h3>
77      <div>SSC</div>
78      <div>Jun 2016 - Mar 2017</div>
79      <h3>Percentage : 97.8%</h3>
80    </div>
81  </div>
82  <div>
83    <h2>Skills</h2>
84    <ul>
85      <li>C </li>
86      <li>python</li>
87    </ul>
88  </div>
89  <div>
90    <h2>Project</h2>
91    <ul>
92      <li>Done a mini project Accident prevention in U-turn</li>
93    </ul>
94  </div>
95  </body>
96  </html>
97
```

Upload Resume : No file chosen

kavya

Address : Thiruvallur street, Tamil Nadu

Phone : 9361153273

Email : kavyachitra2001@gmail.com

Summary

A self-motivated, hard-working and positive student looking for a fresher position. I am looking to explore my career options in IT sector which provides an opportunity to expand my knowledge as a computer science graduate.

Education

Saranathan College of Engineering, Trichy

Bachelor of Engineering - BE ECE

2019 - 2023

CGPA : 8.75%

Sairam matric hr. sec school

HSC, Biomaths

Jun 2017 - Mar 2019

Percentage : 83.33%

Sairam matric hr sec.school

A self-motivated, hard-working and positive student looking for a fresher position. I am looking to explore my career options in IT sector which provides an opportunity to expand my knowledge as a computer science graduate.

Education

Saranathan College of Engineering, Trichy

Bachelor of Engineering - BE ECE

2019 - 2023

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HSC, Biomaths

Jun 2017 - Mar 2019

Percentage : 83.33%

Sairam matric hr sec.school

SSC

Jun 2016 - Mar 2017

Percentage : 97.8%

Skills

- C
- python

Project

- Done a mini project Accident prevention in U-turn