

ASSIGNMENT 2

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



display.py X

details.html X



```
1  from flask import Flask,render_template,request
2  app = Flask(__name__)
3
4  @app.route('/')
5  def home():
6      return render_template('details.html')
7
8  @app.route('/display',methods=['POST'])
9  def display():
10     name = request.form['name']
11     email = request.form['email']
12     phone = request.form['phone']
13     str = "Name : "+name+"<br>Email : "+email+"<br>Phone : "+phone
14     return str
15
16 if __name__=='__main__':
17     app.run(debug=True)
```

18

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <meta charset="utf-8">
5     <style>
6       body{
7         display: flex;
8         justify-content: center;
9         align-items: center;
10        flex-direction: column;
11      }
12      form{
13        display: flex;
14        flex-direction: column;
15        justify-content: center;
16        align-items: center;
17        padding: 20px;
18        border: 1px solid black;
19      }
20      header{
21        font-size: 30px;
22        padding: 10px;
23      }
24    </style>
25  </head>
26  <body>
27
28    <form action="/display" method="POST">
29      <header>Details<hr></header>
30      <div>
31        <label>Name : </label><br><br>
32        <input name="name" id="name" type="text" />
33      </div><br>
34      <div>
35        <label>Email ID :</label><br><br>
36        <input name="email" id="email" type="text" />
37      </div><br>
38      <div>
39        <label>Phone Number : </label><br><br>
40        <input name="phone" id="phone" type="text" />
```

```
8         justify-content:center;
9         align-items:center;
10        flex-direction:column;
11    }
12    form{
13        display:flex;
14        flex-direction:column;
15        justify-content:center;
16        align-items:center;
17        padding:20px;
18        border:1px solid black;
19    }
20    header{
21        font-size:30px;
22        padding:10px;
23    }
24    </style>
25    </head>
26    <body>
27
28        <form action="/display" method="POST">
29            <header>Details<hr></header>
30            <div>
31                <label>Name : </label><br><br>
32                <input name="name" id="name" type="text" />
33            </div><br>
34            <div>
35                <label>Email ID :</label><br><br>
36                <input name="email" id="email" type="text" />
37            </div><br>
38            <div>
39                <label>Phone Number : </label><br><br>
40                <input name="phone" id="phone" type="text" />
41            </div><br>
42            <input type="submit" value="Submit"/>
43        </form>
44    </body>
45    </html>
```

Details

Name :

Email ID :

Phone Number :

Name : AGALYA R
Email : agalravi2709@gmail.com
Phone : 9655340916

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

```
1  from flask import Flask,make_response,request
2  app = Flask(__name__)
3
4  @app.route('/set')
5  def setcookie():
6      resp = make_response("Setting cookie")
7      resp.set_cookie('framework','flask')
8      return resp
9  @app.route('/get')
10 def getcookie():
11     framework= request.cookies.get('framework')
12
13     return 'The framework is '+framework
14
15
16 if __name__ == '__main__':
17     app.run(debug=True)
18
```


Setting cookie

The framework is flask



session.py X

index.html X

login.html X

```
1  from flask import Flask, render_template, redirect, request, session
2  from flask_session import Session
3
4  app = Flask(__name__)
5  app.config["SESSION_PERMANENT"] = False
6  app.config["SESSION_TYPE"] = "filesystem"
7  Session(app)
8
9
10 @app.route("/")
11 def index():
12     if not session.get("name"):
13         return redirect("/login")
14     return render_template('index.html')
15
16
17 @app.route("/login", methods=["POST", "GET"])
18 def login():
19     if request.method == "POST":
20         session["name"] = request.form.get("name")
21         return redirect("/")
22     return render_template("login.html")
23
24
25 @app.route("/logout")
26 def logout():
27     session["name"] = None
28     return redirect("/")
29
30
31 if __name__ == "__main__":
32     app.run(debug=True)
33
34
```



session.py X

index.html X

login.html X



```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <meta charset="UTF-8">
5   </head>
6   <body>
7     <h1> REGISTER </h1>
8
9     <form action="/Login" method="POST">
10       <input placeholder="Name" autocomplete="off" type="text" name="name">
11       <input type="submit" name="Register">
12     </form>
13
14   </body>
15 </html>
```



session.py X

index.html X

login.html X



```
1 |!DOCTYPE html>
2 <html>
3   <head>
4     <meta charset="UTF-8">
5   </head>
6   <body>
7     <div>You are registered {{session.name}}</div><a href="/logout" >logout</a>
8
9   </body>
10 </html>
11
```

REGISTER

<input type="text" value="Agalya R"/>	<input type="submit" value="Submit"/>
---------------------------------------	---------------------------------------

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

```
1 from flask import Flask,request,render_template
2 from werkzeug.utils import secure_filename
3 app = Flask(__name__)
4
5 @app.route('/')
6 def home():
7     return render_template('resume.html')
8
9 @app.route('/upload',methods=['POST'])
10 def fileUpload():
11     f = request.files['file']
12     f.save(secure_filename(f.filename))
13     return "File Uploaded Successfully"
14
15 if __name__=='__main__':
16     app.run(debug=True)
```



```
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;
33      }
34      .submit{
35        text-align:center;
36      }
37    </style>
38  </head>
39  <body>
```

```
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>R AGALYA</h1><hr>
50                 <div><b>Address :</b>38,3 rd street,Reddy nagar,K.K.Nagar,Trichy,Tamil Nadu</d
51                 <div><b>Phone :</b>9655340916</div>
52                 <div><b>Email :</b>agalravi2709@gmail.com</div>
53             </div>
54             <div>
55                 <h2>Summary</h2>
56                 <div class="right">Enthusiastic, ambitious & budding Engineer looking to explo
57 best of IT / Tech industry. Ready to develop with the latest
58 technologies & keep updating as per the respective company's
59 requirements and achieve the goals set. Active team player and ready
60 to lead interactively
61                 </div>
62             </div>
63             <div>
64                 <h2>Education</h2>
65                 <div class="right">
66                     <h3>Saranathan College of Engineering, Trichy</h3>
67                     <div>Bachelor of Engineering - BE ECE</div>
68                     <div>2019 - 2023</div>
69                     <h3>CGPA : 9.01</h3>
70                 </div>
71                 <div class="right">
72                     <h3>Periyar maniammai girls higher sec school</h3>
73                     <div>HSC, Maths Biology</div>
74                     <div>Jun 2016 - Mar 2018</div>
75                     <h3>Percentage : 80.75%</h3>
76                 </div>
77                 <div class="right">
```

```
69         <h3>CGPA : 9.01</h3>
70     </div>
71     <div class="right">
72         <h3>Periyar maniammai girls higher sec school</h3>
73         <div>HSC, Maths Biology</div>
74         <div>Jun 2016 - Mar 2018</div>
75         <h3>Percentage : 80.75%</h3>
76     </div>
77     <div class="right">
78         <h3>ST.Anthonys matriculation high school</h3>
79         <div>SSC</div>
80         <div>Jun 2015 - Mar 2016</div>
81         <h3>Percentage : 98.4%</h3>
82     </div>
83 </div>
84 <div>
85     <h2>License And Certifications</h2>
86     <ul>
87         <li>Model United Nation Mock</li>
88     </ul>
89 </div>
90 <div>
91     <h2>Skills</h2>
92     <ul>
93         <li>Python</li>
94         <li>C</li>
95     </ul>
96 </div>
97 <div>
98     <h2>Projects</h2>
99     <div class="right">
100         Done a mini project Facial Detection Door lock
101     </div>
102     <div class="right">
103         Won National level Keyword finding competition
104 </div>
105 </form>
106 </body>
107 </html>
```

Upload Resume :

Choose File

No file chosen

Upload

R AGALYA

Address :38,3 rd street,Reddy nagar,K.K.Nagar,Trichy,Tamil Nadu

Phone :9655340916

Email :agalravi2709@gmail.com

Summary

Enthusiastic, ambitious & budding Engineer looking to explore for the best of IT / Tech industry. Ready to develop with the latest technologies & keep updating as per the respective company's requirements and achieve the goals set. Active team player and ready to lead interactively

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License And Certifications

- Model United Nation Mock

Skills

- Python
- C

Projects

Done a mini project Facial Detection Door lock

Won National level Keyword finding competition