

# ASSIGNMENT-2

TEAM ID: PNT2022TMID32632

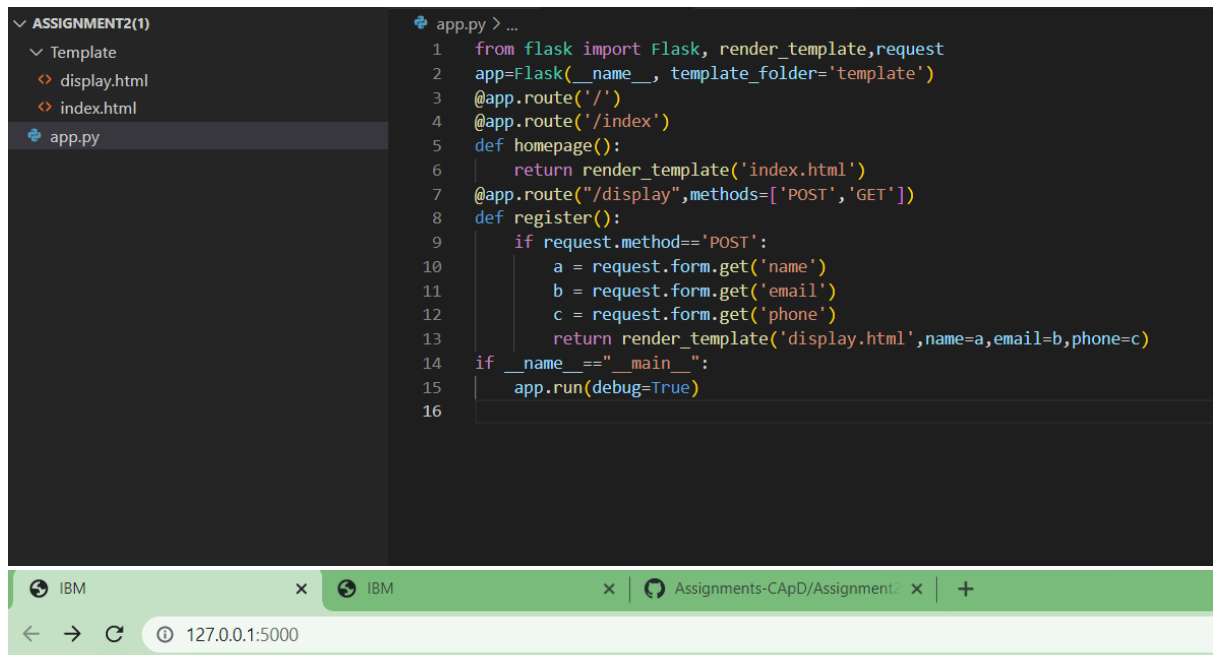
- (1) Write a flask program which should display Name, Email, and phone and it should display the same details once we hit submit.

```
ASSIGNMENT2(1)
  Template
    display.html
    index.html
    app.py

Template > index.html > html > body > form > div > label
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   <form action="/display" method="post">
11     <div>
12       <h1>ASSIGNMENT-2(1)</h1>
13     </div>
14     <div>
15       <label for="name">Name:</label>
16       <input type="text" name="name" id="name"><br><br>
17     </div>
18     <div>
19       <label for="email">Email:</label>
20       <input type="email" name="email" id="email"><br><br>
21     </div>
22     <div>
23       <label for="phone">Phone Number:</label>
24       <input type="text" name="phone" id="phone"><br><br>
25     </div>
26     <button type="submit">submit</button>
27   </form>
28 </body>
29 </html>

ASSIGNMENT2(1)
  Template
    display.html
    index.html
    app.py

Template > display.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>Assignment</title>
8 </head>
9 <body>
10   <div>
11     <h1>SUBMISSION 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>
```



## ASSIGNMENT-2(1)

Name:

Email:

Phone Number:

## SUBMISSION DETAILS

Name                xxxxxxxxxx

Email                user@gmail.com

Phone Number 9876543210

(2) Write a flask program which should cover cookies, sessions

```
app.py x index.html output.html
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(24)
5 @app.route('/')
6 @app.route('/index')
7 @app.route('/output', methods=['POST'])
8 def index():
9     if not (session.get('user')):
10         if not request.cookies.get('choice'):
11             if request.method == 'POST':
12                 colour = str(request.form['colour'])
13                 response = make_response("Setting your Cookie and Session! Please refresh the page to see the results - ")
14
15                 response.set_cookie('choice', colour)
16                 session['user'] = str(request.form['name'])
17                 return response
18             else:
19                 response = make_response(render_template('output.html', cookie = str(request.cookies.get('choice')), user = (str(session.get('user')))))
20                 return redirect(url_for('output'))
21         else:
22             return render_template('output.html', cookie = str(request.cookies.get('choice')), user = (str(session.get('user'))))
23     return render_template('index.html')
24
25 if __name__ == "__main__":
26     app.run(debug = True)
```

PROBLEMS OUTPUT TERMINAL JUPYTER DEBUG CONSOLE Code

WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.  
\* Running on http://127.0.0.1:5000  
Press CTRL+C to quit  
\* Restarting with stat  
\* Debugger is active!  
\* Debugger PIN: 100-181-366

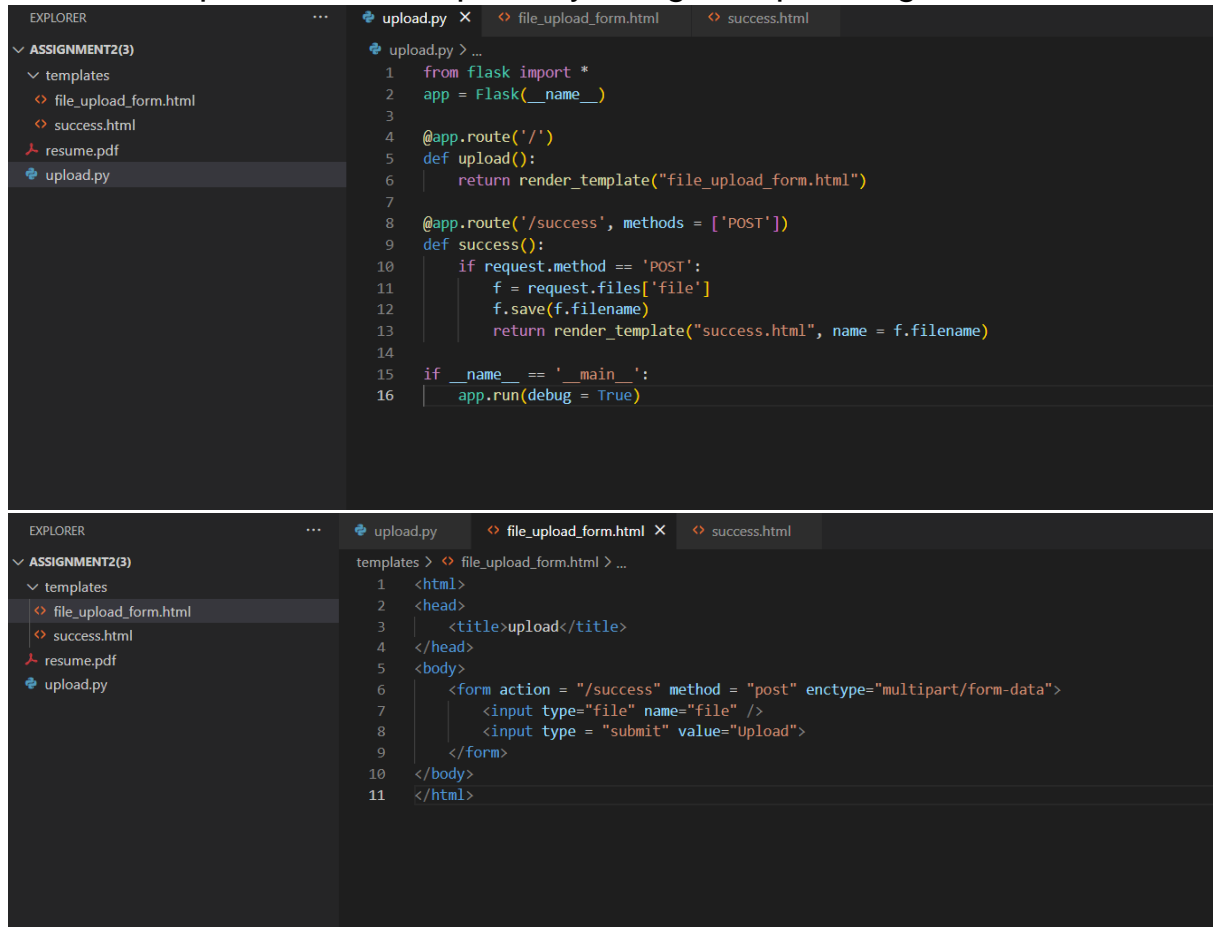
127.0.0.1:5000

Enter userID

Select your favourite colour:



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



The image displays two screenshots of a VS Code editor showing the implementation of a Flask file upload application.

**Top Screenshot: Python Code (upload.py)**

```
EXPLORER
ASSIGNMENT2(3)
  templates
    file_upload_form.html
    success.html
  resume.pdf
  upload.py

upload.py > ...
1 from flask import *
2 app = Flask(__name__)
3
4 @app.route('/')
5 def upload():
6     return render_template("file_upload_form.html")
7
8 @app.route('/success', methods = ['POST'])
9 def success():
10     if request.method == 'POST':
11         f = request.files['file']
12         f.save(f.filename)
13         return render_template("success.html", name = f.filename)
14
15 if __name__ == '__main__':
16     app.run(debug = True)
```

**Bottom Screenshot: HTML Template (file\_upload\_form.html)**

```
EXPLORER
ASSIGNMENT2(3)
  templates
    file_upload_form.html
    success.html
  resume.pdf
  upload.py

templates > file_upload_form.html > ...
1 <html>
2 <head>
3     <title>upload</title>
4 </head>
5 <body>
6     <form action = "/success" method = "post" enctype="multipart/form-data">
7         <input type="file" name="file" />
8         <input type = "submit" value="Upload">
9     </form>
10 </body>
11 </html>
```

EXPLORER

...

upload.pyfile\_upload\_form.htmlsuccess.html X

ASSIGNMENT2(3)

templates

file\_upload\_form.html

success.html

resume.pdf

upload.py

OUTLINE

TIMELINE

templates > success.html > html > body > form.resume > div > ul > li

```
1 <html>
2 <head>
3 <title>success</title>
4 <style>
5     .resume{
6         width:600px;
7         padding:10px;
8         border: 3px solid black;
9     }
10    .header{
11        text-align: center;
12        font-size: 20px;
13    }
14 </style>
15 </head>
16 <body>
17 <h1>File uploaded successfully</h1>
18 <p>File Name: {{name}}</p>
19 <form class="resume">
20 <div class="header">
21     <p><b>Name:</b>XXXXXXXX</p>
22     <p><b>Mobile Number:</b>9876543210</p>
23     <p><b>Email:</b>xxx@gmail.com</p>
24 </div>
25 <div>
26     <h2>Objective</h2>
27     <p>I am seeking a role in a company where I
28     can contribute my ideas and be
29     mentored towards a successful career.</p><hr>
30 </div>
31 <div>
32     <h2>Education</h2>
33     <p>2019-2023</p>
34     <p>Bachelor of Engineering(CSE)</p>
35     <p>Saranathan College of Engineering</p>
36     <p><b>CGPA:</b>9.2</p><hr>
37
```

EXPLORER

...

upload.pyfile\_upload\_form.htmlsuccess.html X

ASSIGNMENT2(3)

templates

file\_upload\_form.html

success.html

resume.pdf

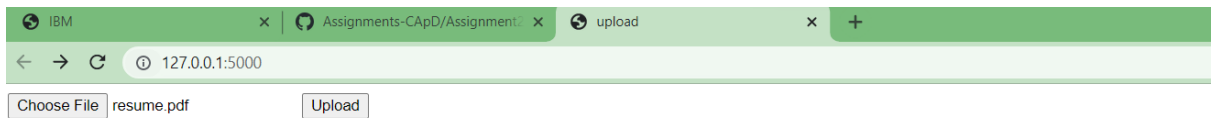
upload.py

OUTLINE

TIMELINE

templates &gt; success.html &gt; html &gt; body &gt; form.resume &gt; div &gt; ul &gt; li

```
38 </div>
39 <div>
40     <h2>Technical Skills</h2>
41     <ul>
42         <li>Python</li>
43         <li>C and C++</li>
44         <li>HTML and CSS</li>
45     </ul><hr>
46 </div>
47 <div>
48     <h2>Personal Traits</h2>
49     <ul>
50         <li>Team work</li>
51         <li>Adaptability</li>
52         <li>Time Management</li>
53     </ul><hr>
54 </div>
55 <div>
56     <h2>Certifications</h2>
57     <ul>
58         <li>Certified in Programming in C and C++ from Internshala
59         </li>
60         <li>Certified in Python from Great Learning</li></ul>
61 </div>
62 </form>
63 </body>
64 </html>
```



## File uploaded successfully

File Name: resume.pdf

**Name:**XXXXXXXX

**Mobile Number:**9876543210

**Email:**xxx@gmail.com

---

### Objective

I am seeking a role in a company where I can contribute my ideas and be mentored towards a successful career.

---

### Education

2019-2023

Bachelor of Engineering(CSE)

Saranathan College of Engineering

**CGPA:**9.2

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### Technical Skills

- Python
- C and C++
- HTML and CSS

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### Personal Traits

- Team work
- Adaptability
- Time Management

---

### Certifications

- Certified in Programming in C and C++ from Internshala
- Certified in Python from Great Learning