

## ASSIGNMENT – 2

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

### **index.html**

```
<!DOCTYPE html>

<html>

<head>

<title> Python</title>

</head>

<body>

<form action ="/login" method="post">

<p>Enter name:</p>

<p><input type="text" name="name"/></p>

<p>Enter phone number:</p>

<p><input type="number" name="phone"/></p>

<p>Enter email id:</p>

<p><input type="email" name="email"/></p>

<p><input type="submit" value="submit"/></p>

</form>

<p><b>{{ x }} </b></p>

<p><b>{{ y }} </b></p>

<p><b>{{ z }} </b></p>

</body>

</html>
```

### **app.py**

```
from flask import Flask,render_template,request
```

```
app=Flask(__name__)

@app.route('/')

def home():

    return render_template('index.html')

@app.route('/login', methods = ["POST"])

def login():

    if request.method == "POST":

        name=request.form["name"]

        phone=request.form["phone"]

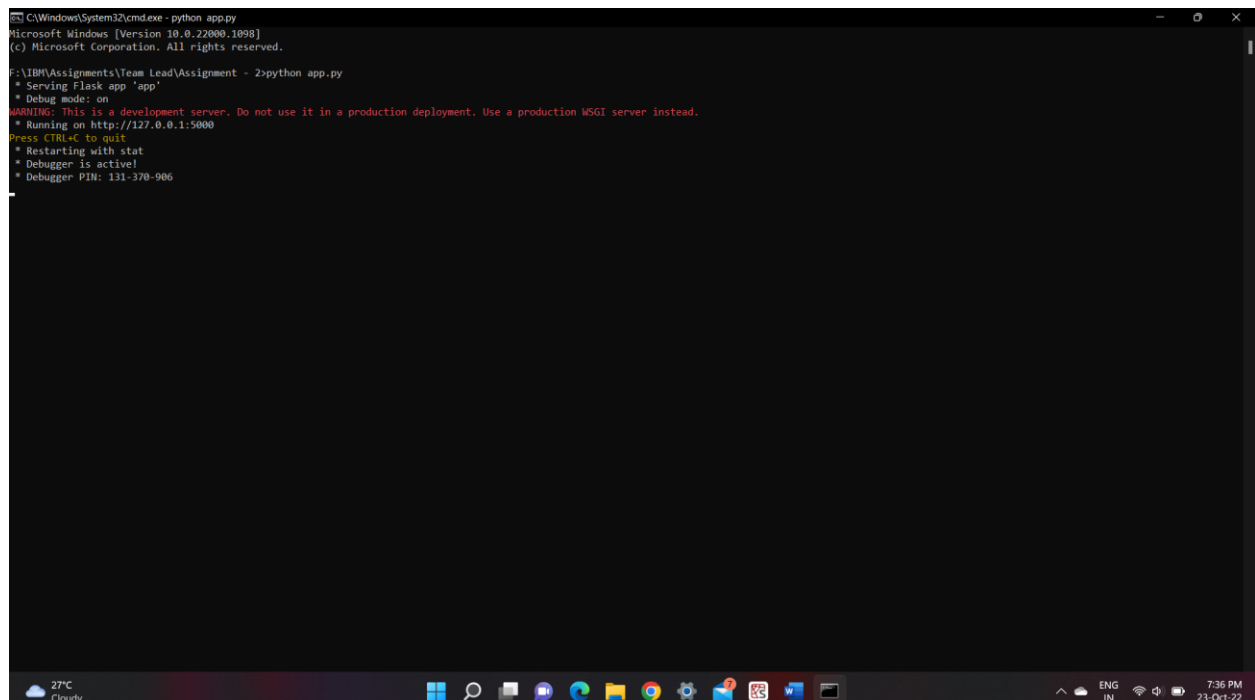
        email=request.form["email"]

        return render_template("index.html",x=name,y=phone,z=email)

if __name__=='__main__':

    app.run(debug=True)
```

## Output Screenshot:

A screenshot of a Windows command prompt window. The title bar reads "C:\Windows\System32\cmd.exe - python app.py". The window content shows the output of running a Flask application. It starts with "Microsoft Windows [Version 10.0.22000.1098] (c) Microsoft Corporation. All rights reserved." followed by the command "F:\IBM\Assignments\Team Lead\Assignment - 2>python app.py". The output includes: "\* Serving Flask app 'app'", "\* Debug mode: on", a warning: "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!", and "\* Debugger PIN: 131-370-906". The Windows taskbar is visible at the bottom, showing the date and time as 7:36 PM on 23-Oct-22, along with weather and system icons.

Python x +

localhost:5000

Enter name:

Enter phone number:

Enter email id:

submit



Python x +

localhost:5000/login

Enter name:

Enter phone number:

Enter email id:

submit

**Nithisha**  
**1234567890**  
**nithi@nithi.com**



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

### getsession.html

```
<html>

<head>

<title>getting the session</title>

</head>

<body>

<p>The session is set with value: <strong>{ { name } }</strong></p>

</body>

</html>
```

### session.py

```
from flask import Flask, make_response ,session, render_template

app = Flask(__name__)

app.secret_key = "abc"

@app.route('/')

def home():

    res = make_response("<h4>session variable is set, <a href='/get'>Get Variable</a></h4>")

    session['response']='session#1'

    return res;

@app.route('/get')

def getVariable():

    if 'response' in session:

        s = session['response'];

        return render_template('getsession.html',name = s)
```

```
@app.route('/cookies')

def cookie():

    res = make_response("<h1>cookie is set</h1>")

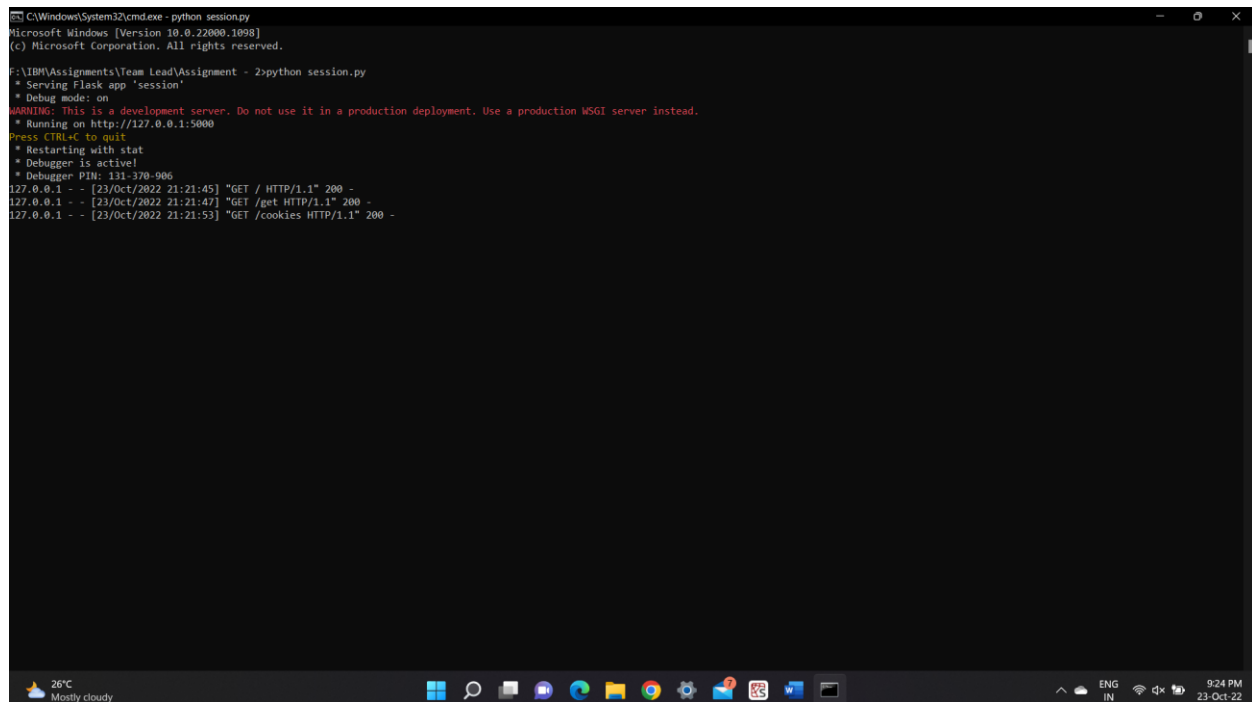
    res.set_cookie('foo','bar')

    return res


if __name__ == '__main__':

    app.run(debug = True)
```

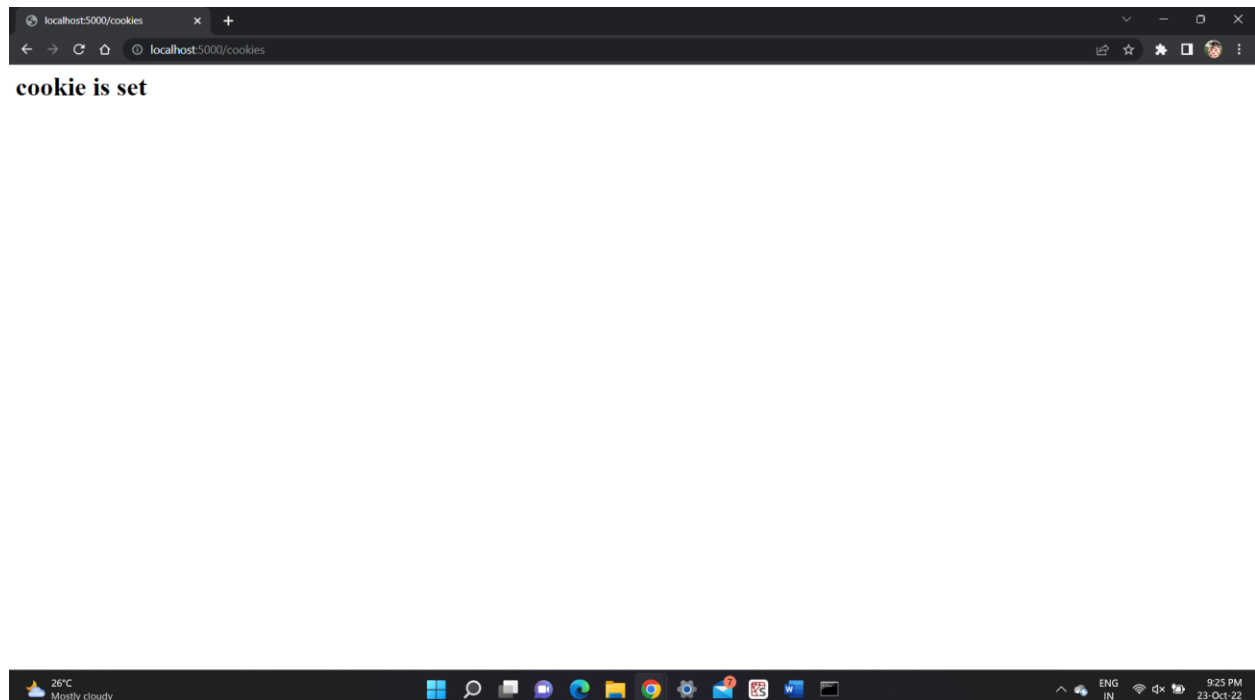
## Output Screenshot:



```
C:\Windows\System32\cmd.exe - python session.py
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

F:\IBM\Assignments\Team Lead\Assignment - 2>python session.py
* Serving Flask app 'session'
* Debug mode: on
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: 131-370-906
127.0.0.1 - - [23/Oct/2022 21:21:45] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [23/Oct/2022 21:21:47] "GET /get HTTP/1.1" 200 -
127.0.0.1 - - [23/Oct/2022 21:21:53] "GET /cookies HTTP/1.1" 200 -
```





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

**upload.py**

```
from flask import Flask, render_template, request
```

```
app = Flask(__name__)
```

```
@app.route('/')
```

```
def upload():
```

```
    return render_template("upload.html")
```

```
@app.route('/success', methods = ['POST'])
```

```
def success():
```

```
    if request.method == 'POST':
```

```
        f = request.files['file']
```

```
        f.save(f.filename)
```

```
return render_template("success.html", name = f.filename)
```

```
if __name__ == '__main__':
```

```
    app.run(debug = True)
```

## upload.html

```
<html>
```

```
<head>
```

```
    <title>upload</title>
```

```
</head>
```

```
<body>
```

```
    <form action = "/success" method = "post" enctype="multipart/form-data">
```

```
        <h1> PERSONAL DETAILS </h1>
```

```
        <p>Enter name:</p>
```

```
        <p><input type="text" name="name"/></p>
```

```
        <p>Enter phone number:</p>
```

```
        <p><input type="number" name="phone"/></p>
```

```
        <p>Enter email id:</p>
```

```
        <p><input type="email" name="email"/></p>
```

```
        <p>Enter CGPA:</p>
```

```
        <p><input type="number" name="cgpa"/></p>
```

```
        <p>Enter year of Graduation:</p>
```

```
        <p><input type="month" name="grad"/></p>
```

```
        <p>Enter address:</p>
```

```
        <p><textarea name="file" rows="4" cols="50"></textarea></p>
```

```
        <p> Upload your resume:</p>
```

```
        <input type="file" name="file" />
```

```
        <p><input type = "submit" value="Upload"></p>
```



</form>

</body>

</html>

## success.html

<html>

<head>

<title>success</title>

</head>

<body>

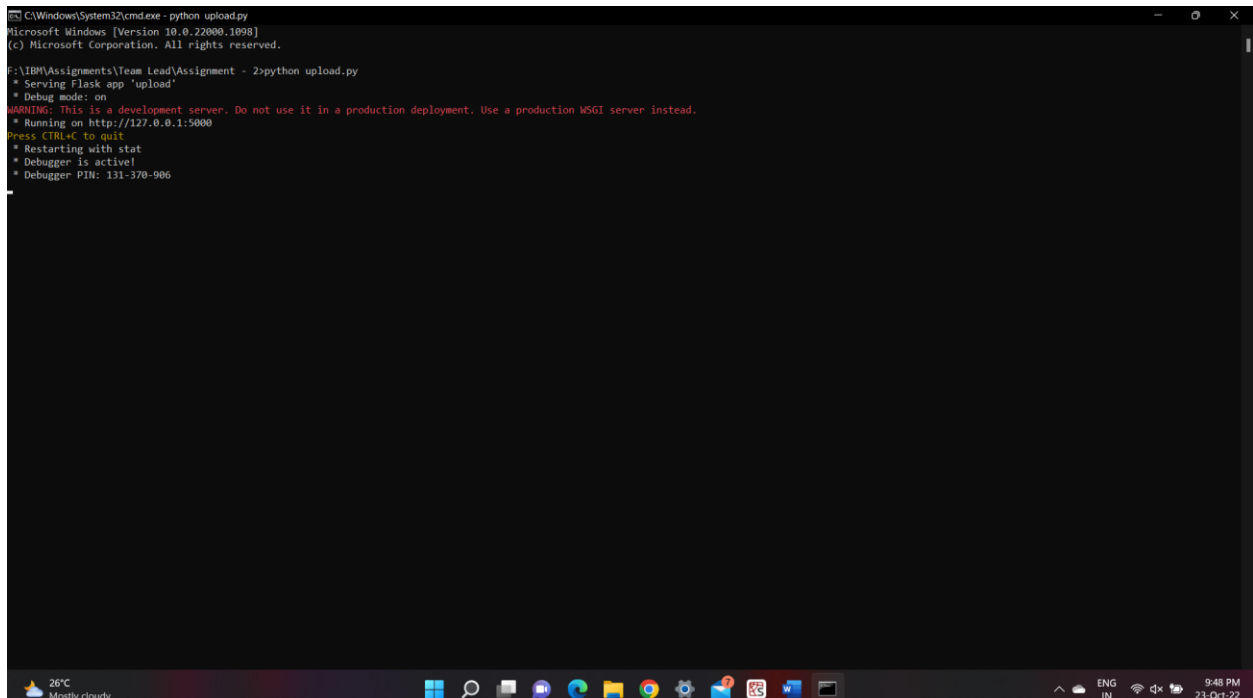
<p>File uploaded successfully</p>

<p>File Name: {{ name }}</p>

</body>

</html>

## Output Screenshot:



```
C:\Windows\System32\cmd.exe - python upload.py
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

F:\IBPA\Assignments\Team Lead\Assignment - 2>python upload.py
* Serving Flask app 'upload'
* Debug mode: on
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: 131-370-906
```

upload

localhost:5000

## PERSONAL DETAILS

Enter name:

Enter phone number:

Enter email id:

Enter CGPA:

Enter year of Graduation:

Enter address:

Upload your resume:

Choose File

No file chosen

Upload

upload

localhost:5000

## PERSONAL DETAILS

Enter name:

Enter phone number:

Enter email id:

Enter CGPA:

Enter year of Graduation:

Enter address:

Upload your resume:

Choose File

Resume.pdf

Upload

