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

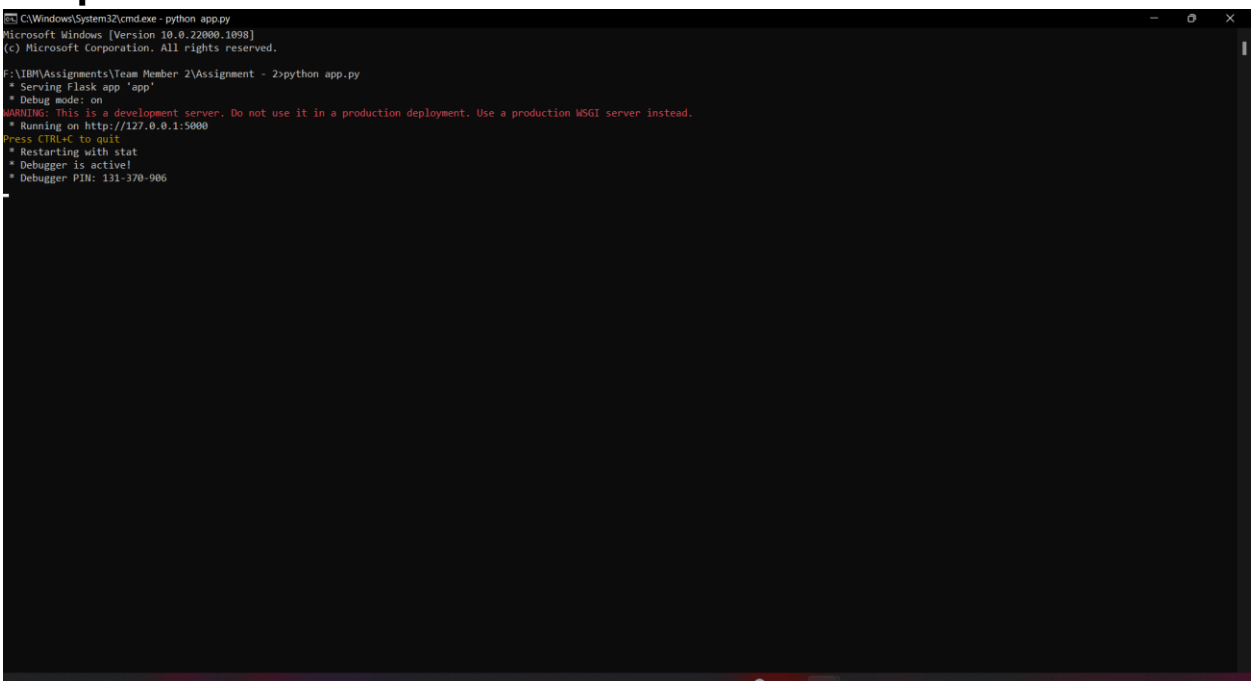
```
<!DOCTYPE html>
<html>
<head>
<title> Python</title>
</head>
<body>
<form action ="/login" method="post">
<p>Enter name:</p>
<p><input type="text" name="name"/></p>
<p>Enter phone number:</p>
<p><input type="number" name="phone"/></p>
<p>Enter email id:</p>
<p><input type="email" name="email"/></p>
<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>
```

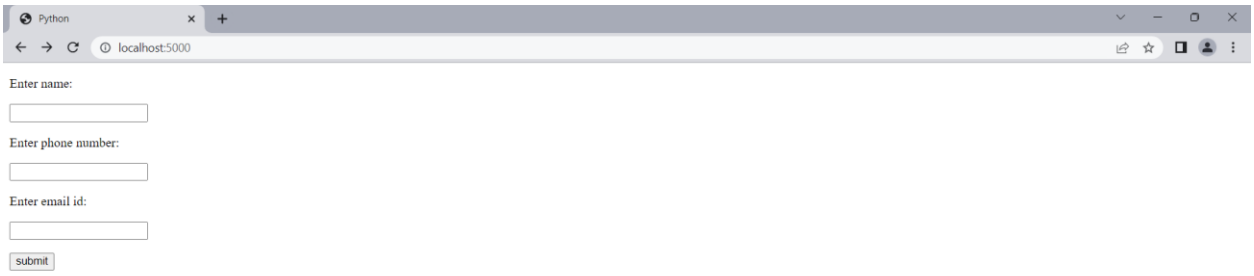
app.py

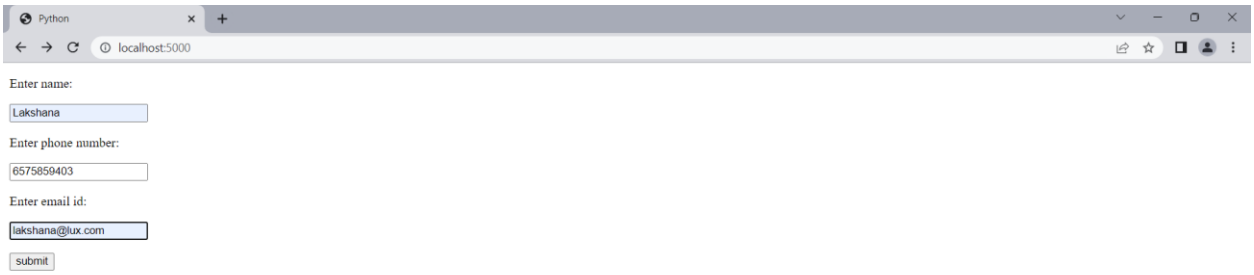
```
from flask import Flask,render_template,request
```

```
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:




Python
localhost:5000
Enter name:
Enter phone number:
Enter email id:
submit


Python
localhost:5000
Enter name:
Lakshana
Enter phone number:
6575859403
Enter email id:
lakshana@lux.com
submit

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

getsession.html

<html>

<head>

<title>getting the session</title>

</head>

<body>

The session is set with value: {{name}}

</body>

</html>

session.py

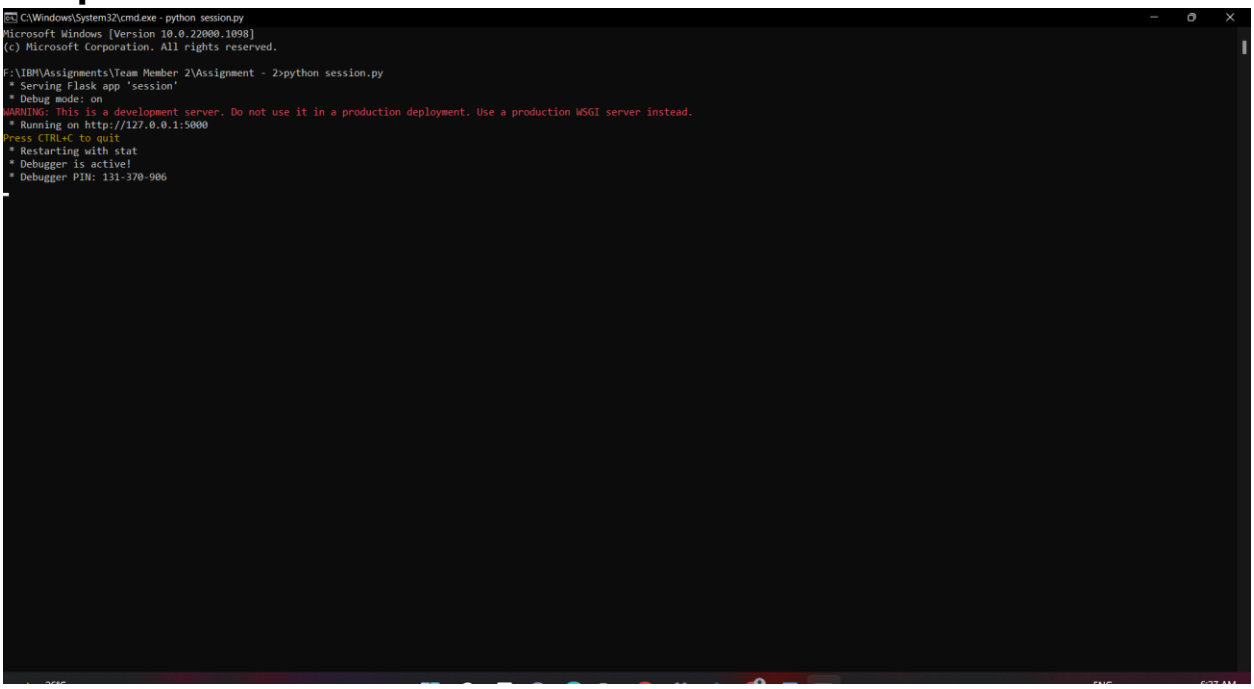
from flask import Flask, make_response ,session, render_template

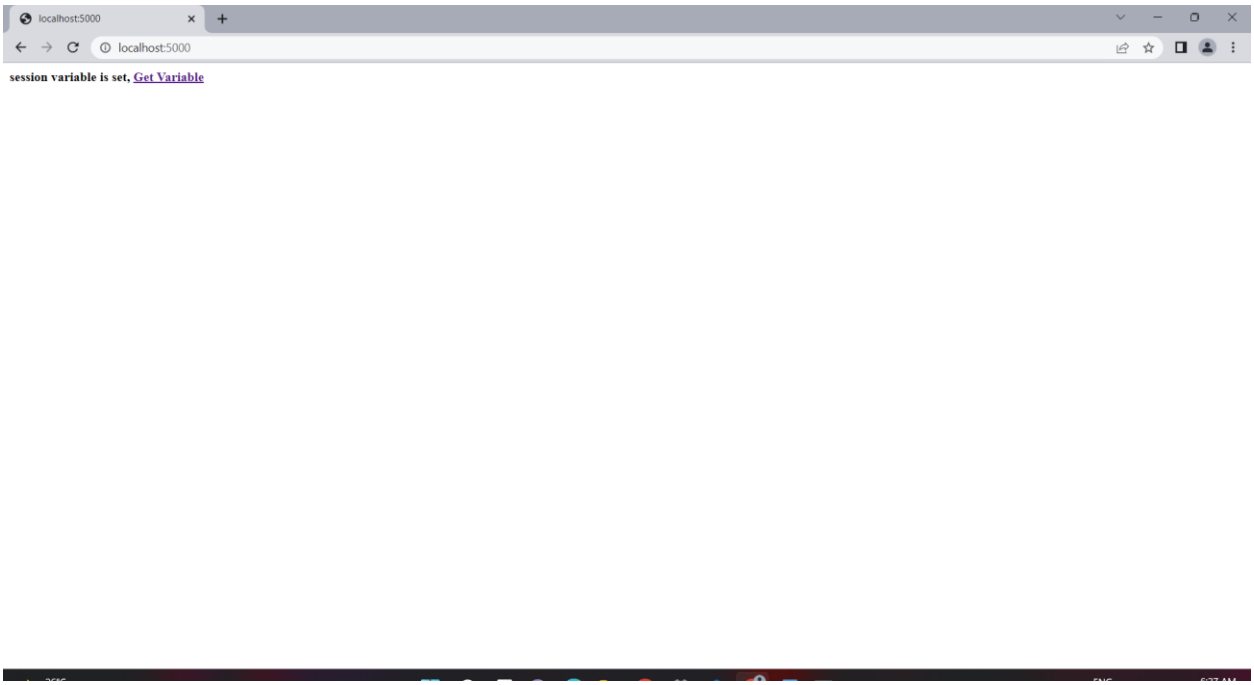
app = Flask(__name__)

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:





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

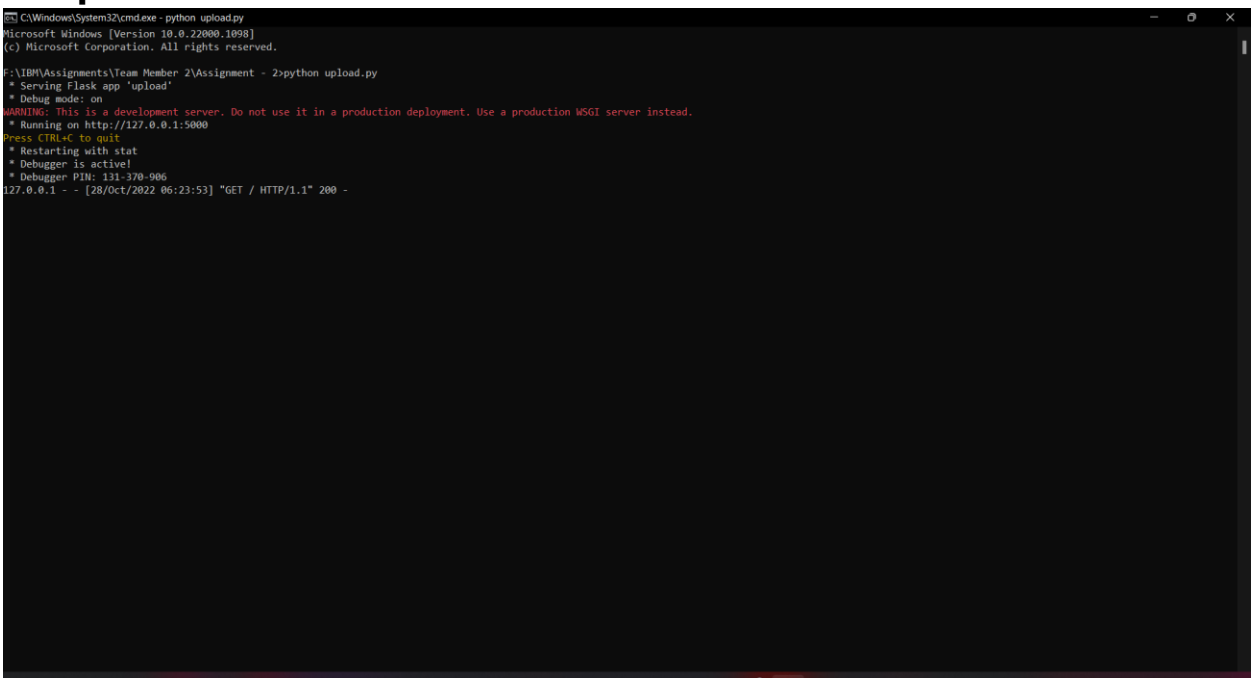
```
<html>
<head>
    <title>upload</title>
</head>
<body>
    <form action = "/success" method = "post" enctype="multipart/form-data">
        <h1> PERSONAL DETAILS </h1>
        <p>Enter name:</p>
        <p><input type="text" name="name"/></p>
        <p>Enter phone number:</p>
        <p><input type="number" name="phone"/></p>
        <p>Enter email id:</p>
```

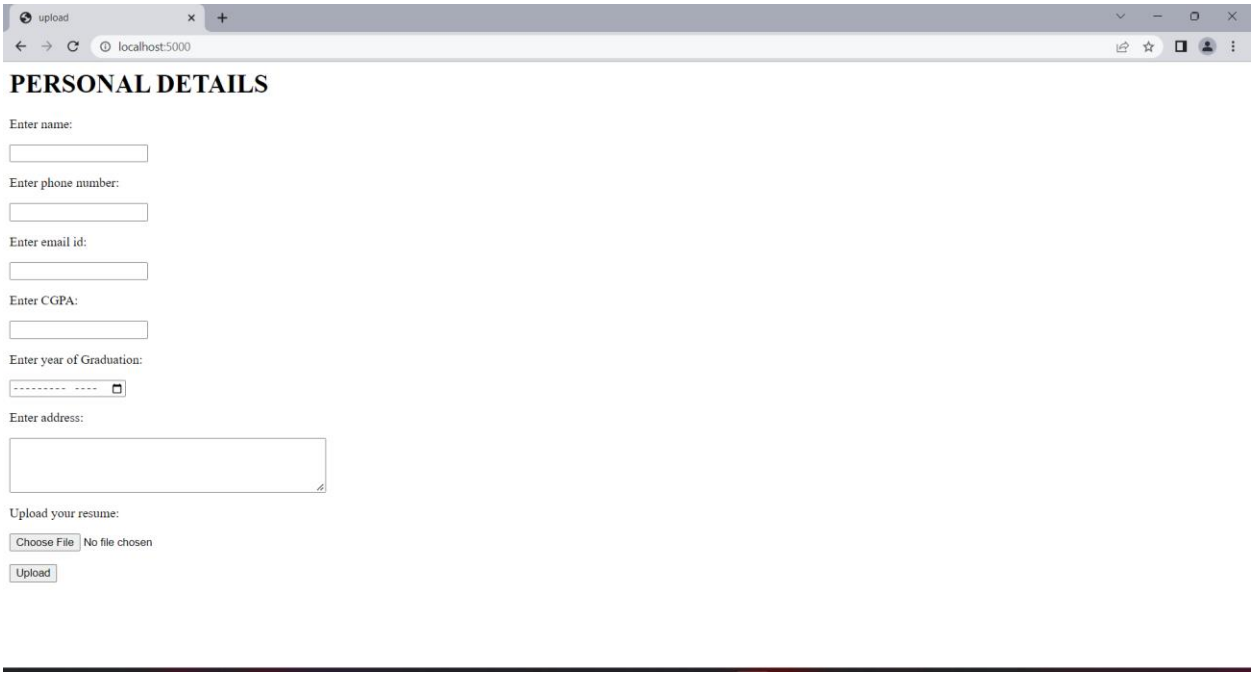
```
        <p><input type="email" name="email"/></p>
        <p>Enter CGPA:</p>
        <p><input type="number" name="cgpa"/></p>
        <p>Enter year of Graduation:</p>
        <p><input type="month" name="grad"/></p>
        <p>Enter address:</p>
        <p><textarea name="file" rows="4" cols="50"></textarea></p>
        <p> Upload your resume:</p>
        <input type="file" name="file" />
        <p><input type = "submit" value="Upload"></p>
    </form>
</body>
</html>
```

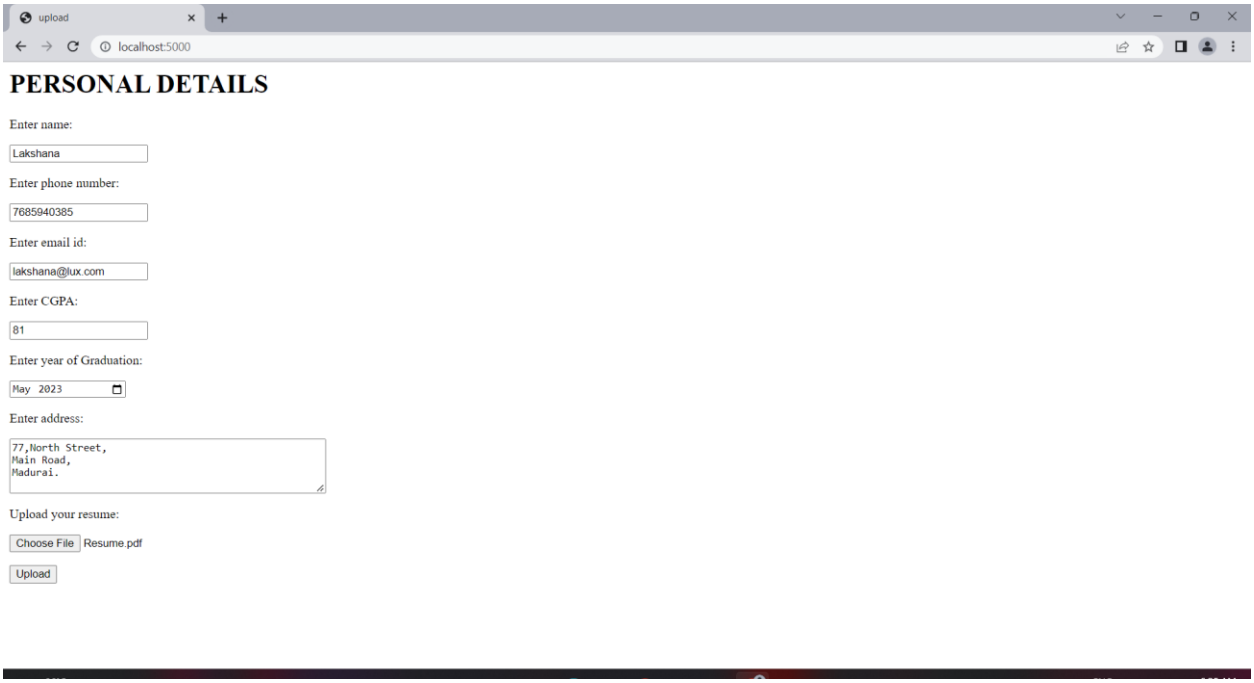
success.html

```
<html>
<head>
<title>success</title>
</head>
<body>
<p>File uploaded successfully</p>
<p>File Name: {{name}}</p>
</body>
</html>
```

Output Screenshot:






upload
localhost:5000
PERSONAL DETAILS
Enter name:
Lakshana
Enter phone number:
7685940385
Enter email id:
lakshana@lux.com
Enter CGPA:
81
Enter year of Graduation:
May 2023
Enter address:
77,North Street,
Main Road,
Madurai.
Upload your resume:
Choose File
Resume.pdf
Upload

success
localhost:5000/success
File uploaded successfully
File Name: Resume.pdf