ASSIGNMENT-2

Student Name	Roopa Shree V
Student Roll Number	310619106115
Maximum Marks	2 Marks

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

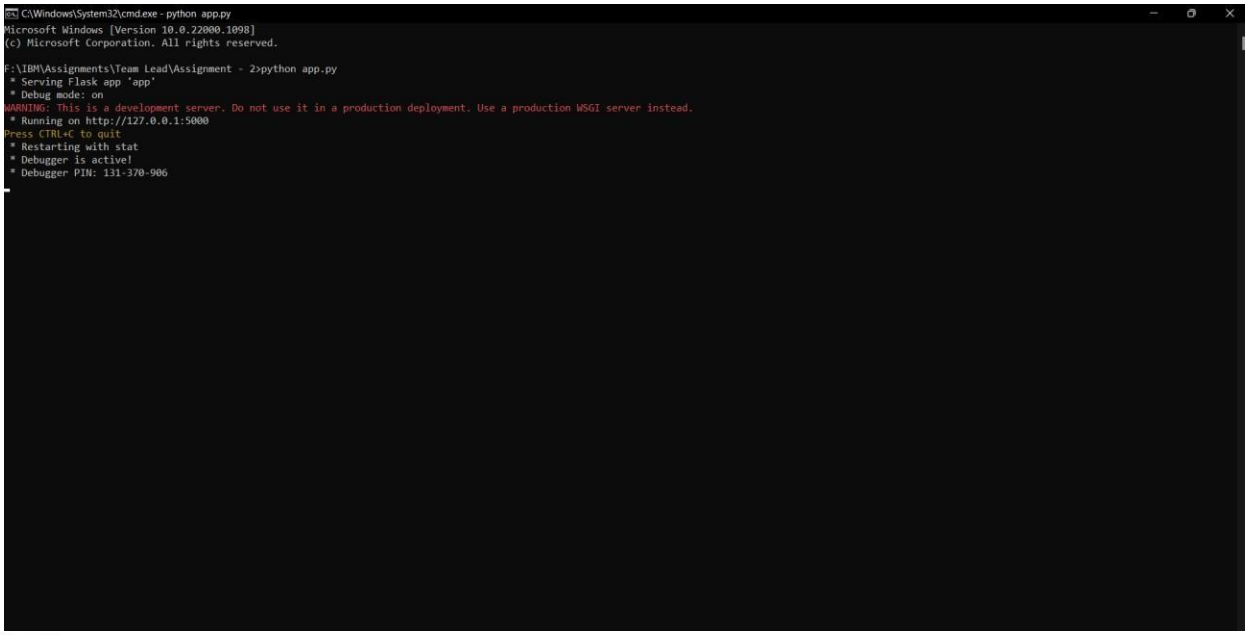
index.html

```
<!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 Screenshots:



Enter name:

Enter phone number:

Enter email id:

submit

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

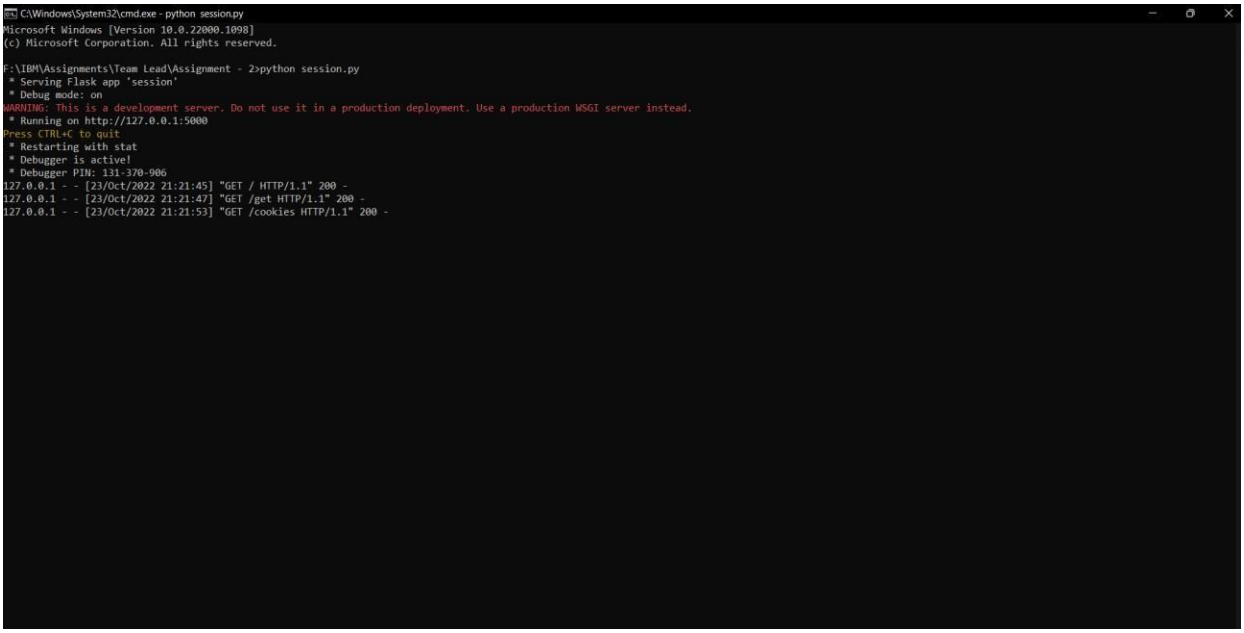
```
<html>
<head>
<title>getting the session</title>
</head>
<body>
<p>The session is set with value: <strong>{{name}}</strong></p>
</body>
</html>
```

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 Screenshots:



session variable is set, Get Variable

The session is set with value: **session#1**

cookie is set

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 Screenshots:

File uploaded successfully

File Name: Resume.pdf