ASSIGNMENT - 2

Assignment Date	25 September 2022
Student Name	Sri Vijaya Harini . R
Student Roll Number	820419205057
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

```python
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)
```
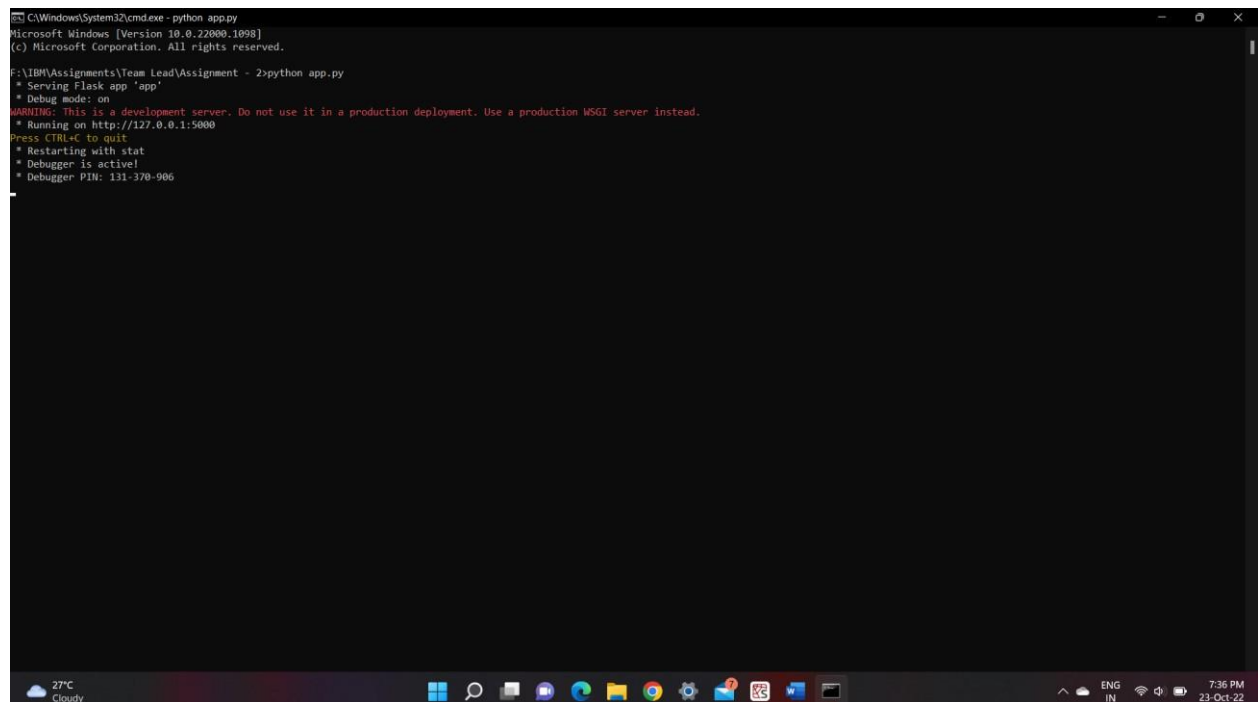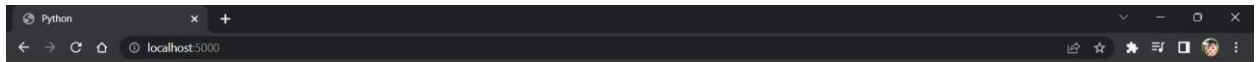
Output Screenshots:

Enter name:

Enter phone number:

Enter email id:

submit

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

session.py

```python
 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)
```
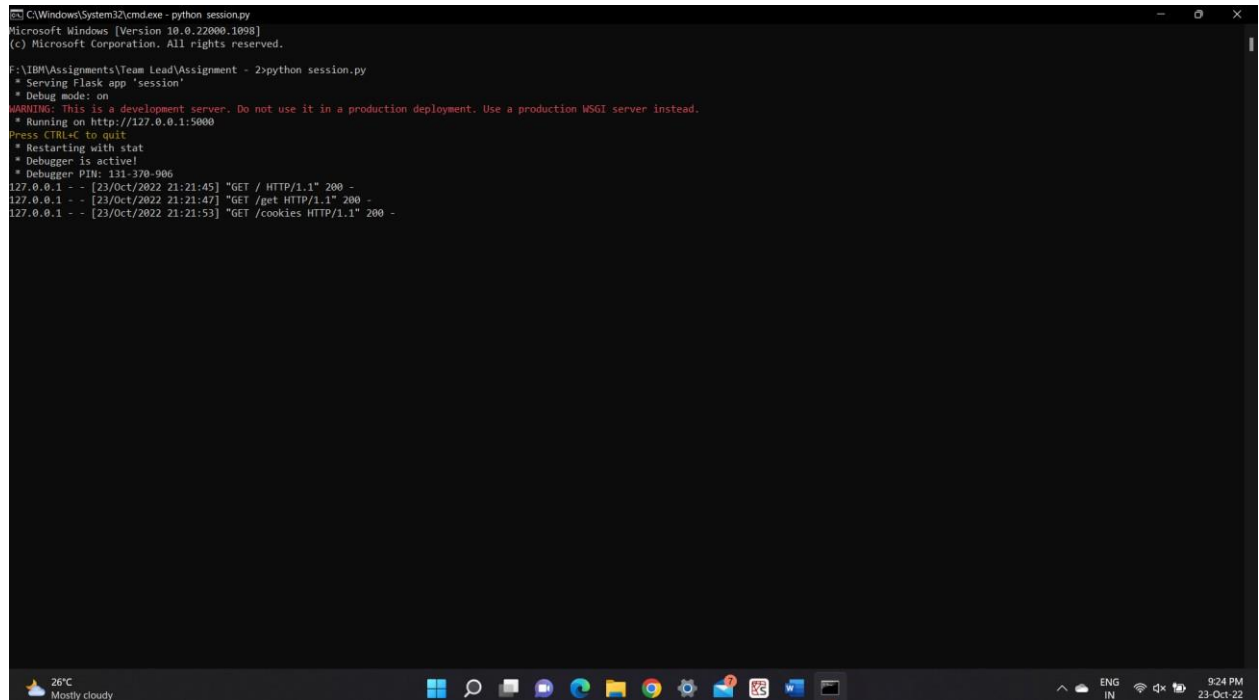
Output Screenshots:

session variable is set, [Get Variable](#)

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

cookie is set

26°C
Mostly cloudy   ENG IN   9:25 PM 23-Oct-22

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)

```python
if __name__ == '__main__':
app.run(debug = True)
```

upload.html

```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>
```
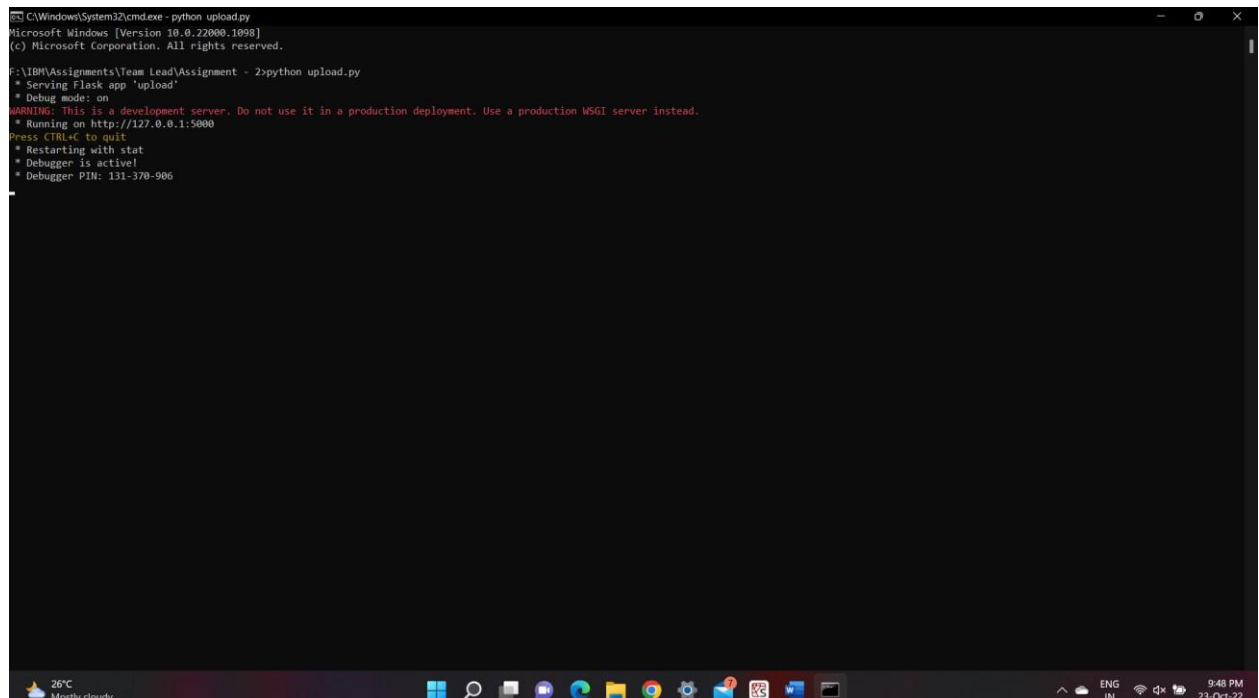
\</body\>

\</html\>

success.html

\<html\>

\<head\>

\<title\>success\</title\>

\</head\>

\<body\>

\<p\>File uploaded successfully\</p\>

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

\</body\>

\</html\>

Output Screenshots:

PERSONAL DETAILS

Enter name:

Enter phone number:

Enter email id:

Enter CGPA:

Enter year of Graduation:

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Enter address:

Upload your resume:

Choose File | No file chosen

Upload

PERSONAL DETAILS

Enter name:

Nithisha

Enter phone number:

1234567890

Enter email id:

nithi@nithi.com

Enter CGPA:

89

Enter year of Graduation:

May 2023

Enter address:

123, neru street,
Main road,
Madurai

Upload your resume:

Choose File | Resume.pdf

Upload

File uploaded successfully

File Name: Resume.pdf