

ASSIGNMENT-2

Assignment Date	26 September 2022
Student Name	Heinrich Stephan R
Student Roll Number	130719104032
Maximum Marks	2 Marks

1. Write a flask program which should display name,email,phone and hit show them when we hit submit

app.py:

```
from flask import
Flask,render_template,request app =
Flask(__name__) @app.route('/') def home():
    return render_template("index1.html")
@app.route('/login',methods=["POST"]) def login():    if
request.method == 'POST':        user = request.form['nm']
mobile = request.form['ph']        mail = request.form['em']
return render_template("index1.html",y = user,x=mail,z=mobile)
if
(__name__)== '__main__':
app.run(debug = True)
```

index1.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Python program</title>
</head>
<body>
    <form action="/login" method="POST">
        <p>Enter name:</p>
        <p><input type="text" name="nm"/></p>
        <p>Enter email:</p>
        <p><input type="email" name="em" /></p>
        <p>Enter phone number:</p>
        <p><input type="text" name="ph"/></p>
        <p><input type="submit" value="submit"/></p>
    </form>
<p>{{y}}</p>
```

```
<p>{{x}}</p>
<p>{{z}}</p>
</body>
</html>
```

Enter name:

Enter email:

Enter phone number:

submit

Heinrich Stephan R

heinrichstephanr@jerusalemengg.ac.in

9042851072

2. Write a flask program which should cover cookies and sessions

cookies.py:

```
from flask import *
app =
Flask(__name__)
@app.route('/cookie') def
cookie():
    res = make_response("<h1>cookie is set</h1>")
res.set_cookie('testing') return res
if __name__ ==
'__main__':
app.run(debug = True)
```

session.py:

```
from flask import *   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;

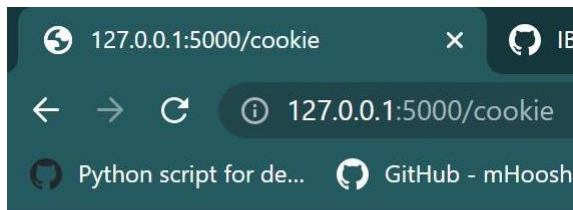
@app.route('/get')   def
getVariable():       if
'response' in session:
s = session['response'];

    return render_template('getsession.html',name = s)
    if __name__ ==
'__main__':
app.run(debug = True)
```

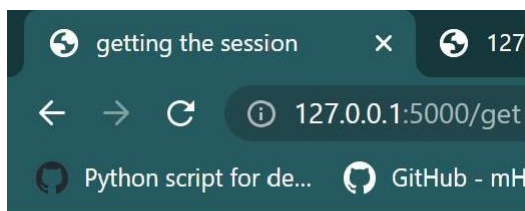
getsession.html:

```
<html>
<head>
<title>getting the session</title>
</head>
<body>
<p>Session Value: <b>{{name}}</b></p>
</body>
</html>
```

Output:



cookie is set



Session Value: **session#1**

3. Write a flask program which should display resume and also should have upload resume option.

resume.py:

```

from flask import Flask,render_template,request
from werkzeug.utils import secure_filename app
= Flask(__name__) @app.route('/') def home():
    return render_template("resume.html")
@app.route('/login',methods=["POST"]) def
login():    if request.method == 'POST':
user = request.form['nm']          agee =
request.form['age1']          qualification =
request.form['quali']          clgname =
request.form['clg']          paddress =
request.form['adres']          techskill =
request.form['skill']          soskill =
request.form['sskill']          mail =
request.form['mail']
    return render_template("resume.html",a =
user,b=agee,c=qualification,d=clgname,e=paddress,f=techskill,g=soskill,h=mail)
@app.route('/upload',methods=['GET','POST'])
def flask_upload():    if request.method
=='POST':          f=request.files['file']
    f.save(secure_filename(f.filename))
return 'Upload successssful' if
(__name__)=='__main__':    app.run(debug =
True)

```

resume.html:

```

<!DOCTYPE html>
<html lang="en">
<head>
<title>Resume</title>
</head>
<body>
    <h1>Resume</h1>
    <form action="/login" method="POST">
        <p> <b>Name:</b><input type="text" name="nm"/> </p>
        <p> <b>Age:</b><input type="number" name="age1" /> </p>
        <p> <b>Highest Qualification:</b><input type="text" name="quali"/> </p>
        <p> <b>College Name:</b><input type="text" name="clg" /></p>
        <p> <b>Permanent Address:</b><textarea type="text" name="adres">
</textarea></p>
        <p> <b>Technical Skills:</b><textarea type="text" name="skill"
></textarea></p>
        <p> <b>Soft Skills:</b><textarea type="text" name="sskill"
></textarea></p>

```

```
<p> <b>Email:</b><input type="email" name="mail" /></p>
<p> <b><input type="submit" value="submit"/></p>      </form>
<p>{{a}}</p>
<p>{{b}}</p>
<p>{{c}}</p>
<p>{{d}}</p>
<p>{{e}}</p>
<p>{{f}}</p>
<p>{{g}}</p>
<p>{{h}}</p>
<form action="/upload" method="post" enctype="multipart/form-data">
  <p>Upload Your Resume</p>
  <p><input type="file" name="file"></p>
  <input type="submit">
</form>
</form>
</body>
</html>
```

Output:

Resume

Name:

Age:

Highest Qualification:

College Name:

Permanent Address:

Technical Skills:

Soft Skills:

Email:

Heinrich Stephan R

21

HSC

Jerusalem College of Engineering

3/487, 1st street, Thiruvalluvar nagar, Jallladianpet, Medavakkam, Chennai-600100.

Java, C, HTML, CSS.

Hardworker, Creative thinker.

heinrichstephanr@jerusalemengg.ac.in

Upload Your Resume

No file chosen

Uploading resume:

Upload Your Resume

Choose File RESUME.pdf

Submit