

Assignment-2

Assignment Date	18-11-2022
Student Name	Antanin Ginista D
Student Roll Number	962219104018
Maximum Marks	2 Marks

Question-1

Write a flask program which should display Name, Email, phone and it should display the same details once we click submit

Solution:

app.html

```
<html>
  <head>
    <title>User Registration</title>
    <style>
      td {
        line-height: 2.1;
      }
    </style>
  </head>
  <body>
    <center>
      <form action="/login" method="post">
        <br/>
        <br />
        <h2>Assignment - 2</h2>
        <table>
          <tr>
            <td>
              <label for="uname"><b>Username:</b></label>
            </td>
            <td>
              <input type="text" name="uname" id="uname" />
            </td>
          </tr>
          <tr>
            <td>
              <label for="email"><b>Email:</b></label>
            </td>
            <td>
              <input type="email" name="email" id="email" />
            </td>
          </tr>
          <tr>
            <td>
```

```

        <label for="phone"><b>Phone number:</b></label>
    </td>
    <td>
        <input type="tel" id="phone" name="phone" pattern="[0-9]{10}"
/>

    </td>
    <td></td>
</tr>
<tr>
    <td colspan="2">
        <center>
            <br />
            <button type="submit">Submit</button>
        </center>
    </td>
</tr>
</table>
</form>
</center>
</body>
</html>

```

app1.html

```

<html>
  <head>
    <title>User Registration</title>
    <style>
      td {
        line-height: 2.1;
      }
    </style>
  </head>
  <body>
    <center>
      <form action="/login" method="post">
        <br />
        <br />
        <h2>Assignment - 2</h2>
        <table>
          <tr>
            <td>
              <label for="uname"><b>Username:</b></label>
            </td>
            <td>{{username}}</td>
          </tr>
          <tr>

```

```

        <td>
            <label for="email"><b>Email:</b></label>
        </td>
        <td>{{email}}</td>
    </tr>
    <tr>
        <td>
            <label for="phone"><b>Phone number:</b></label>
        </td>
        <td>{{phone}}</td>
    </tr>
    <tr>
        <td colspan="2">
            <center>
                <br />
                <input type="Submit" value="submit" />
            </center>
        </td>
    </tr>
</table>
</form>
</center>
</body>
</html>

```

app.py

```

from flask import Flask, render_template, request
app = Flask(__name__)

@app.route('/')
def home():
    return render_template('app.html')
@app.route('/login', methods=["POST"])
def login():
    if request.method=="POST":
        uname = request.form["uname"]
        email = request.form["email"]
        phone = request.form["phone"]
        return
    render_template("app1.html", username=uname, email=email, phone=phone)

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

```



Assignment - 2

Username:

Email:

Phone number:



Assignment - 2

Username: Antanin Ginista D

Email: antanin.101918@sxcoe.edu.in

Phone number: 7598049725

Question-2:

Write a flask program which should cover cookies, sessions.

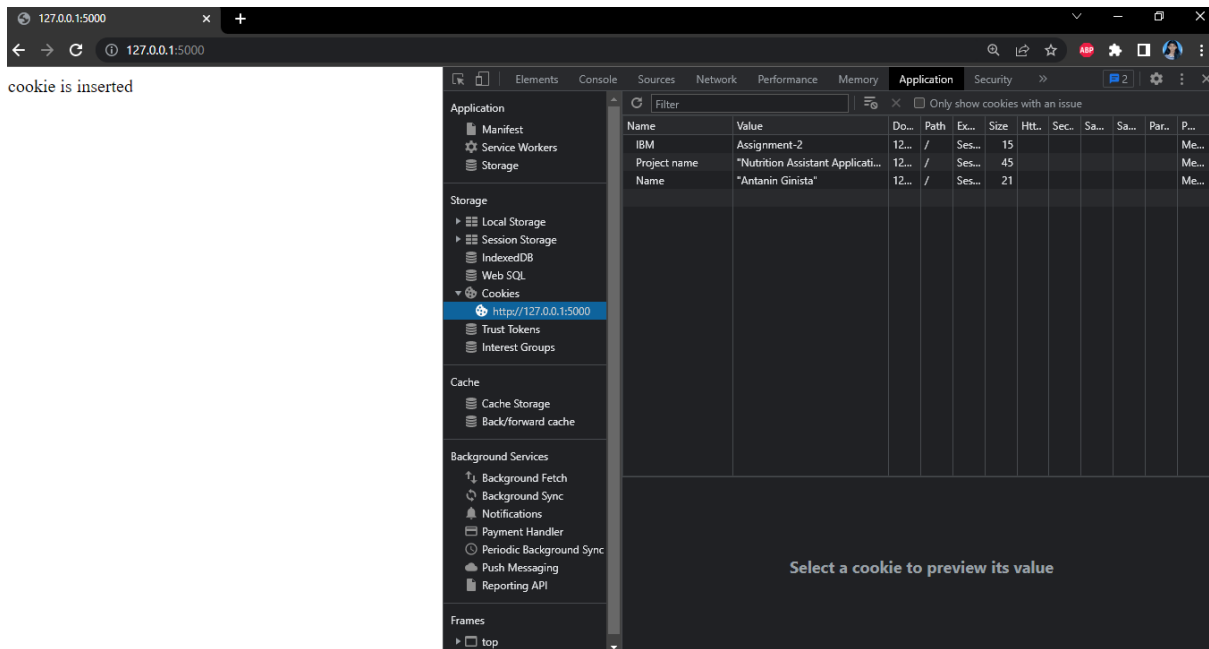
Solution:

Cookies.py

```
from flask import *
app = Flask(__name__)

@app.route('/')
def setcookie():
    res = make_response("cookie is inserted")
    res.set_cookie('Name','Antanin Ginista')
    res.set_cookie('IBM','Assignment-2')
    res.set_cookie('Project name','Nutrition Assistant Application')
    return res

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



Sessions.py

```
from flask import Flask, render_template, redirect, request, session
from flask_session import Session

app = Flask(__name__)
app.config["SESSION_PERMANENT"] = False
app.config["SESSION_TYPE"] = "filesystem"
Session(app)

@app.route("/")
def index():
    if not session.get("name"):
        return redirect("/login")
    return render_template('index.html')

@app.route("/login", methods=["POST", "GET"])
def login():
    if request.method == "POST":
        session["name"] = request.form.get("name")
        return redirect("/")
    return render_template("login.html")

@app.route("/logout")
def logout():
    session["name"] = None
    return redirect("/")
```

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

index.html

```
{% extends "layout.html" %}

{% block y %}

    {% if session.name %}
        You are Register {{ session.name }} <a href="/logout">logout</a>.
    {% else %}
        You are not Register. <a href="/login">login</a>.
    {% endif %}

{% endblock %}
```

login.html

```
{% extends "layout.html" %}

{% block y %}

    <h1> REGISTER </h1>

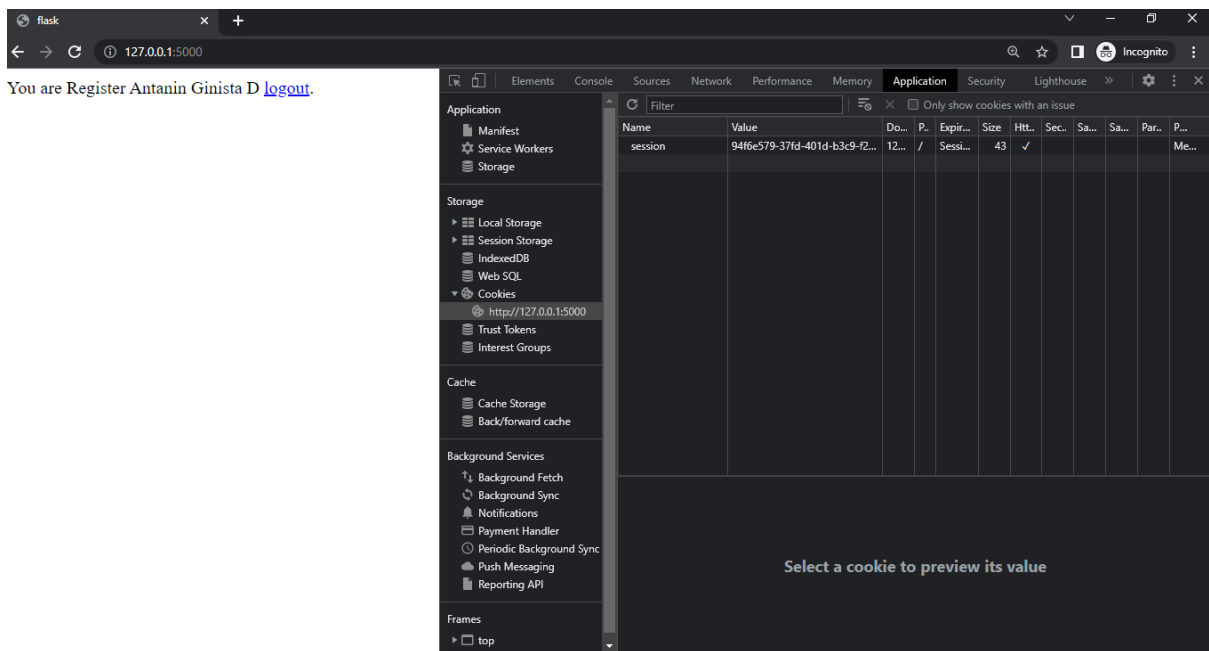
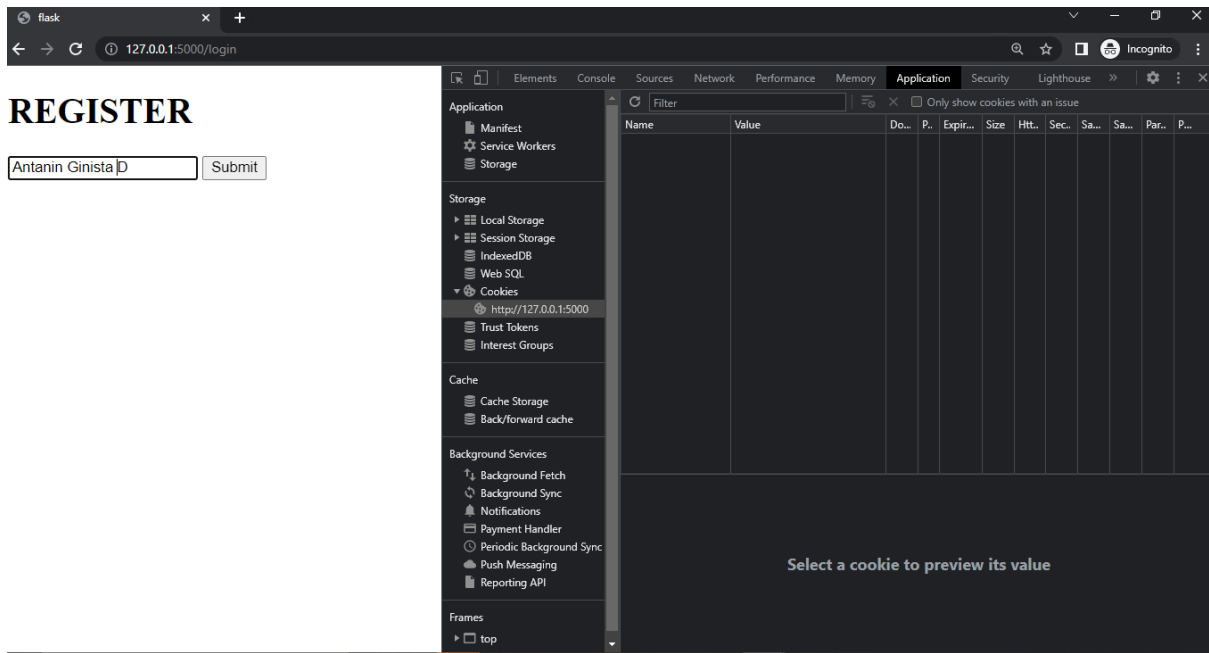
    <form action="/login" method="POST">
        <input placeholder="Name" autocomplete="off" type="text" name="name">
        <input type="submit" name="Register">
    </form>

{% endblock %}
```

layout.html

```
<!DOCTYPE html>

<html lang="en">
    <head>
        <meta name="viewport" content="initial-scale=1, width=device-width">
        <title> flask </title>
    </head>
    <body>
        {% block y %}{% endblock %}
    </body>
</html>
```



Question-3:

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

resume.html

```
<!DOCTYPE html>
<html>
<head>
<title>Assignment 2</title>
<style>
```

```

tr {
line-height: 2.1;
}
</style>
</head>
<body>
<center>
<h3>ASSIGNMENT 2<br><br>FILE UPLOAD - RESUME</h3>
<div>
<form action = "/upload" method="POST" enctype="multipart/form-data">
<b><label>Upload the Resume</label><br><br></b>
<input type = "file" name = "file"/>
<input type = "submit" value = "Save"/>
</div>
<div>
<form action = "/upload" method = "post">
<table>
<tr><th></th><th></th></tr>
<tr><td><label> Name : </label></td>
<td><input type="text" name="name" placeholder="Enter Name" required
></td></tr>
<td><label> Date of Birth : </label></td>
<td><input type="date" name="dob" placeholder="Enter DOB" required></td></tr>
<tr><td><label> Email : </label></td>
<td><input type="text" name="email" placeholder="Enter Email"
required></td></tr>
<tr><td><label> College Name :&nbsp;&nbsp;&nbsp;</label></td> <td><input
type="text" name="clg" placeholder="Enter College Name" required></td></tr>
<tr>
<td><label>Qualification</label></td>
<td><select id="qua" name="deg">
<option value="none" selected disabled hidden>Select the
Degree</option>
<option value="B.E">B.E</option>
<option value="B.Tech">B.Tech</option>
<option value="B.Sc">B.Sc</option>
<option value="B.A">B.A</option></select></td></tr>
<td><label> CGPA in %: </label></td>
<td><input type="number" length="2" name="cgpa" placeholder="Enter
CGPA" required></td></tr>
<td><label> Year : </label></td>
<td><input type="date" name="year" placeholder="Year of Completion"
required></td></tr>
<tr>
<td><label>Language</label></td>
<td><select id="lan" name="lan">
<option value="none" selected disabled hidden>Select the Skill</option>
<option value="Python">Python</option>

```



```

<option value="C/ C++">C/ C++</option>
<option value="Javascript">Javascript</option>
<option value="HTML & CSS">HTML & CSS</option>
<option value="Java">Java</option>
</select></td></tr>
<tr><td colspan=2><center>
<input type="submit" name="submit"></center></td></tr>
</form></div>
</table>
</center>
</body> </html>

```

displayResume.html

```

<!DOCTYPE html>
<html>
<head>
<title>Assignment 2</title>
<style>
tr {
line-height: 2.1;
}
</style>
</head>
<body>
<center>
<h3> RESUME</h3>
<table>
<tr><td>Name</td> <td><b>{{a}}</b></td></tr>
<tr><td>Date of Birth</td> <td><b>{{b}}</b></td></tr>
<tr><td>Email</td> <td><b>{{c}}</b></td></tr>
<tr><td>College Name &emsp;&emsp;&emsp;</td>
<td><b>{{d}}</b></td></tr>
<tr><td>Qualification</td> <td><b>{{e}}</b></td></tr> <tr><td>CGPA in %</td>
<td><b>{{f}}</b></td></tr>
<tr><td>Year</td> <td><b>{{g}}</b></td></tr>
<tr><td>Language</td> <td><b>{{h}}</b></td></tr>
<tr><td>Resume</td> <td><b>{{y}}</b></td></tr>
</center>
</body> </html>

```

fileUpload.py

```

from flask import Flask,render_template,request
from werkzeug.utils import secure_filename
app = Flask(__name__)
@app.route('/')
def file():

```

```

        return render_template('resume.html')

@app.route('/upload', methods=['GET', 'POST'])
def flk_up():
    if request.method == 'POST':
        fl = request.files['file']
        fl.save(secure_filename(fl.filename))
        a = request.form.get('name')
        b = request.form.get('dob')
        c = request.form.get('email')
        d = request.form.get('clg')
        e = request.form.get('deg')
        f = request.form.get('cgpa')
        g = request.form.get('year')
        h = request.form.get('lan')
        return
    render_template("displayResume.html", a=a, b=b, c=c, d=d, e=e, f=f, g=g, h=h, y=fl.filename)
if __name__ == '__main__':
    app.run(debug = True)

```



ASSIGNMENT 2

FILE UPLOAD - RESUME

Upload the Resume

Name :

Date of Birth :

Email :

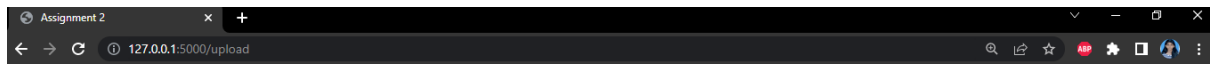
College Name :

Qualification :

CGPA in %:

Year :

Language :



RESUME

Name	Antanin Ginista D
Date of Birth	2001-09-24
Email	antanin.101918@sxcce.edu.in
College Name	St.Xavier's Catholic College Of Engineering
Qualification	B.E
CGPA in %	8
Year	2023-05-15
Language	Java
Resume	Ginista_Resume_I.pdf