

ASSIGNMENT 2

Assignment Date	14 th September 2022
Student Name	Laxmi Narayana Sagar M
Student Roll Number	950819104026
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.

Solution

display.py

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

@app.route('/')
def home():
    return render_template('details.html')

@app.route('/display',methods=['POST'])
def display():
    name = request.form['name']
    email = request.form['email']
    phone = request.form['phone']
    str = "Name : "+name+"<br>Email : "+email+"<br>Phone : "+phone
    return str

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

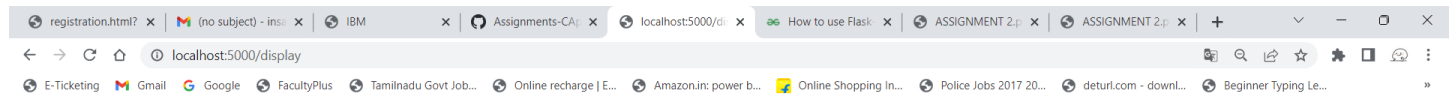
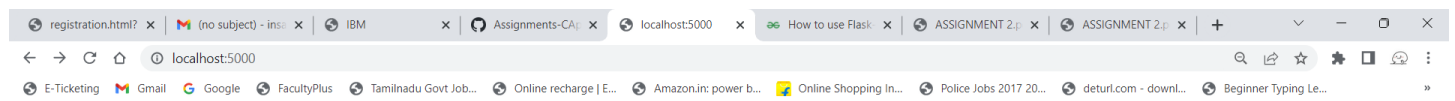
templates/details.html

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <style>
      body{
        display:flex;
        justify-content:center;
        align-items:center;
        flex-direction:column;
      }
      form{
        display:flex;
        flex-direction:column;
        justify-content:center;
        align-items:center;
```

```
        padding:20px;
        border:1px solid black;
    }
    header{
        font-size:30px;
        padding:10px;
    }
</style>
</head>
<body>

    <form action="/display" method="POST">
        <header>Details<hr></header>
        <div>
            <label>Name : </label><br><br>
            <input name="name" id="name" type="text" />
        </div><br>
        <div>
            <label>Email ID :</label><br><br>
            <input name="email" id="email" type="text" />
        </div><br>
        <div>
            <label>Phone Number : </label><br><br>
            <input name="phone" id="phone" type="text" />
        </div><br>
        <input type="submit" value="Submit"/>
    </form>
</body>
</html>
```

Output:



Name : Laxmi Narayana Sagar M
Email : sagaranish15@gmail.com
Phone : 7598228504



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

Solution:

Cookies

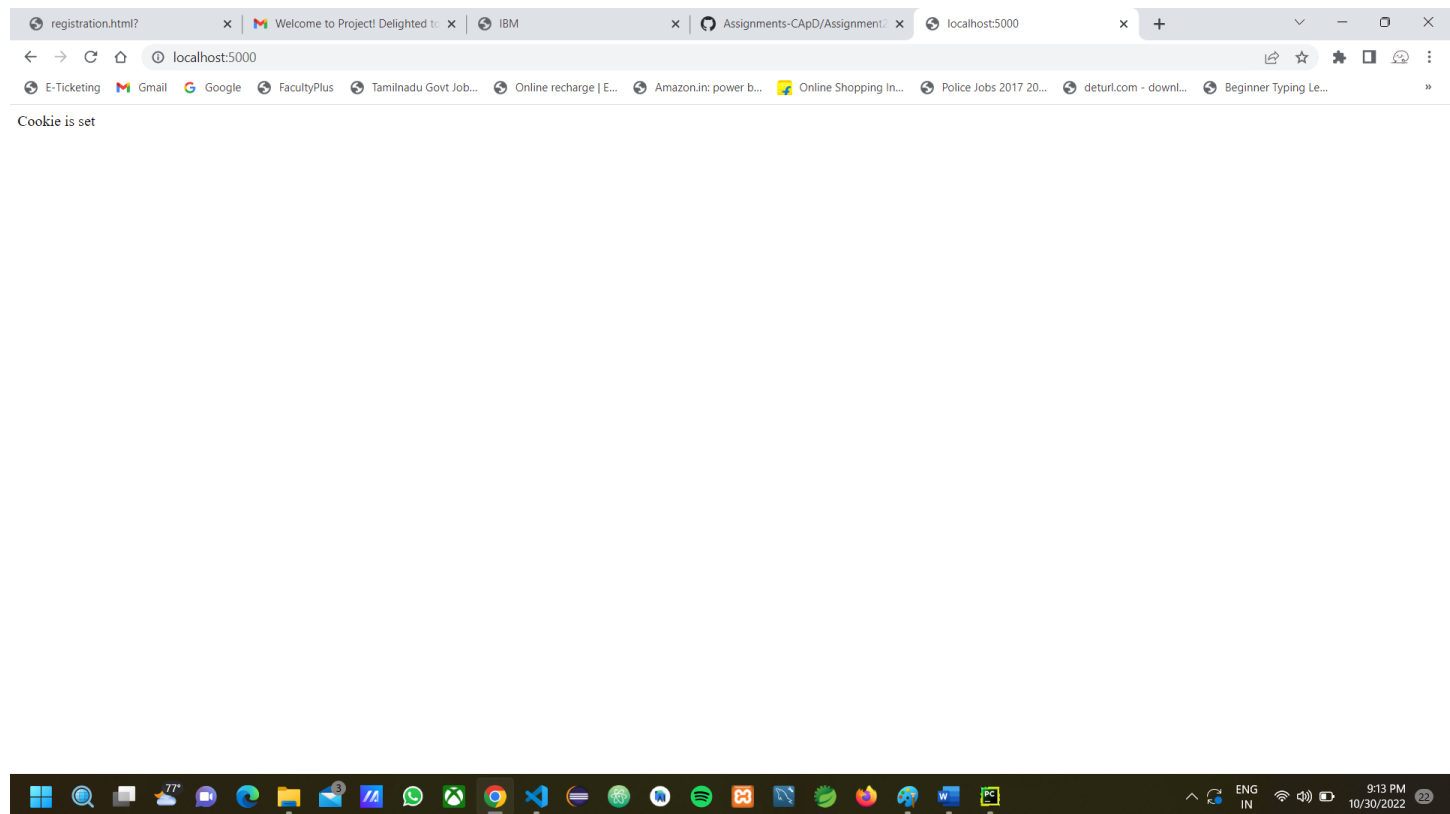
cookies.py

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

@app.route('/')
def setCookie():
    res = make_response("Cookie is set")
    res.set_cookie('Flask','Framework')
    return res

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

Output:



Session

session.py

```
from flask import Flask, render_template, redirect, request, session
# The Session instance is not used for direct access, you should always use flask.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)
```

templates/index.html

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
  </head>
  <body>
    <div>You are registered {{session.name}}</div><a href="/logout" >logout</a>

  </body>
</html>
```

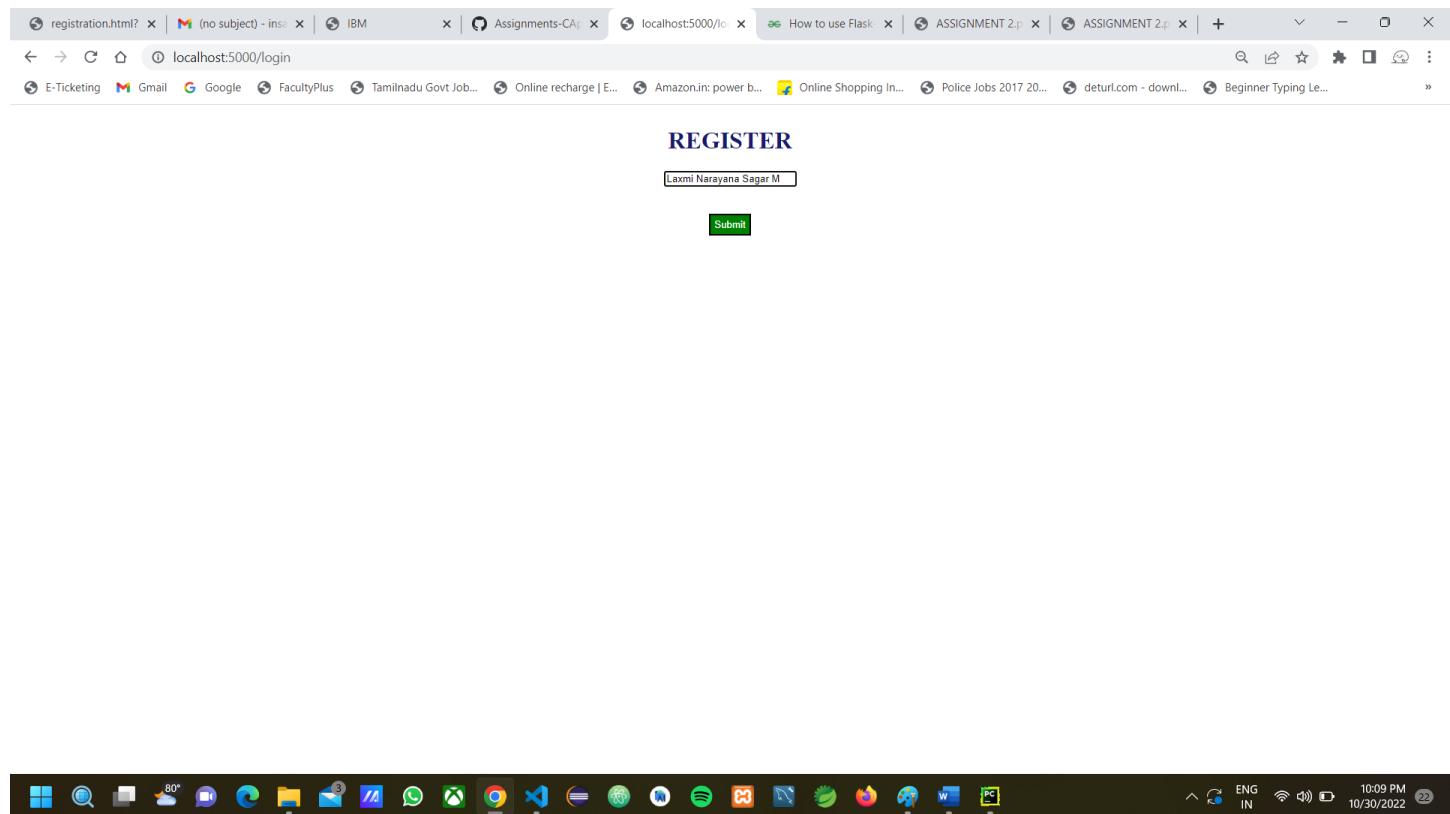
templates/login.html

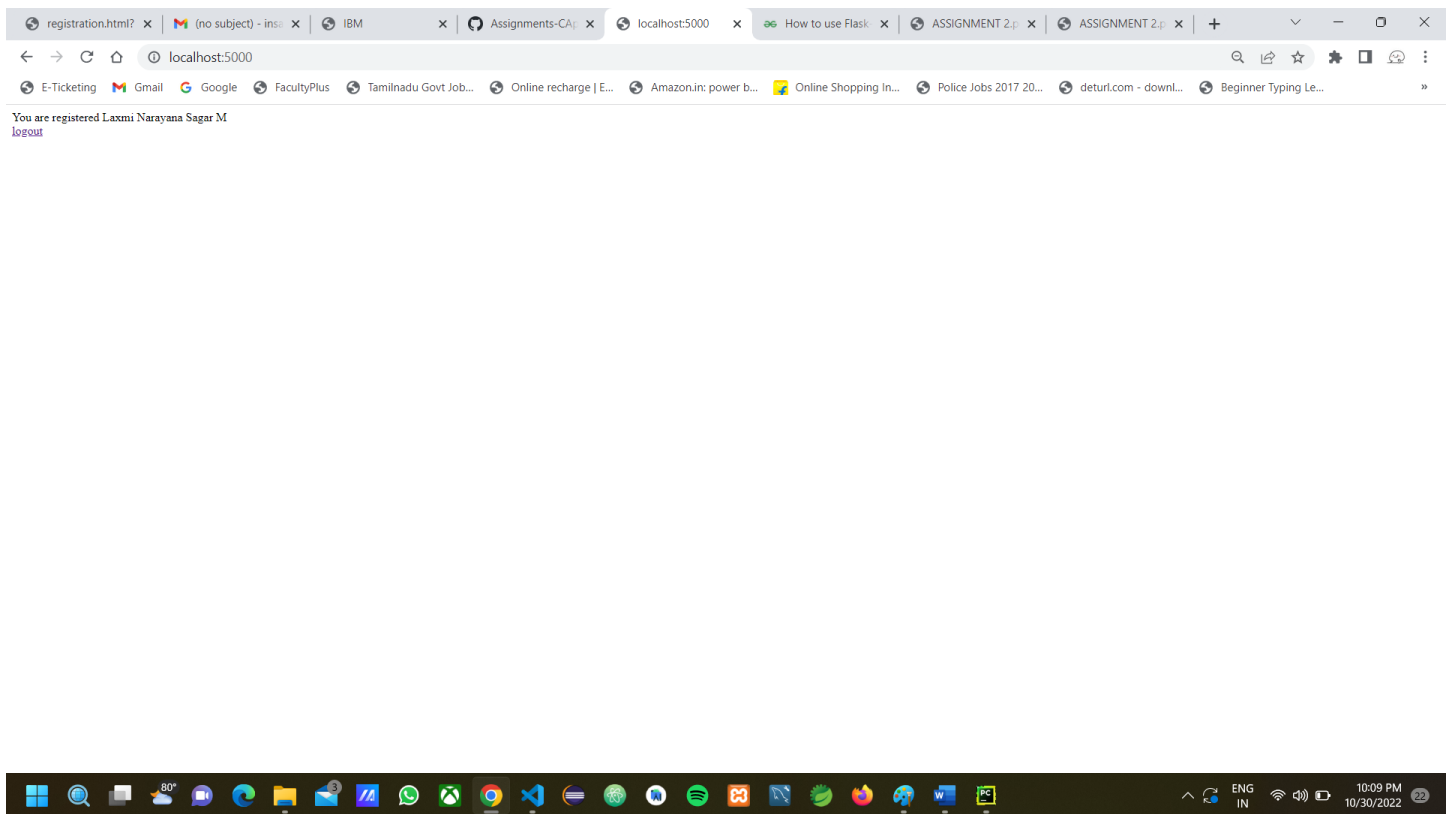
```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
  </head>
  <body>
    <h1> REGISTER </h1>

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

  </body>
</html>
```

Output:





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

Solution:

resume.py

```
from flask import Flask,request,render_template
from werkzeug.utils import secure_filename
app = Flask(__name__)

@app.route('/')
def home():
    return render_template('resume.html')

@app.route('/upload',methods=['POST'])
def fileUpload():
    f = request.files['file']
    f.save(secure_filename(f.filename))
    return "File Uploaded Successfully"

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

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <style>
      body{
        font-family:Helvetica;
        display:flex;
        justify-content:center;
        align-items:center;
        flex-direction:column;
      }
      .resume{
        padding:10px;
        width:800px;
        border:3px solid black;
      }
      div{
        text-align:justify;
      }
      div,a,li{
        padding:5px;
      }
      .header{
        text-align:center;
      }
      .right{
        margin-left:20px;
      }
      .file{
        padding:10px;
        margin:10px;
      }
      .submit{
        text-align:center;
      }
    </style>
  </head>
  <body>
    <form method="POST" action="/upload" enctype="multipart/form-data">
      <label ><b>Upload Resume : </b></label>
      <input class="file" name="file" type="file" value="Upload" /><br>
      <div class="submit">
        <input class="file" type="submit" value="Upload">
      </div>
    </form>
    <form class="resume">
      <div class="header">
        <h1>Laxmi Narayana Sagar </h1><hr>
```



```
<div><b>Address :</b>Palayamkottai, Tirunelveli</div>
<div><b>Phone :</b>9360353228 </div>
<div><b>Email :</b>sagaranish15@gmail.com</div>
</div>
<div>
  <h2>Summary</h2>
  <div class="right">Optimistic person and a self learner with good
    Communication skills, Persistent problem solver, Eager to
    contribute to teams success through dedication and hard
    work
  </div>
</div>
<div>
  <h2>Education</h2>
  <div class="right">
    <h3>Government College of Engineering, Tirunelveli</h3>
    <div>Bachelor of Engineering - BE, Computer Science</div>
    <div>2019 - 2023</div>
    <h3>CGPA : 8</h3>
  </div>
  <div class="right">
    <h3>Magdalene Matric Higher Secondary School</h3>
    <div>HSC, Maths Biology</div>
    <div>Jun 2017 - Mar 2019</div>
    <h3>Percentage : 88%</h3>
  </div>
</div>
<div>
  <h2>Internship</h2>
  <ul>
    <li>Web developer trainee- Icanio Technologies, Tirunelveli</li>
  </ul>
</div>
<div>
  <h2>Skills</h2>
  <ul>
    <li>Node.js</li>
    <li>C</li>
    <li>leadership</li>
    <li>Mongodb</li>
    <li>Active Listener</li>
  </ul>
</div>
<div>
  <h2>Projects</h2>
  <div class="right">
    SPORTS APPLICATION - An Angular Application is developed to
    view status of current and upcoming
    matches and can also view the Match
```

```

        highlights and Sport news
    </div>

</div>
<div>
    <h2>Extra-curricular activities</h2>
    <ul>
        <li>Photography</li>
        <li>Story Writing</li>
        <li>Video Editing</li>
        <li>Cricket</li>
        <li>Soft Ball</li>
    </ul>
</div>
</form>

</body>
</html>

```

Output:

registration.html? x | (no subject) - ins... x | IBM x | Assignments-CA... x | localhost:5000 x | How to use Flask x | ASSIGNMENT 2... x | ASSIGNMENT 2... x | +

localhost:5000

E-Ticketing | Gmail | Google | FacultyPlus | Tamilnadu Govt Job... | Online recharge | E... | Amazon.in: power b... | Online Shopping In... | Police Jobs 2017 20... | deturl.com - downl... | Beginner Typing Le...

Upload Resume : No file chosen

Laxmi Narayana Sagar

Address : Palayamkottai, Tirunelveli
Phone : 9360353228
Email : saganarish15@gmail.com

Summary

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Education

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Magdalene Matric Higher Secondary School

HSC, Maths Biology
 Jun 2017 - Mar 2019

Percentage : 88%

10:10 PM 10/30/2022

