IBM ASSIGNMENT 2

Team ID	**Team ID: PNT2022PMID49593**
Project Name	**Project – PLASMA DONOR APPLICATION**
Name	**S.Nanthini**
Roll No	**950019194031**

1.Create registration page in html with username, email and phone number and by using POST method display it in the next html page.

app.py :

```
from flask import Flask, render_template, request, redirect
app = Flask(_name_)
@app.route('/')
def home():
  return 'Welcome! <a href="/login">Register here</a>'

@app.route('/login', methods=['POST', 'GET'])
def login():
  if request.method == 'POST':
    userName = request.form['userName']
    userEmail = request.form['userEmail']
    userPassword = request.form['userPassword']
    return redirect('/')
  return render_template("form.html")

if _name=='main_':
    app.run(debug=True)
```

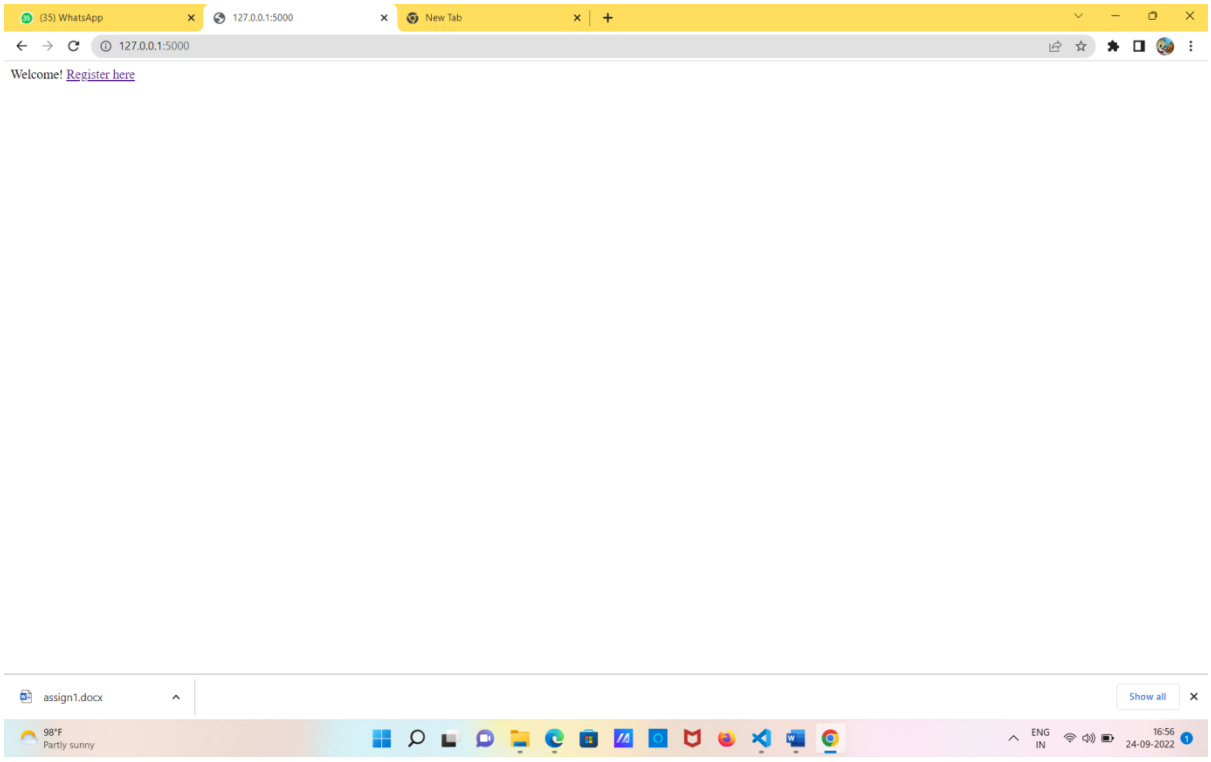
form.html :

```
<form method="POST">

<div class="form-inline">
<div class="form-group">
<input type="text" class="line-input" name="userName" placeholder="Username">
</div>
<div class="form-inline">
<div class="form-group">
<input type="email" class="line-input" name="userEmail" placeholder="Email">
</div>
<div class="form-group">
<input type="password" class="line-input" name="userPassword" placeholder="Password">
</div>
</div>
<div class=" form-group">
<button type="submit" class="btn btn-light text-primary btn-block" style="margin : 20px 20px -10px 0px">Register</button>
</div>

</form>
```

OUTPUT:


(35) WhatsApp
127.0.0.1:5000
New Tab
127.0.0.1:5000
Welcome! Register here
assign1.docx
Show all
98°F
Partly sunny
ENG
IN
16:56
24-09-2022

2.Develop a flask program which should contain atleast 5 packages used from pypi.org

PACKAGES:

```
import camelcase
from jinja2 import Template
import requests
from flask import Flask
import numpy as np

#numpy
arr = np.array([1, 2, 3, 4, 5])
print("       NUMPY          ")
print(arr)
print(type(arr))
print("\n")


#requests
r = requests.get('https://api.spotify.com/')
r.status_code
print("         REQUESTS      ")
print(r.headers)
```

```
print("\n")

#jinja2
template = """hostname {{ hostname }}"""
data = {"hostname": "nanthini"}
j2_template = Template(template)
print("      JINJA2           ")
print(j2_template.render(data))
print("\n")

#camelcase
c = camelcase.CamelCase()
txt = "im a good girl"
print("       CAMELCASE        ")
print(c.hump(txt))
print("\n")
```

OUTPUT: