

## IBM ASSIGNMENT 2

<b>Team ID</b>	<b>Team ID: PNT2022PMID49593</b>
<b>Project Name</b>	<b>Project – PLASMA DONOR APPLICATION</b>
<b>Name</b>	<b>S.Nanthini</b>
<b>Roll No</b>	<b>950019194031</b>

**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 :**

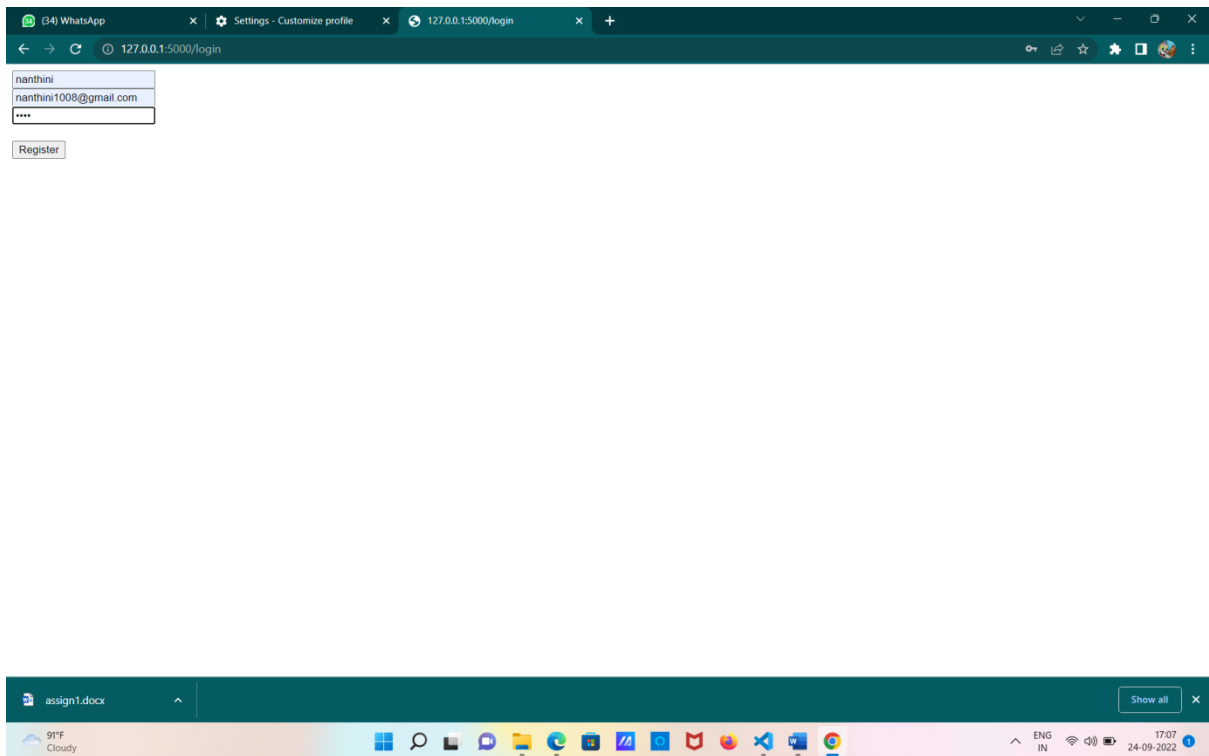
```
<form method="POST">

<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:**





**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:

```

D:\> packages.py > txt
1 import camelcase
2 from jinja2 import Template
3 import requests
4 from flask import Flask
5 import numpy as np
6
7 #numpy
8
9 [1 2 3 4 5]
10 <class 'numpy.ndarray'>
11
12 REQUESTS
13 {'Connection': 'keep-alive', 'Content-Length': '23195', 'Last-Modified': 'Mon, 19 Sep 2022 22:09:42 GMT', 'ETag': '"fc6d8f2f9c64a2e6ab120afabd538844"', 'x-goog-generation': '1663625382646033', 'x-goog-metageneration': '1', 'x-goog-stored-content-encoding': 'identity', 'x-goog-stored-content-length': '105319', 'x-amz-meta-goog-reserved-file-mtime': '1663625339', 'Content-Type': 'text/html', 'Content-Encoding': 'gzip', 'Accept-Ranges': 'bytes', 'Date': 'Sun, 25 Sep 2022 07:11:55 GMT', 'Age': '105106', 'X-Served-By': 'cache-chi-kigg8000022-CHI, cache-maa10243-MAA', 'X-Cache': 'HIT, HIT', 'X-Cache-Hits': '1, 574804', 'Access-Control-Allow-Origin': '*', 'Cache-Control': 'public, max-age=86400'}
14
15 JINJA2
16 hostname nanthini
17
18 CAMELCASE
19 Im a Good Girl
20
21 [Done] exited with code=0 in 2.191 seconds

```

