IBM ASSIGNMENT 2

Team ID	**Team ID: PNT2022PMID49593**
Project Name	**Project – PLASMA DONOR APPLICATION**
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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)
```

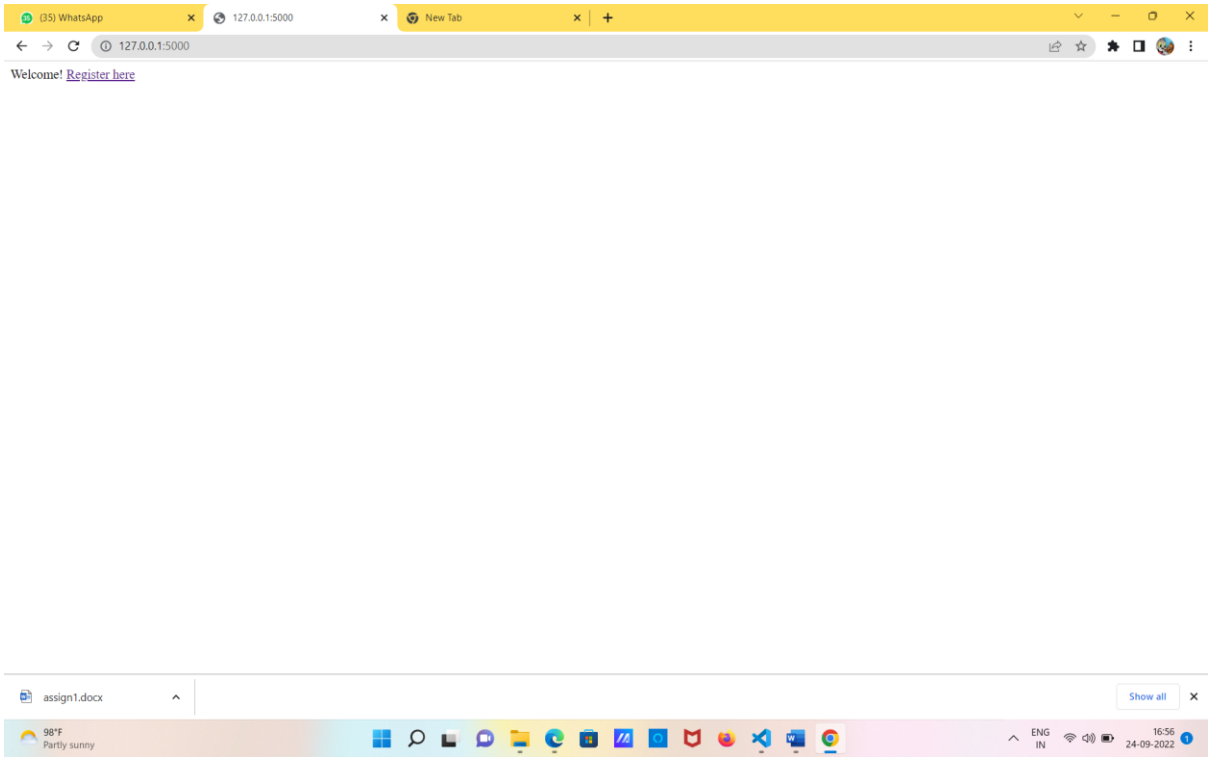
form.html :

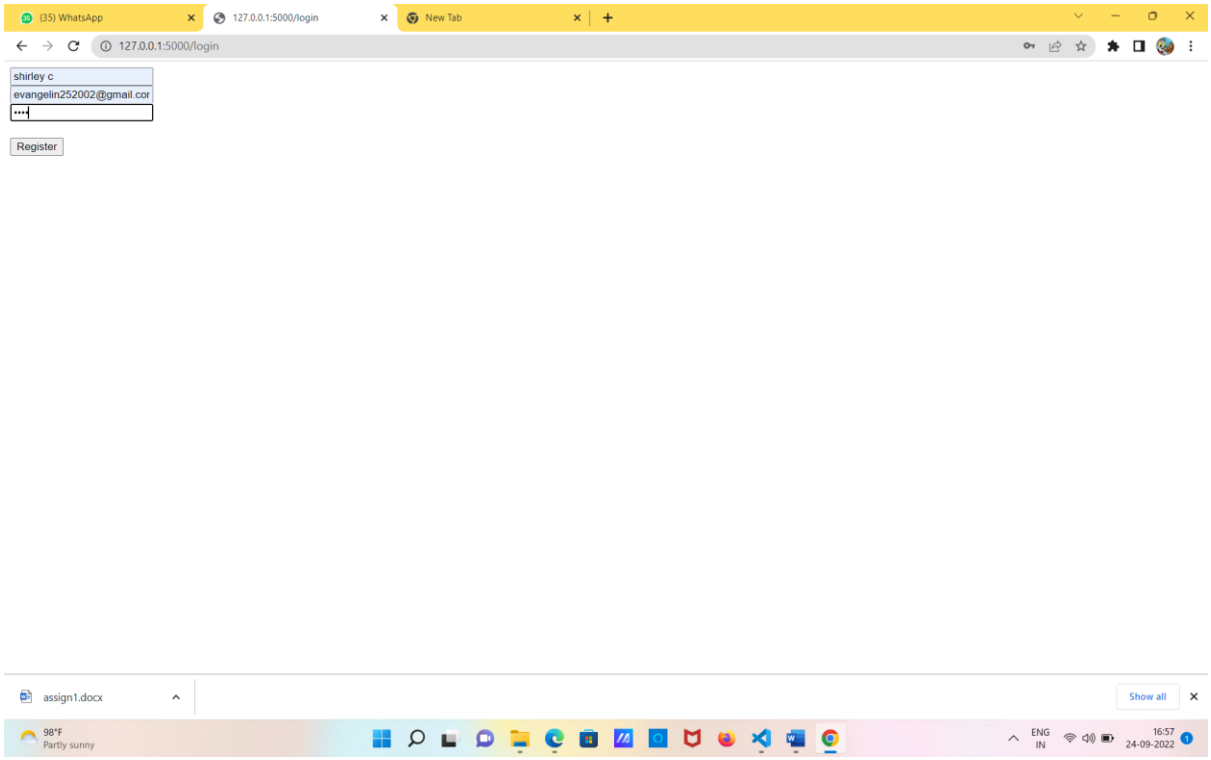
```
<form method="POST">

   <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 click

from jinja2 import Template

import camelcase

import numpy as np

import requests

CLICK

```
@click.command()
@click.argument('name', default='EVANGELIN AROCKIYA SHIRLEY C')
def hello(name):
    click.echo(f'Hello {name}')



if __name__ == '__main__':
    hello()
```

JINJA2:

```
name = input("Enter your name: ")

tm = Template("Hello {{ name }}")
msg = tm.render(name=name)

print(msg)
```

CAMELCASE:

```
c = camelcase.CamelCase()
txt = "hi buddyy , wanna hangout?"
print("       CAMELCASE       ")
print(c.hump(txt))
```

```
print("\n")
```

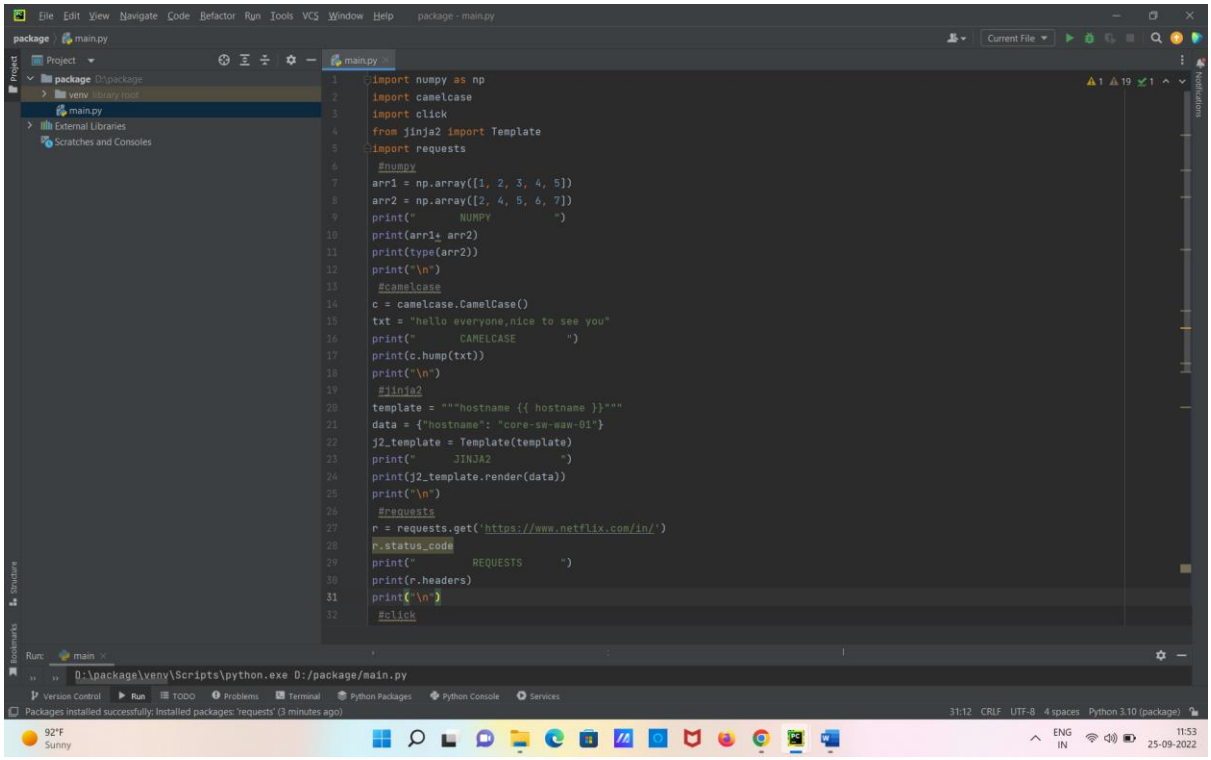
#NUMPY:

```
arr1 = np.array([1, 2, 3, 4, 5])
arr2 = np.array([2, 4, 5, 6, 7])
print("      NUMPY        ")
print(arr1+ arr2)
print(type(arr2))
print("\n")
```

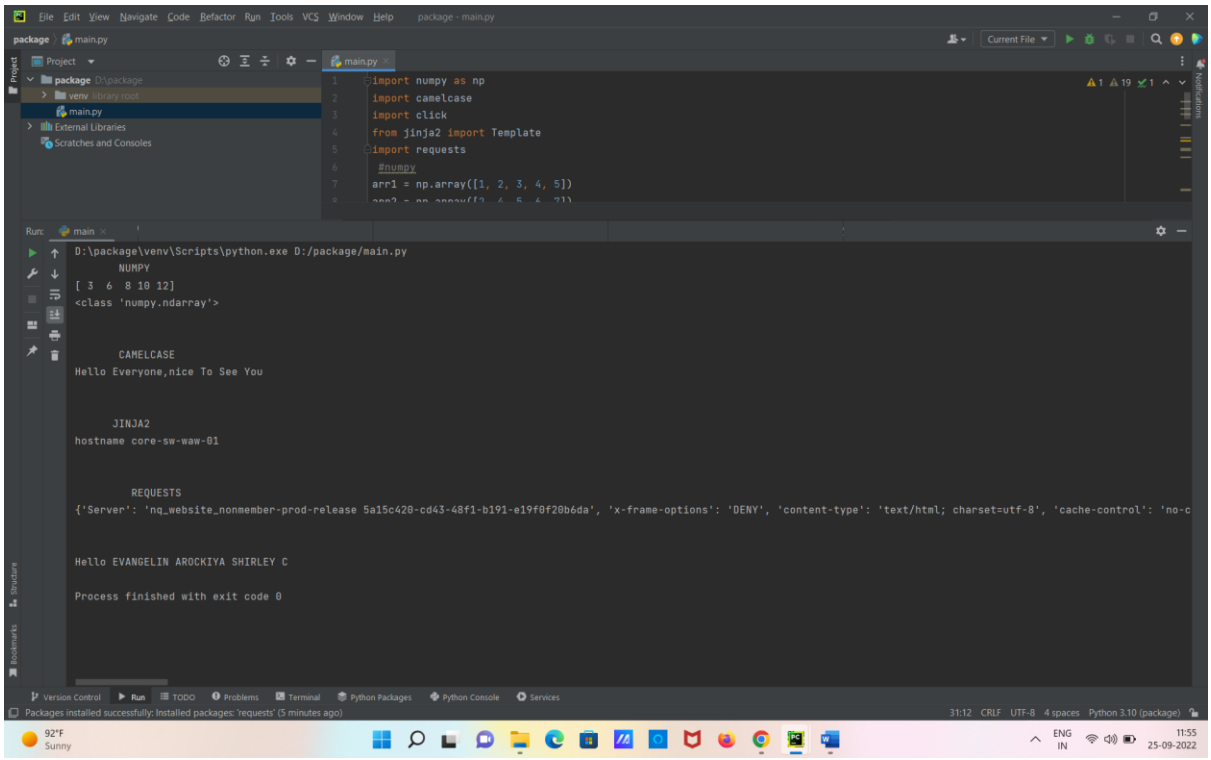
#REQUEST:

```
r = requests.get('https://www.netflix.com/in/')
r.status_code
print("       REQUESTS     ")
print(r.headers)
print("\n")
```

CODE:


import numpy as np
import camelcase
import click
from jinja2 import Template
import requests
#numpy
arr1 = np.array([1, 2, 3, 4, 5])
arr2 = np.array([2, 4, 5, 6, 7])
print(" NUMPY ")
print(arr1+ arr2)
print(type(arr2))
print("\n")
#camelcase
c = camelcase.CamelCase()
txt = "hello everyone,nice to see you"
print(" CAMELCASE ")
print(c.hump(txt))
print("\n")
#jinja2
template = """hostname {{ hostname }}"""
data = {"hostname": "core-sw-waw-01"}
j2_template = Template(template)
print(" JINJA2 ")
print(j2_template.render(data))
print("\n")
#requests
r = requests.get('https://www.netflix.com/in/')
r.status_code
print(" REQUESTS ")
print(r.headers)
print('\n')
#click
D:\package\venv\Scripts\python.exe D:/package/main.py

OUTPUT:


D:\package\venv\Scripts\python.exe D:/package/main.py
NUMPY
[3 6 8 10 12]
<class 'numpy.ndarray'>
CAMELCASE
Hello Everyone,nice To See You
JINJA2
hostname core-sw-waw-01
REQUESTS
{'Server': 'nq_website_nonmember-prod-release 5a15c420-cd43-48f1-b191-e19f0f20b6da', 'x-frame-options': 'DENY', 'content-type': 'text/html; charset=utf-8', 'cache-control': 'no-c
Hello EVANGELIN AROCKIYA SHIRLEY C
Process finished with exit code 0