ASSIGNMENT-2

Date	25/09/2022
Team ID	PNT202022TMID49558
Project Name	Plasma Donor Application
Team Member Name	Karpagam. B

1. Create registration page in html with username, email and phone number and by using POST method display it in next html page.
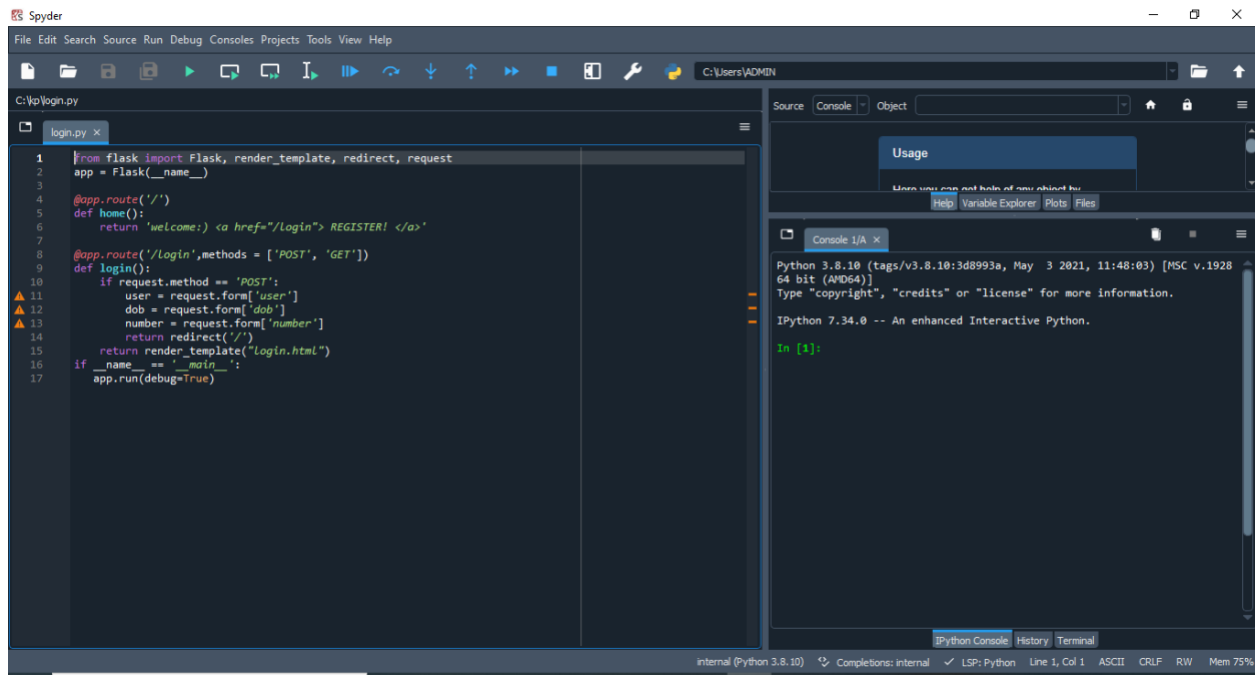
Login.py(python code)

```
from flask import Flask, render_template, redirect, request
app = Flask(__name__)
@app.route('/')
def home():
    return 'welcome:) <a href="/login"> REGISTER! </a>'
@app.route('/login',methods = ['POST', 'GET'])
def login():
    if request.method == 'POST':
        user = request.form['user']
        dob = request.form['dob']
        number = request.form['number']
        return redirect('/')
    return render_template("login.html")
if __name__ == '__main__':
    app.run(debug=True)
```

HTML CODE:

```
<html>
<head>
<title>Registration Page</title>
```

```html
    </head>
     <body>
        <form action = "/login" method = "post">
        <label>
        <p>NAME: <input type = "text" name = "user" /></p><p> D.O.B :
        <input type = "date" name= "dob" /></p>
        <p> MOBILE NUMBER : <input type = "number" name= "number" /></p>
        </label>
        <p><input type = "submit" value = "REGISTER" /></p>
        </form>
    <b></b>
     </body>
    </html>
```



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

@app.route('/')
def home():
    return 'welcome:) <a href="/login"> REGISTER! </a>'

@app.route('/login',methods = ['POST', 'GET'])
def login():
    if request.method == 'POST':
        user = request.form['user']
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        number = request.form['number']
        return redirect('/')
    return render_template("login.html")
if __name__ == '__main__':
    app.run(debug=True)
```

C:\kp\templates\login.html

login.html ×

```html
1  <html>
2  <head>
3  <title>Registration Page</title>
4  </head>
5    <body>
6      <form action = "/login" method = "post">
7      <label>
8      <p>NAME: <input type = "text" name = "user" /></p>
9      <p> D.O.B :
10     <input type = "date" name= "dob" /></p>
11     <p> MOBILE NUMBER : <input type = "number" name= "number" /></p>
12     </label>
13     <p><input type = "submit" value = "REGISTER" /></p>
14     </form>
15   <b></b>
16   </body>
17 </html>
```

127.0.0.1:5000

127.0.0.1:5000

welcome:) REGISTER!

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

Pypi.org

import camelcase

from jinja2 import Template

import requests

from flask import Flask

import click

import numpy as np

#numpy

arr = np.array([1, 2, 3, 4, 5])

print(" NUMPY ")

print(arr)

print(type(arr))

print("\n")

```python
#click
print(" CLICK ")
@click.command()
@click.argument('_name_',default='guest')
def hello(name):
    click.echo(f'Hello{name}')


#requests i
r = requests.get('https://api.spotify.com/')
r.status_code
print(" REQUESTS ")
print(r.headers)
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")
#camelcase
c = camelcase.CamelCase()
txt = "lorem ipsum dolor sit amet"
print(" CAMELCASE ")
print(c.hump(txt))
print("\n")
if __name__ == '_main_'
```

hello()

```
Administrator: Command Prompt                                          —   □   X

Microsoft Windows [Version 10.0.18363.418]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Windows\system32>cd C:\kp

C:\kp>python pypi.py
 NUMPY
[1 2 3 4 5]
<class 'numpy.ndarray'>


 CLICK
 REQUESTS
{'Connection': 'keep-alive', 'Content-Length': '23195', 'Last-Modified': 'Mon, 19 Sep 2022 22:09:42 GMT', 'ETag': '"fc6d8f2f9c64a2e6ab120afabd538844"', 'x-goog-generati
on': '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 10:42:22 GMT', 'Age': '117733',
 'X-Served-By': 'cache-chi-kigq8000022-CHI, cache-maa10244-MAA', 'X-Cache': 'HIT, HIT', 'X-Cache-Hits': '1, 642029', 'Access-Control-Allow-Origin': '*', 'Cache-Control'
: 'public, max-age=86400'}


 JINJA2
hostname core-sw-waw-01


 CAMELCASE
Lorem Ipsum Dolor Sit Amet



C:\kp>
```