

## ASSIGNMENT-2

|                  |                                    |
|------------------|------------------------------------|
| Date             | 24 September 2022                  |
| Team ID          | PNT2022TMID49558                   |
| Project Name     | Project – Plasma Donor Application |
| Team Member Name | EVANJALIN R                        |

**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)
```

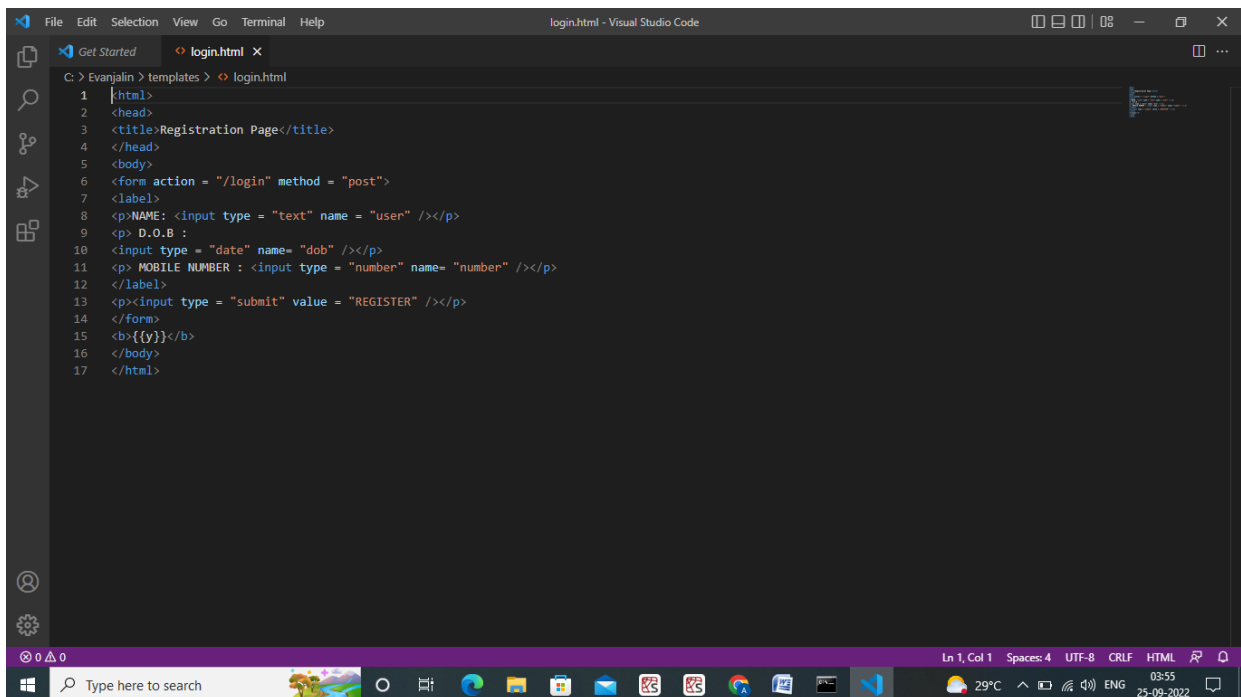
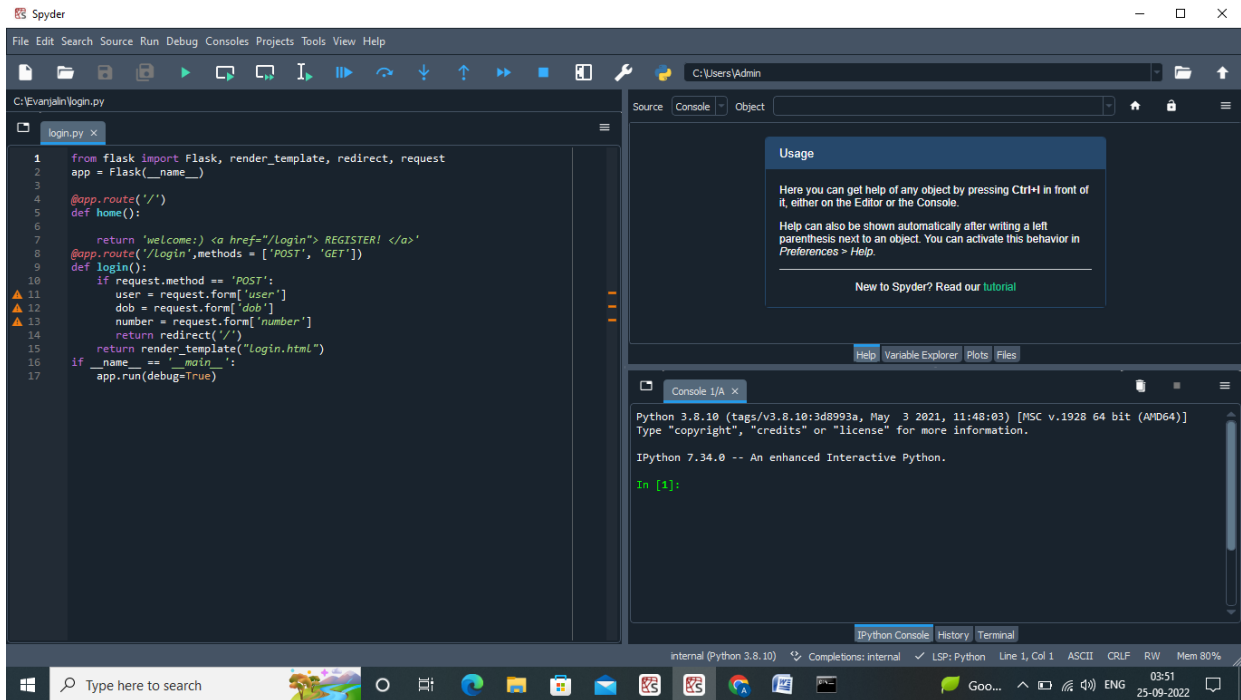
**HTML CODE:**

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

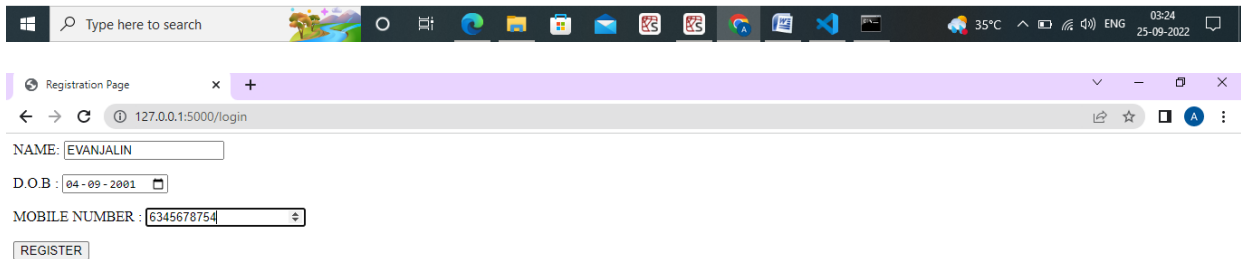
```

</label>
<p><input type = "submit" value = "REGISTER" /></p>
</form>
<b>{{y}}</b>
</body>
</html>

```



## OUTPUT :



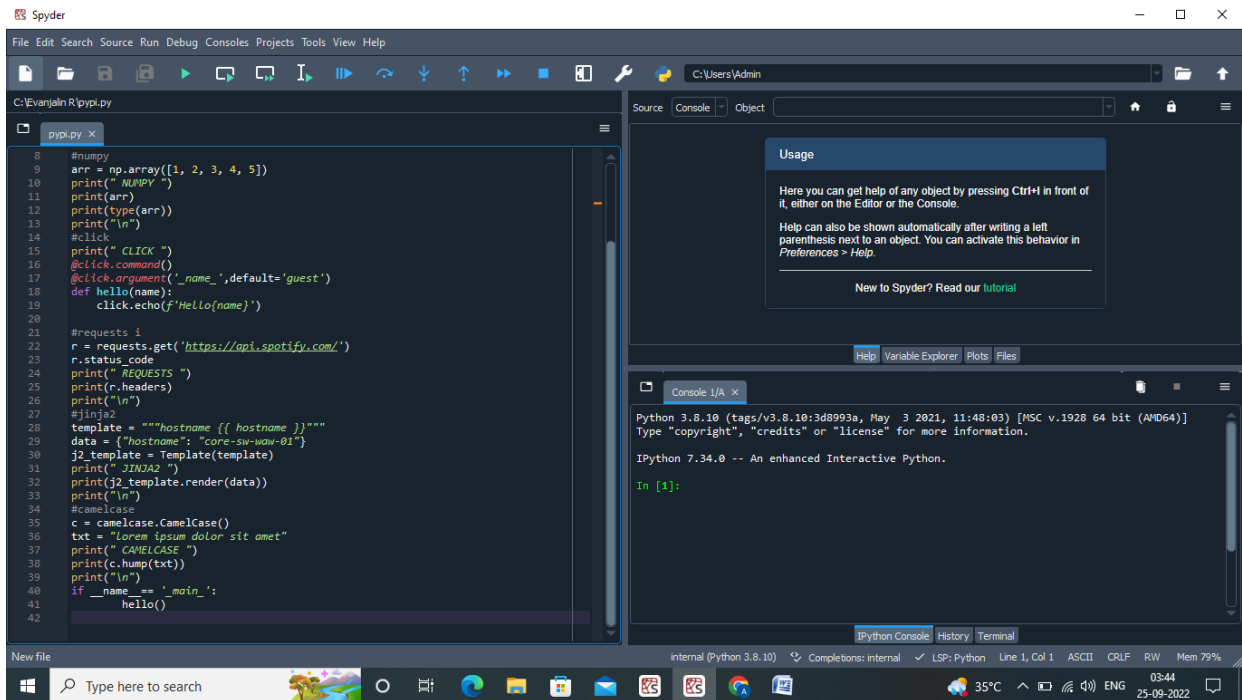
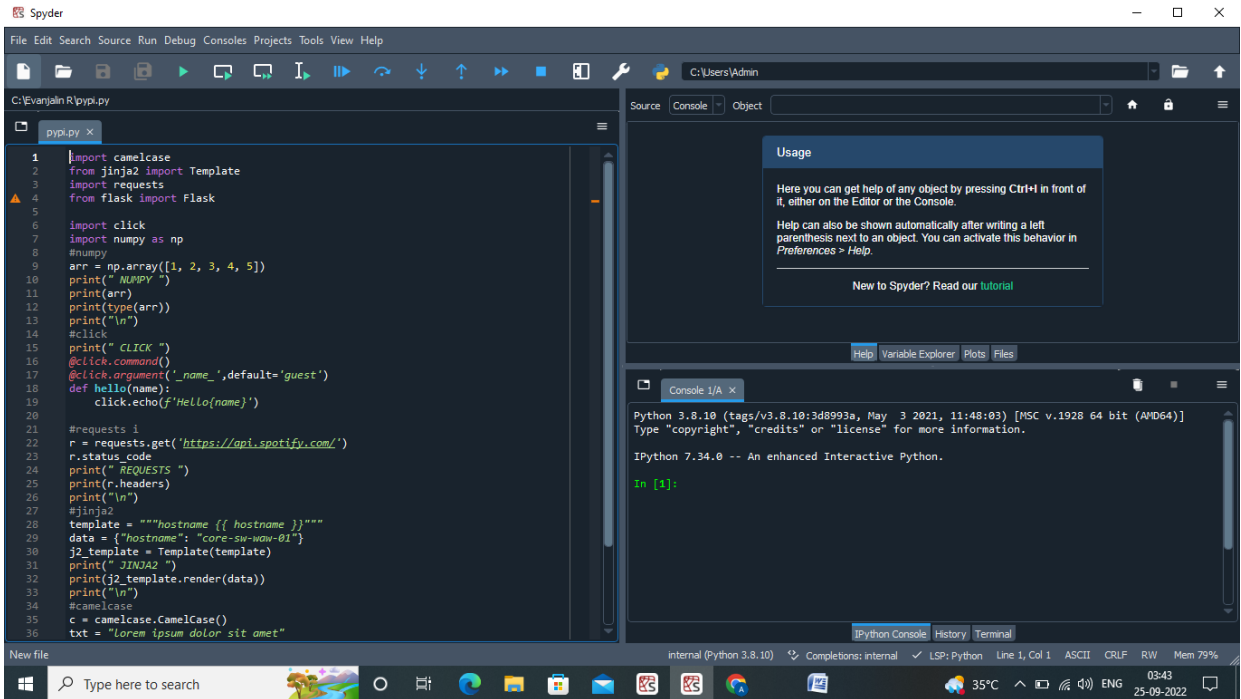
**2. Develop a flask program which should contain at least 5 packages used from pypi.org.**

### **Pypi.py**

```
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")
#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()
```



## OUTPUT :

```
Command Prompt
Microsoft Windows [Version 10.0.19044.1889]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Admin>cd C:\Evanjalin R

C:\Evanjalin R>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-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 10:15:16 GMT', 'Age': '116107', 'X-Served-By': 'cache-chi-kigq8000022-CHI, cache-maa10251-MAA', 'X-Cache': 'HIT, HIT', 'X-Cache-Hits': '1, 634112', 'Access-Control-Allow-Origin': '*', 'Cache-Control': 'public, max-age=86400'}

JINJA2
hostname core-sw-waw-01

CAMELCASE
Lorem Ipsum Dolor Sit Amet

C:\Evanjalin R>
```