ASSIGNMENT-2

Date	24 September 2022
Team ID	PNT2022TMID49588
Project Name	Project - Personal Expense Tracker
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1.Create registration page in html with username, email and phone number and by using POST method display it in next html page.
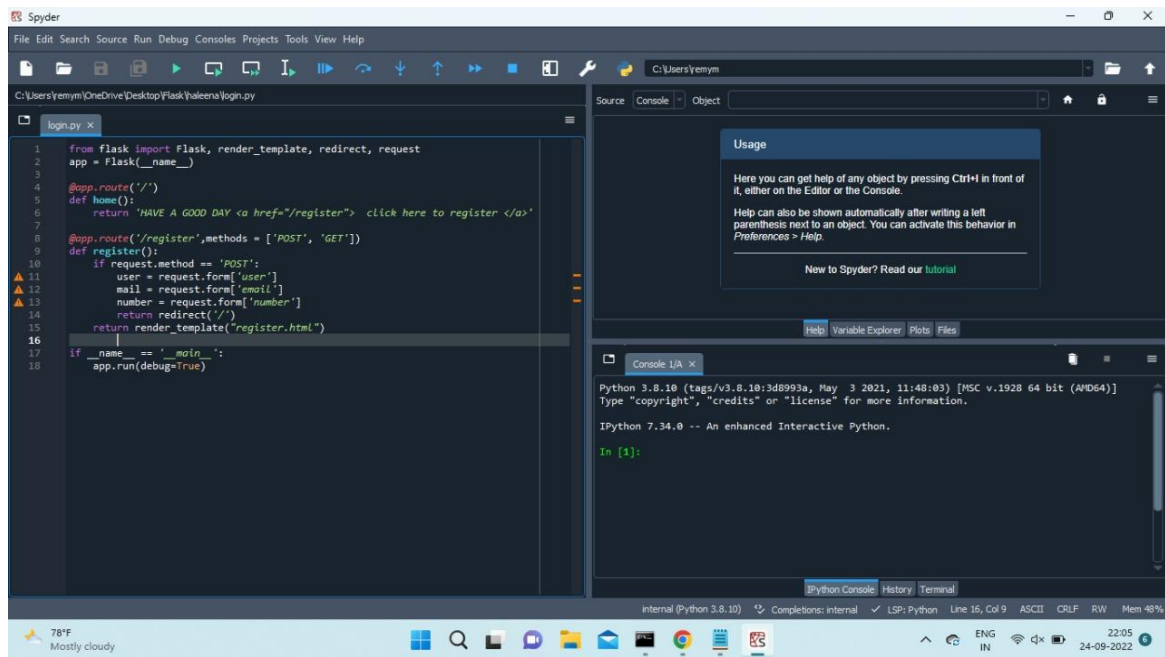
CODE:

login.py:

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

@app.route('/')
def home():
    return 'HAVE A GOOD DAY <a href="/register"> click here to register </a>'

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

register.html:

```html
<html>
<head>
<title>Login 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> EMAIL : <input type = "text" name= "email" /></p>
                </label>
                <p><input type = "submit" value = "REGISTER" /></p>
        </form>
    <b>{{y}}</b>
    </body>
</html>
```

```
register - Notepad

File   Edit   View

<html>
<head>
<title>Form</title>
<h1><center>REGISTRATION FORM</center></h1>
</head>
    <body>
        <form action = "/register" method = "post">
            <p> Enter name:<input type = "text" name = "user" /></p>
            <p> Enter email:<input type = "text" name= "email" /></p>
            <p> Enter mobile number:<input type = "number" name= "number" /></p>
            <p><input type = "submit" value = "Register" /></p>
        </form>
    <b>{{y}}</b>
    </body>
</html>
```
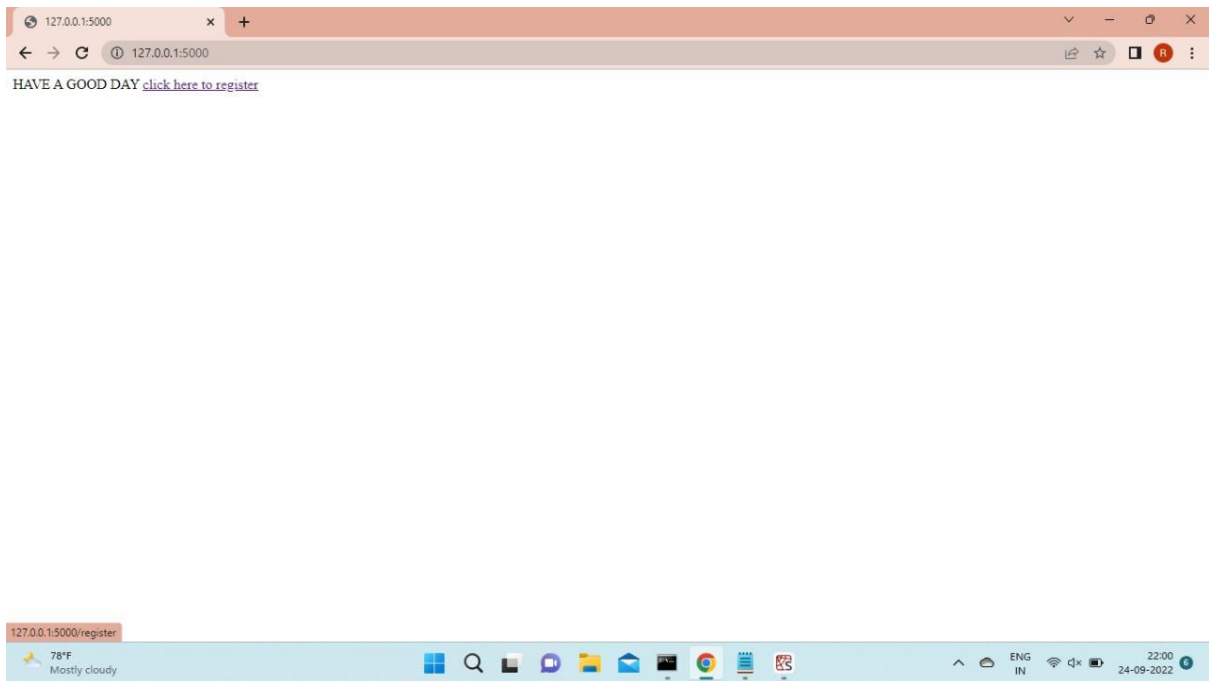
Ln 4, Col 25   100%   Windows (CRLF)   UTF-8

OUTPUT:

Form   ×   +

127.0.0.1:5000/register

REGISTRATION FORM

Enter name: haleena

Enter email: a.haleena01@gmail.com

Enter mobile number: 326476

Register

OneDrive

Screenshot saved
The screenshot was added to your
OneDrive.

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

CODE:

```python
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
@click.command()
@click.argument('name', default='guest')

def hello(name):
    click.echo('CLICK')
    click.echo(f'Hello {name}')
```
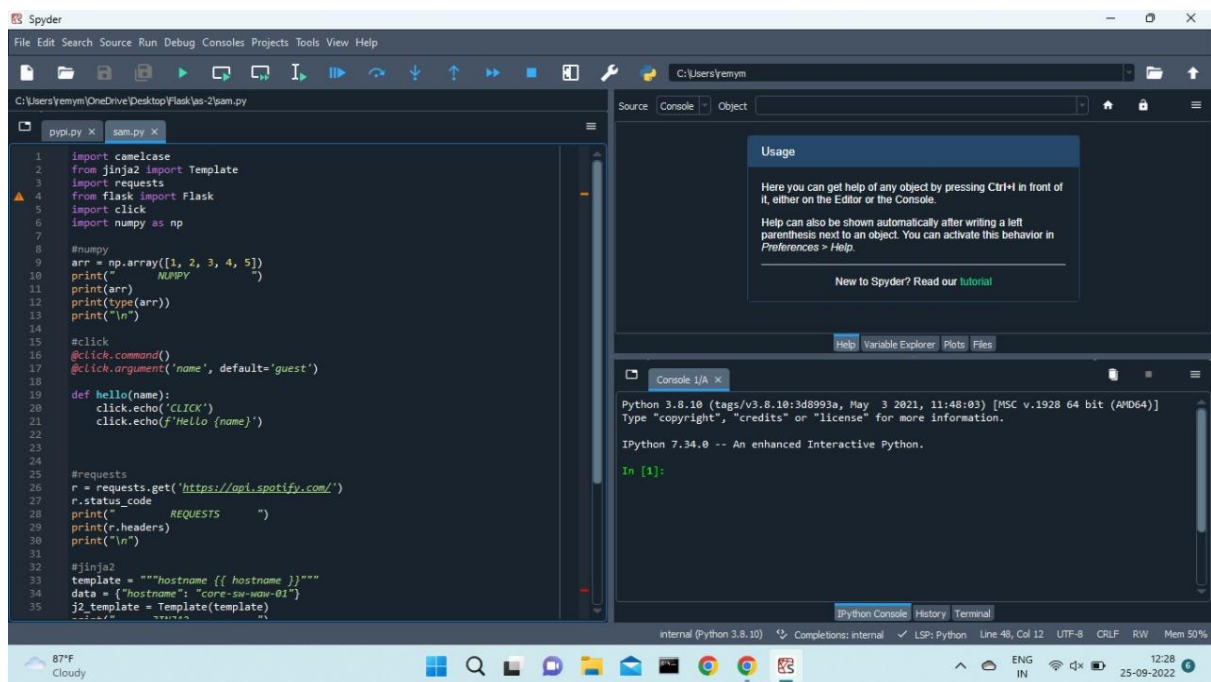
```python
#requests
r = requests.get('https://api.spotify.com/')
r.status_code
print("        REQUESTS      ")
print(r.headers)
print("\n")

#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()
```
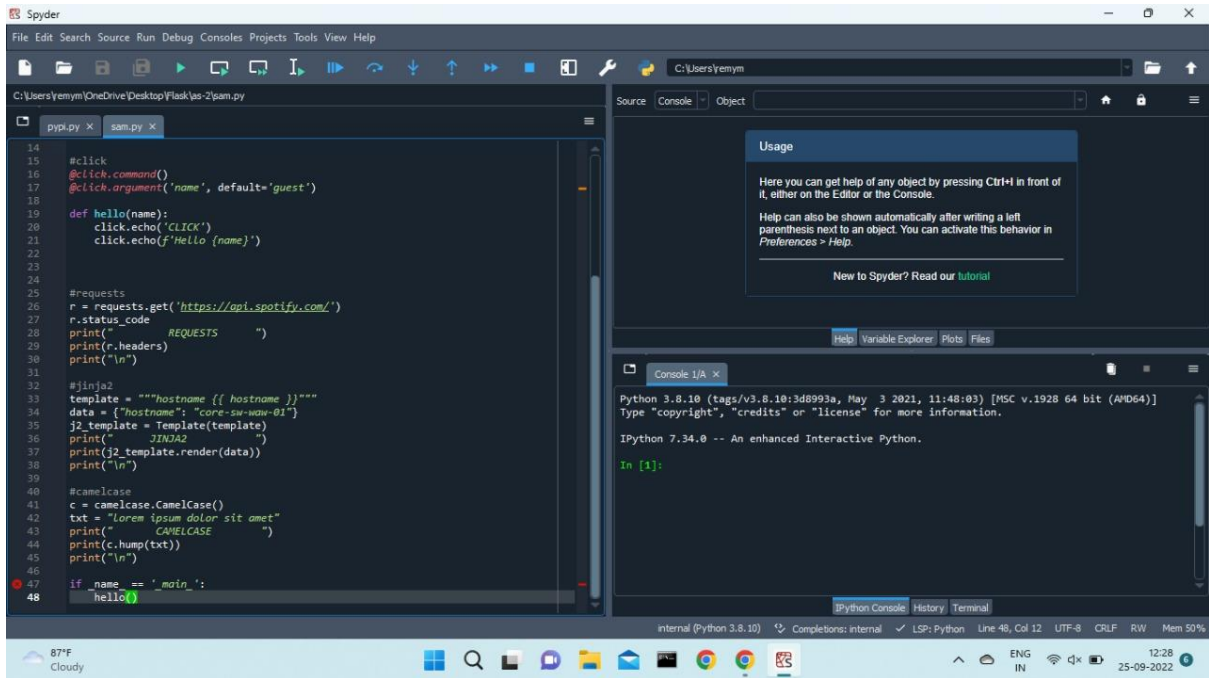
OUTPUT: