ASSIGNMENT-2

Date	24 September 2022
Team ID	PNT2022TMID49588
Project Name	Project - Personal Expense Tracker
Team Member Name	Keerthi J

1.Create registration page in html with username, email and phone number and by using POST method display it in next html page.

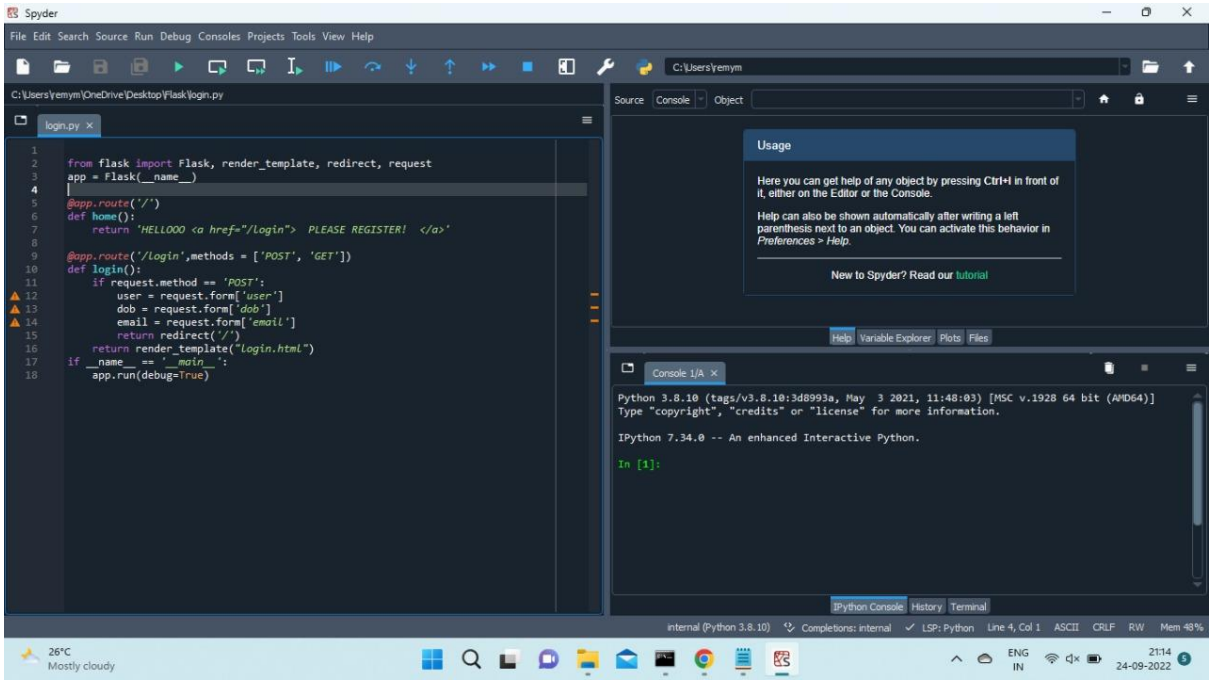
REGISTER.HTML

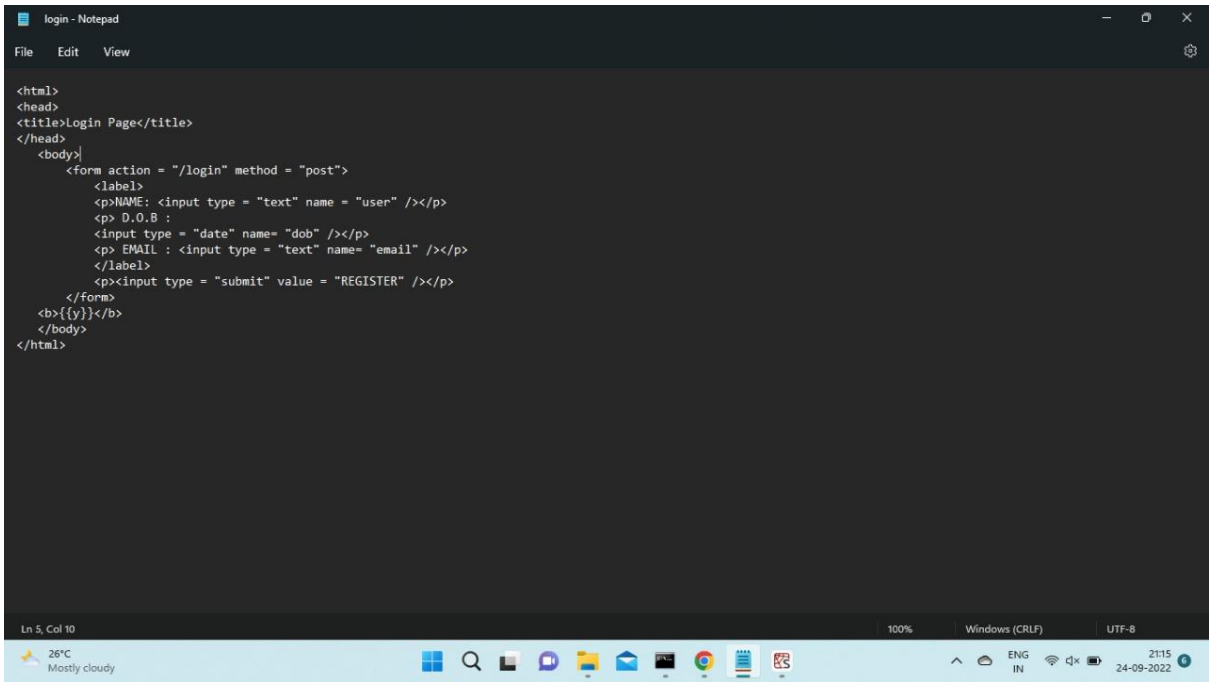
```
<html>
<head>
<title>Registration Page</title>
</head>
  <body>
     <form action = "/login" method = "post">
        <label>
        <p>NAME: <input type = "text" name = "user" /></p>
        <p> D.O.B :
        <input type = "date" name= "dob" /></p>
        <p> MOBILE NUMBER : <input type = "number"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

LOGIN.PY

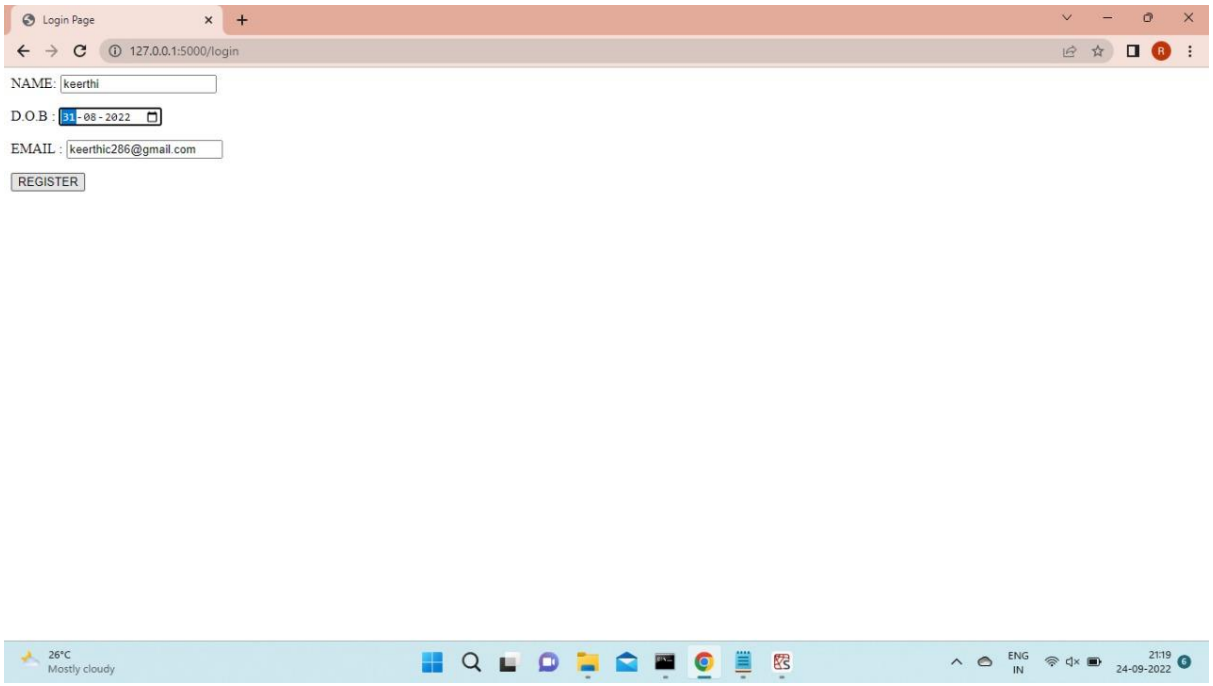
```
from flask import Flask, render_template, redirect, request
app = Flask(__name__)

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

@app.route('/login',methods = ['POST', 'GET'])
def login():
   if request.method == 'POST':
      user = request.form['user']
```

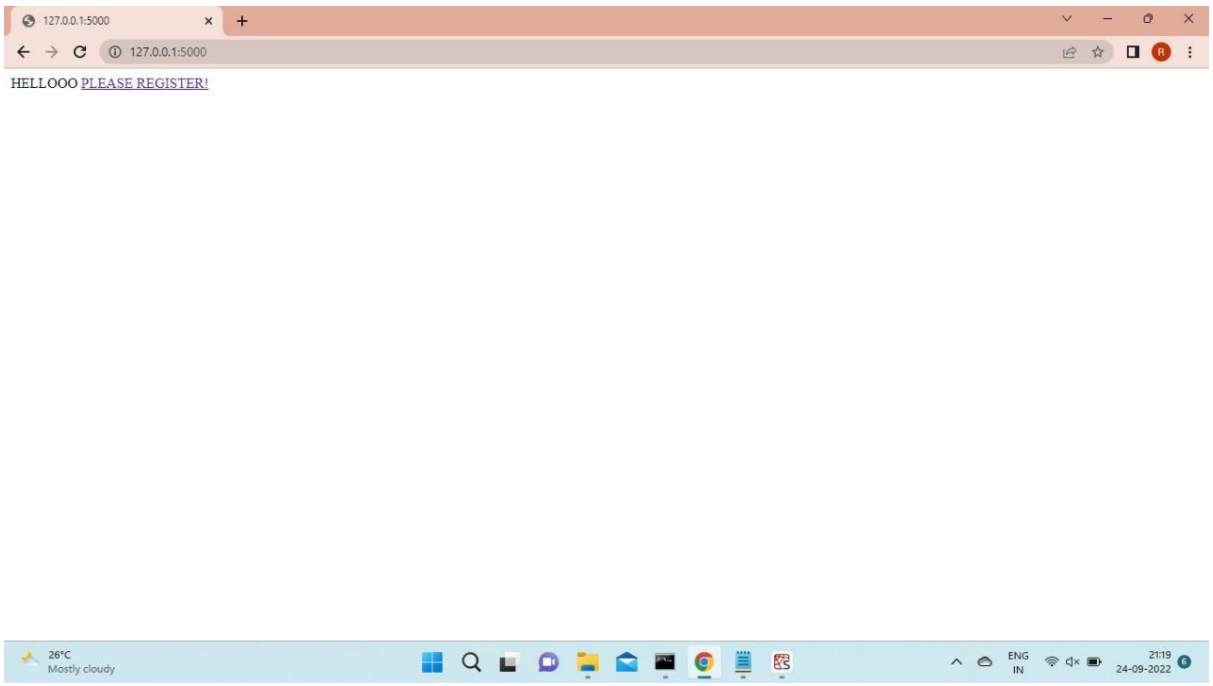
```
        dob = request.form['dob']
        number = request.form['number']
        return redirect('/')
    return render_template("login.html")
if __name__ == '__main__':
    app.run(debug=True)
```





OUTPUT:

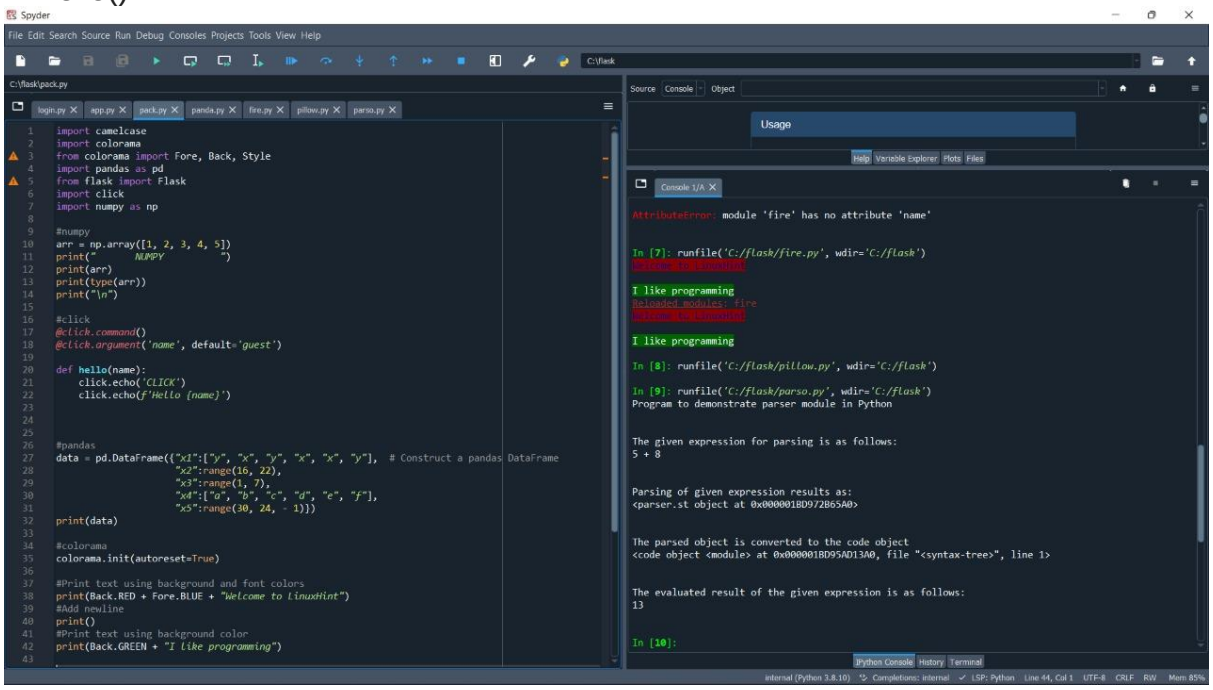

Login Page
127.0.0.1:5000/login
NAME: keerthi
D.O.B : 31-08-2022
EMAIL : keerthic286@gmail.com
REGISTER


127.0.0.1:5000
127.0.0.1:5000
HELLOOO PLEASE REGISTER!

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

```
import camelcase
import colorama
from colorama import Fore, Back, Style
import pandas as pd
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}')



#pandas
data = pd.DataFrame({"x1":["y", "x", "y", "x", "x", "y"], # Construct a pandas
DataFrame
                     "x2":range(16, 22),
                     "x3":range(1, 7),
                     "x4":["a", "b", "c", "d", "e", "f"],
                     "x5":range(30, 24, - 1)})
print(data)

#colorama
colorama.init(autoreset=True)

#Print text using background and font colors
print(Back.RED + Fore.BLUE + "Welcome to LinuxHint")
#Add newline
print()
#Print text using background color
print(Back.GREEN + "I like programming")


#camelcase
c = camelcase.CamelCase()
txt = "Hello everyone this is my page"
```

```
print(" CAMELCASE ")
print(c.hump(txt))
print("\n")

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



OUTPUT: