

PERSONAL EXPENSE TRACKER

ASSIGNMENT 1

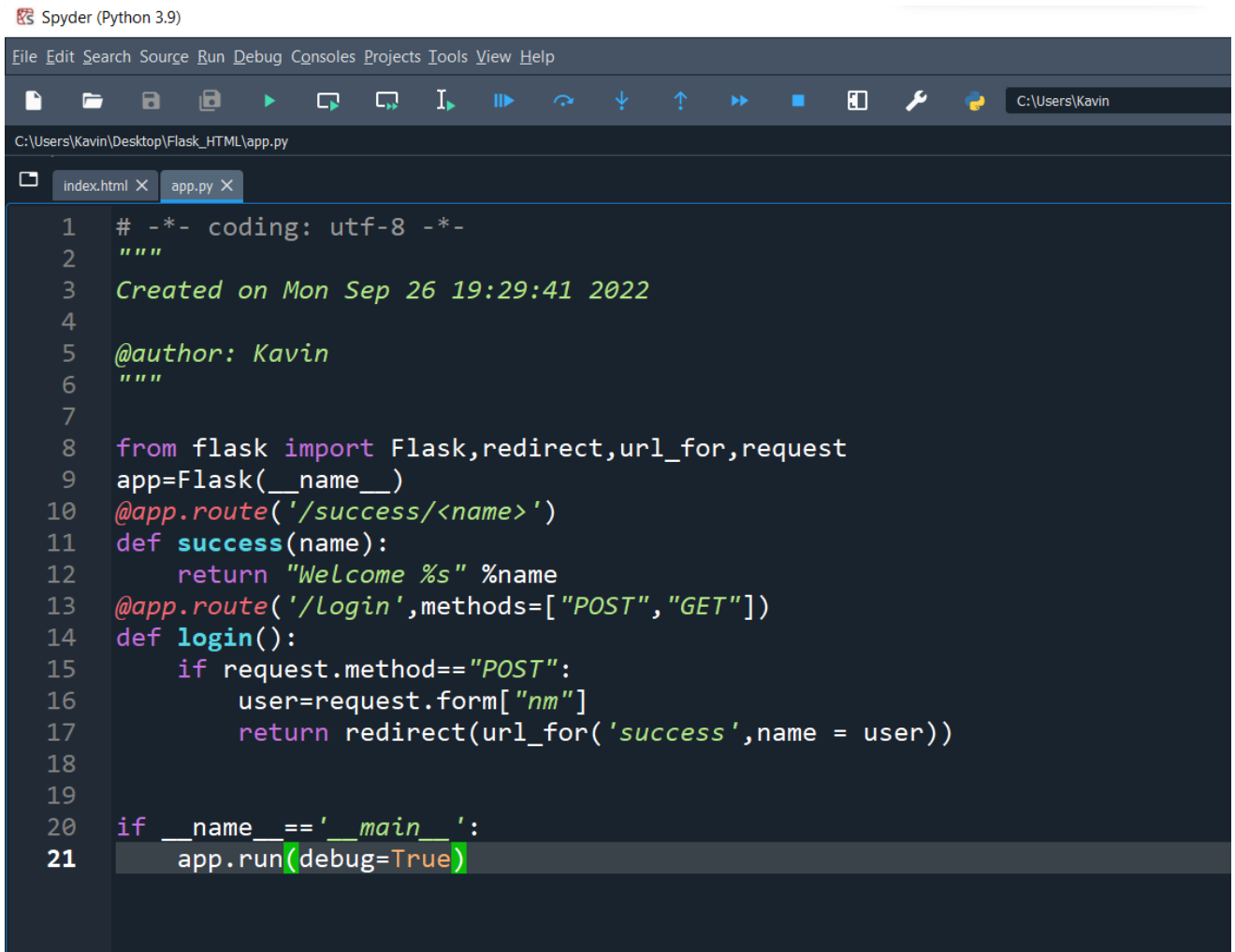
BATCH: B8-2A4E

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

HTML FILE:

```
Spyder (Python 3.9)
File Edit Search Source Run Debug Consoles Projects Tools View Help
C:\Users\Kavin\Desktop\Flask_HTML\templates\index.html
index.html X app.py X
1 <!-- coding: utf-8 -->
2
3 Created on Mon Sep 26 17:46:43 2022
4
5 @author: Kavin1!>
6
7
8 <html>
9 <body>
10 <form action="http://localhost:5000/Login" method="POST">
11 <p>Enter Name:</p>
12 <p><input type="text" name="nm"/></p>
13 <p>Enter Qualification:</p>
14 <p><input type="text" name="qf"/></p>
15 <p>Enter Age:</p>
16 <p><input type="age" name="age"/></p>
17 <p>Enter email:</p>
18 <p><input type="email" name="mail"/></p>
19 <p><input type="submit" value="submit"/></p>
20 </form>
21 </body>
22 </html>
23
```

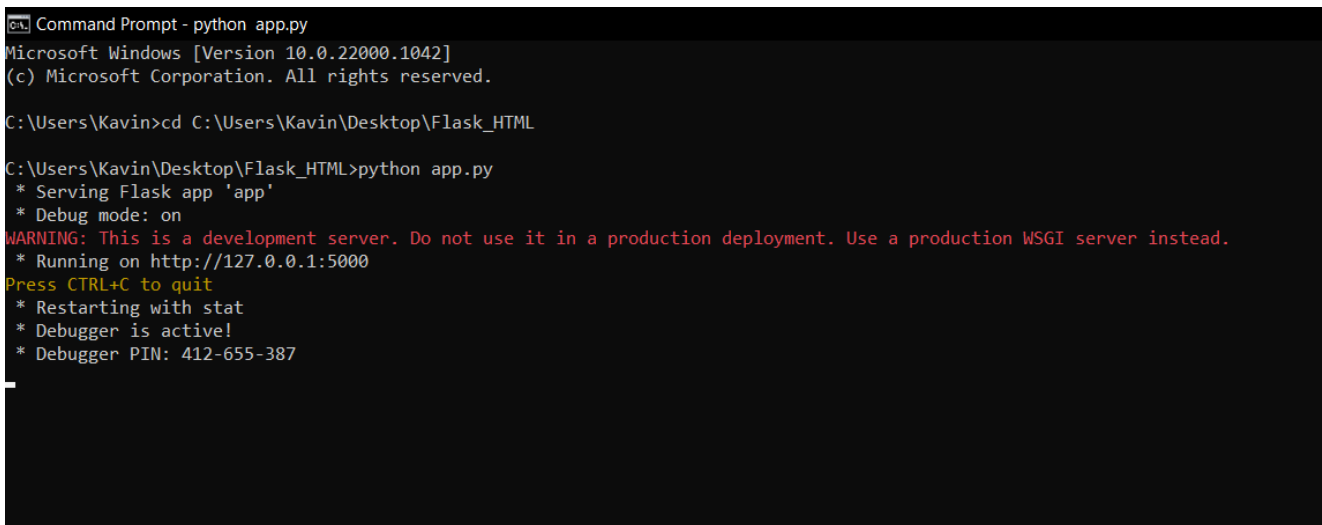
PYTHON FILE:



The image shows the Spyder Python IDE interface. The title bar indicates 'Spyder (Python 3.9)'. The menu bar includes 'File', 'Edit', 'Search', 'Source', 'Run', 'Debug', 'Consoles', 'Projects', 'Tools', 'View', and 'Help'. The toolbar contains various icons for file operations and execution. The status bar at the bottom right shows the path 'C:\Users\Kavin'. The main editor window displays the file 'C:\Users\Kavin\Desktop\Flask_HTML\app.py'. The code in the editor is as follows:

```
1  # -*- coding: utf-8 -*-
2  """
3  Created on Mon Sep 26 19:29:41 2022
4
5  @author: Kavin
6  """
7
8  from flask import Flask, redirect, url_for, request
9  app=Flask(__name__)
10 @app.route('/success/<name>')
11 def success(name):
12     return "Welcome %s" %name
13 @app.route('/login',methods=["POST","GET"])
14 def login():
15     if request.method=="POST":
16         user=request.form["nm"]
17         return redirect(url_for('success',name = user))
18
19
20 if __name__=='__main__':
21     app.run(debug=True)
```

COMMAND PROMPT:



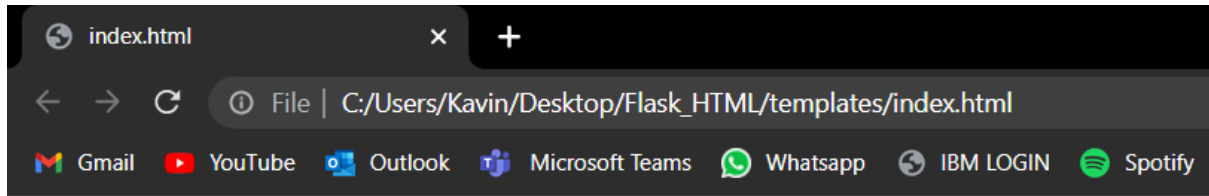
The image shows a Windows Command Prompt window titled 'Command Prompt - python app.py'. The text in the window is as follows:

```
Microsoft Windows [Version 10.0.22000.1042]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Kavin>cd C:\Users\Kavin\Desktop\Flask_HTML

C:\Users\Kavin\Desktop\Flask_HTML>python app.py
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 412-655-387
```

INPUT FORM:



''''''

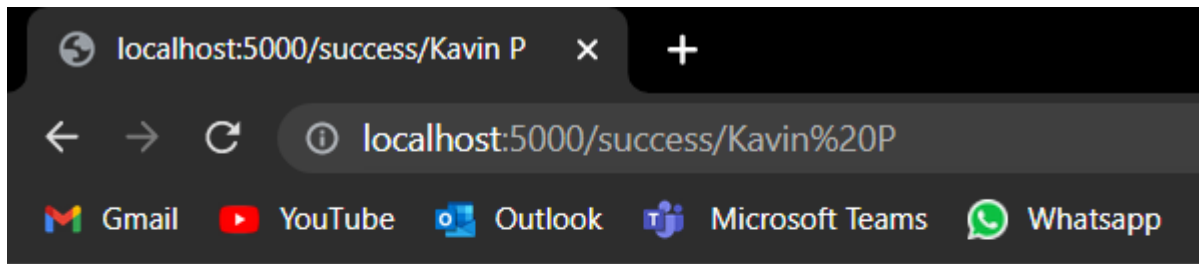
Enter Name:

Enter Qualification:

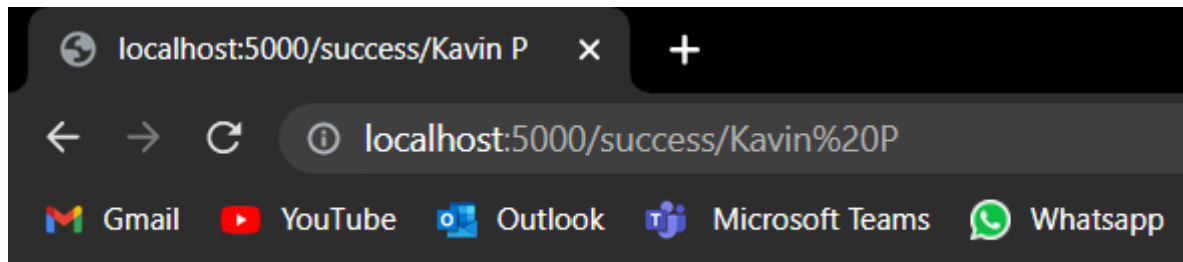
Enter Age:

Enter email:

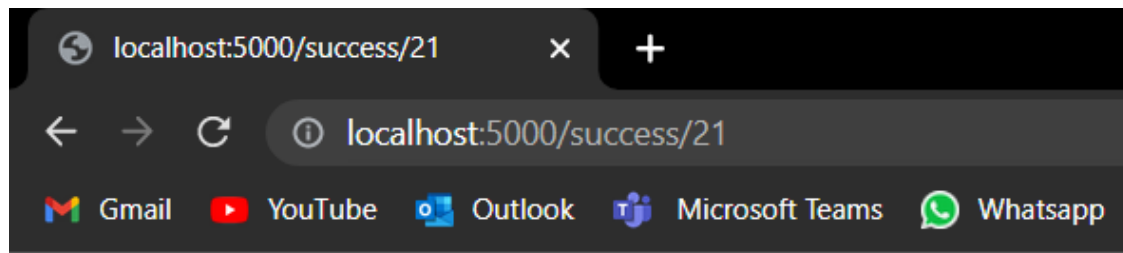
OUTPUT WEBPAGE:



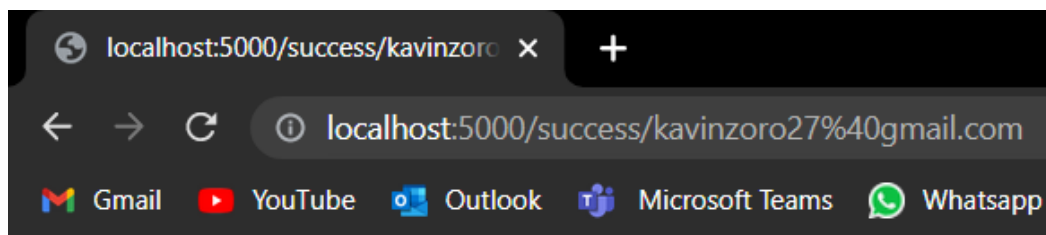
Welcome Kavin P



Your department is Kavin P



Your age is 21



Your mailid is kavinzoro27@gmail.com

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

Base.html

```
<!DOCTYPE html>

<html>

<head>

<title>Page Title</title>

{% block head %} {% endblock %}

<link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+
fzT"
crossorigin="anonymous">

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.j
s"
integrity="sha384-
u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTPOOm
Mi466C8"
crossorigin="anonymous">

</script>

</head>

<body>

<a href="/">HOME</a>

<a href="/Blog">BLOG</a>

<a href="/Signin">SIGN IN</a>

<a href="/Signup">SIGN UP</a>
```

```
<hr><br>
<div class="container">
{% block body %} {% endblock %}
</div>
</body>
</html>
```

blog.html:

```
{% extends 'base.html' %}
{% block head %}
<title>Blog Page</title>
{% endblock %}
{% block body %}
<h1>This is Kevin Blog</h1>
<h2><p>Hello, from Kevin</p></h2>
{% endblock %}
```

index.html:

```
{% extends 'base.html' %}
{% block head %}
<title>Home Page</title>
{% endblock %}
{% block body %}
<h1>Hello everyone,</h1>
<div class="p-5 mb-4 bg-light rounded-3">
<div class="container-fluid py-5">
<h1 class="display-5 fw-bold">WIFI TECHNOLOGY</h1>
```

```
<p class="col-md-8 fs-4"> Wi-Fi is a wireless networking technology that
allows
devices such as computers (laptops and desktops), mobile devices (smart
phones
and wearables), and other equipment (printers and video cameras) to interface
with
the Internet.
```

```
</p>
```

```
</div>
```

```
</div>
```

```
{ % endblock % }
```

signup.html:

```
{ % extends 'base.html' % }
```

```
{ % block head % }
```

```
<title>Signup Page</title>
```

```
{ % endblock % }
```

```
{ % block body % }
```

```
<h1>Signup Page</h1>
```

```
<form action="Signup" method="POST">
```

```
<label>Name</label><br>
```

```
<input type="text" name="name"><br><br>
```

```
<label>Email</label><br>
```

```
<input type="email" name="email"><br><br>
```

```
<label>Phone</label><br>
```

```
<input type="text" name="phone"><br><br>
```

```
<label>Password</label><br>
```

```
<input type="password" name="name"><br><br>
```



```
<label>Retype Password</label><br>
<input type="password" name="name"><br><br><br>
<input type="submit" class="btn btn-primary">
</form>
{% endblock % }
```

signin.html:

```
{% extends 'base.html' %}
{% block head %}
<title>Signin Page</title>
{% endblock %}
{% block body %}
<h1>Signin Page</h1>
<form action="/Signin" method="POST">
<label>Email</label><br>
<input type="email" name="email"><br><br>
<label>password</label><br>
<input type="password" name="name"><br><br>
<input type="submit" class="btn btn-primary">
</form>
{% endblock % }
```

app.py:

```
from flask import Flask, render_template
app = Flask(__name__ )
@app.route('/', methods =["GET", "POST"])
def Index():
```

```
return render_template('index.html')

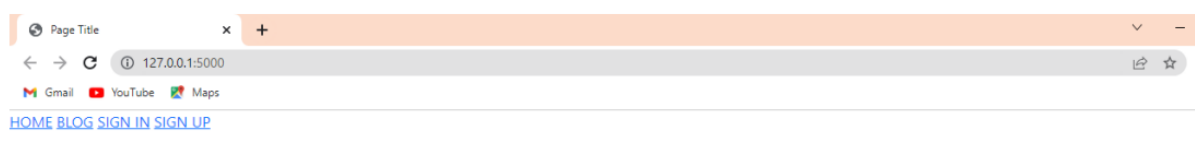
@app.route('/Blog')
def Blog():
    return render_template('blog.html')

@app.route('/Signup')
def Signup():
    return render_template('signup.html')

@app.route('/Signin')
def Signin():
    return render_template('signin.html')

if __name__ == '__main__':
    app.debug = True
    app.run()
```

OUTPUT:



Hello everyone,

WIFI TECHNOLOGY

Wi-Fi is a wireless networking technology that allows devices such as computers (laptops and desktops), mobile devices (smart phones and wearables), and other equipment (printers and video cameras) to interface with the Internet. It allows these devices--and many more--to exchange information with one another, creating a network.

This is Kevin Blog

Hello, from Kevin

Signin Page

Email

password

Submit

Signup Page

Name

Email

Phone

Password

Retype Password

Submit