

## ASSIGNMENT – 1

Date	11 September 2022
Team ID	PNT2022TMID54057
Project Name	Nutrition Assistant Application
Maximum Marks	2 Marks

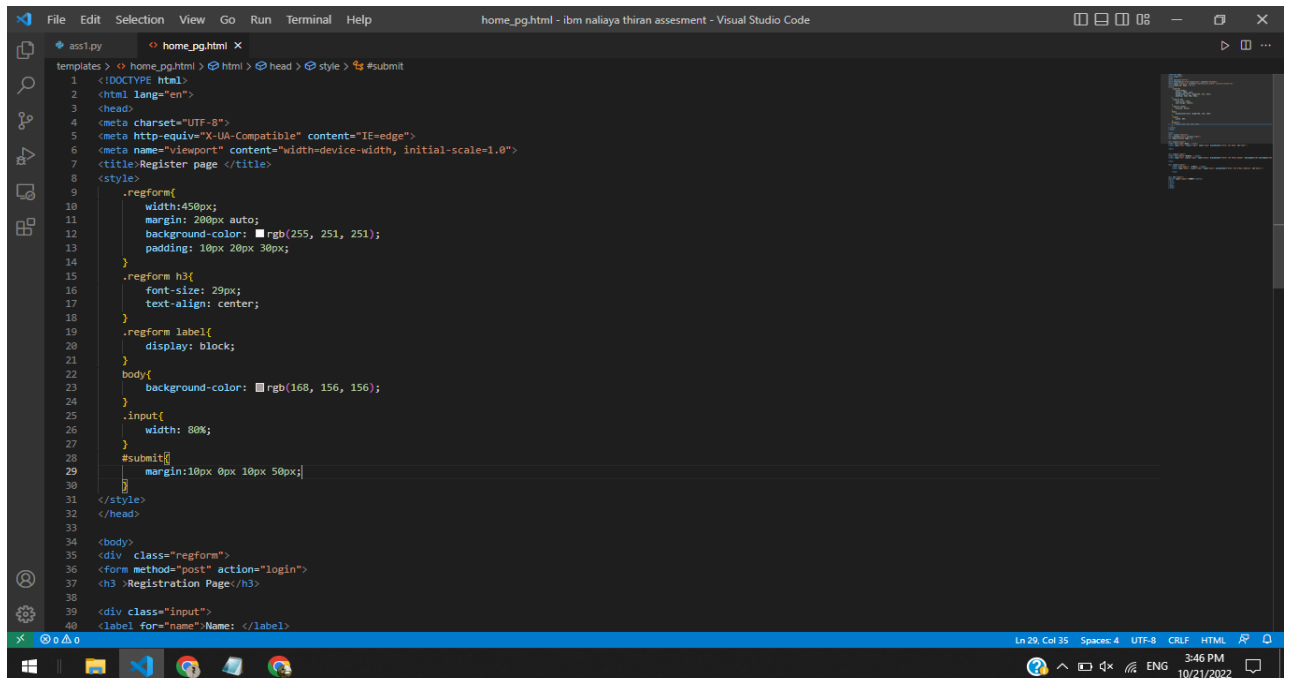
### QUESTION :

1. Create registration page in html with username, email and phone number and by using POST method display it in next html page.
2. Develop a flask program which should contain at least 5 packages used from pypi.org.

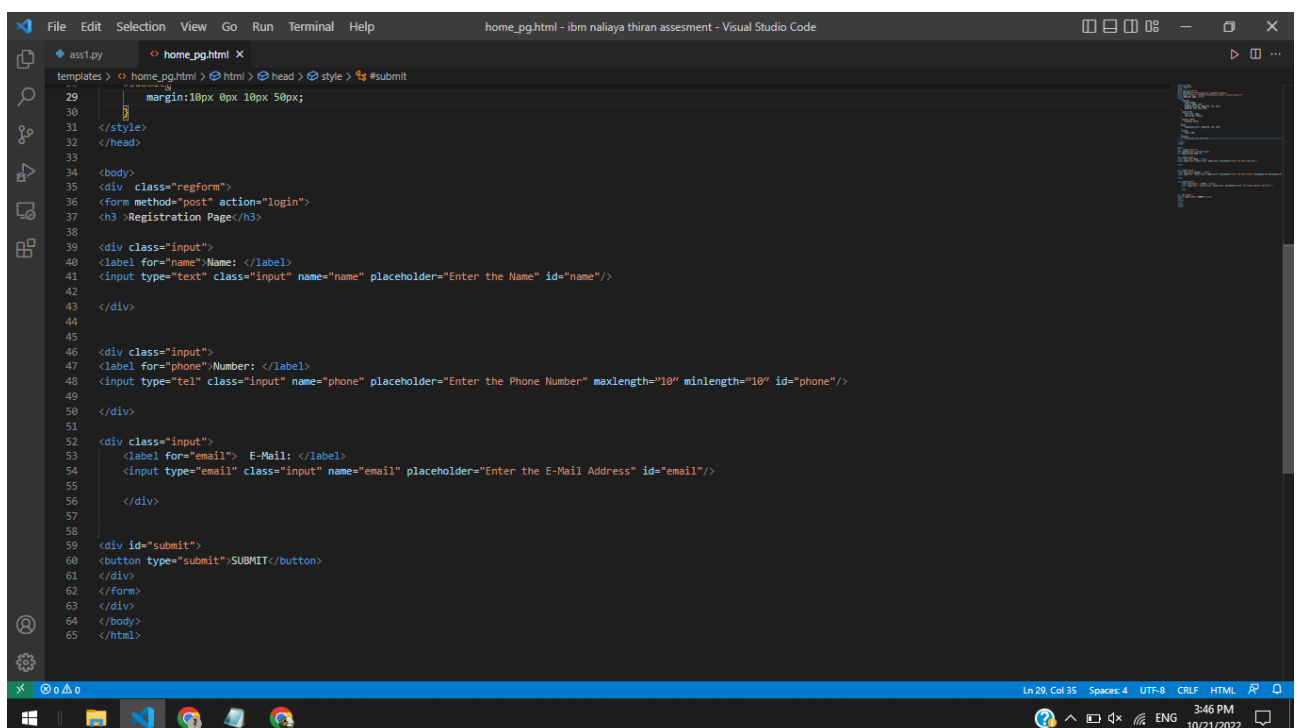
SOLUTION :

INPUT :

Home\_pg.html

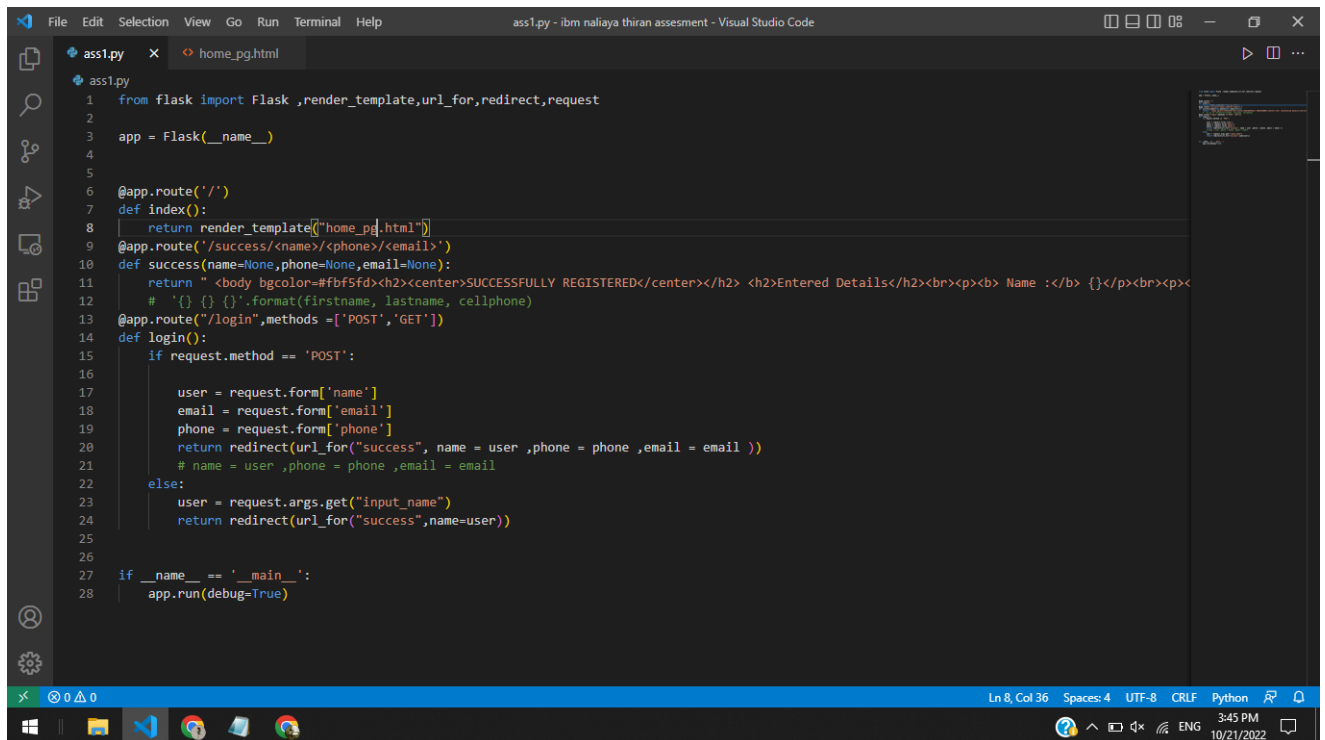


```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta http-equiv="X-UA-Compatible" content="IE=edge">
6 <meta name="viewport" content="width=device-width, initial-scale=1.0">
7 <title>Register page </title>
8 <style>
9 .regform{
10 width:450px;
11 margin: 200px auto;
12 background-color: #rgb(255, 251, 251);
13 padding: 10px 20px 30px;
14 }
15 .regform h3{
16 font-size: 29px;
17 text-align: center;
18 }
19 .regform label{
20 display: block;
21 }
22 body{
23 background-color: #rgb(168, 156, 156);
24 }
25 .input{
26 width: 80%;
27 }
28 #submit{
29 margin:10px 0px 10px 50px;
30 }
31 </style>
32 </head>
33
34 <body>
35 <div class="regform">
36 <form method="post" action="login">
37 <h3 >Registration Page</h3>
38
39 <div class="input">
40 <label for="name">Name: </label>
```



```
29 margin:10px 0px 10px 50px;
30 }
31 </style>
32 </head>
33
34 <body>
35 <div class="regform">
36 <form method="post" action="login">
37 <h3 >Registration Page</h3>
38
39 <div class="input">
40 <label for="name">Name: </label>
41 <input type="text" class="input" name="name" placeholder="Enter the Name" id="name"/>
42
43 </div>
44
45
46 <div class="input">
47 <label for="phone">Number: </label>
48 <input type="tel" class="input" name="phone" placeholder="Enter the Phone Number" maxlength="10" minlength="10" id="phone"/>
49
50 </div>
51
52 <div class="input">
53 <label for="email"> E-Mail: </label>
54 <input type="email" class="input" name="email" placeholder="Enter the E-Mail Address" id="email"/>
55
56 </div>
57
58 <div id="submit">
59 <button type="submit">SUBMIT</button>
60 </div>
61 </form>
62 </div>
63 </body>
64 </html>
```

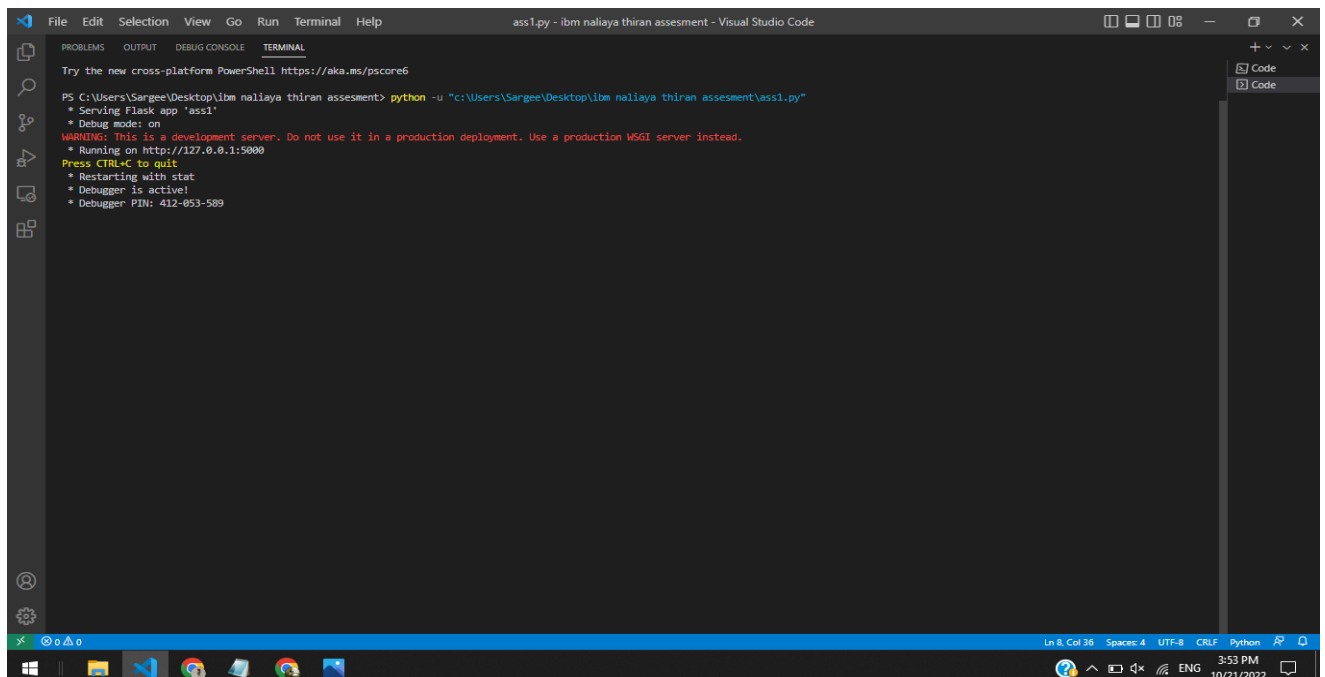
## ass1.py:



The screenshot shows the Visual Studio Code editor with the file 'ass1.py' open. The code is a Flask application that handles user registration and login. It includes routes for the home page, success messages, and a login endpoint. The application is configured to run in debug mode.

```
1 from flask import Flask ,render_template,url_for,redirect,request
2
3 app = Flask(__name__)
4
5
6 @app.route('/')
7 def index():
8     return render_template("home_pg.html")
9 @app.route('/success/<name>/<phone>/<email>')
10 def success(name=None,phone=None,email=None):
11     return " <body bgcolor=#fbf5fd><h2><center>SUCCESSFULLY REGISTERED</center></h2> <h2>Entered Details</h2><br><p><b> Name :</b> {}</p><br><p><b>
12     # '()' {} {}'.format(firstname, lastname, cellphone)
13 @app.route("/login",methods=['POST','GET'])
14 def login():
15     if request.method == 'POST':
16
17         user = request.form['name']
18         email = request.form['email']
19         phone = request.form['phone']
20         return redirect(url_for("success", name = user ,phone = phone ,email = email ))
21         # name = user ,phone = phone ,email = email
22     else:
23         user = request.args.get("input_name")
24         return redirect(url_for("success",name=user))
25
26
27 if __name__ == '__main__':
28     app.run(debug=True)
```

## Terminal:



The screenshot shows the Visual Studio Code terminal with the command 'python -u "c:\Users\Sargee\Desktop\ibm naliaya thiran assesment\ass1.py"' executed. The output shows the application running successfully on http://127.0.0.1:5000. The terminal also displays a warning message about using a development server and a message about the debugger being active.

```
PS C:\Users\Sargee\Desktop\ibm naliaya thiran assesment> python -u "c:\Users\Sargee\Desktop\ibm naliaya thiran assesment\ass1.py"
* Serving Flask app 'ass1'
* 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: 412-053-589
```

## Output:

The image shows two screenshots of a web browser. The top screenshot displays a registration form titled "Registration Page" with fields for Name, Number, and E-Mail, and a SUBMIT button. The bottom screenshot displays a success message "SUCCESSFULLY REGISTERED" and a list of entered details.

**Registration Page**

Name:

Number:

E-Mail:

**SUCCESSFULLY REGISTERED**

**Entered Details**

Name : Jeevitha M

Phone : 8934567892

E-Mail : jeevi@gmail.com