

## ASSIGNMENT – 1

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

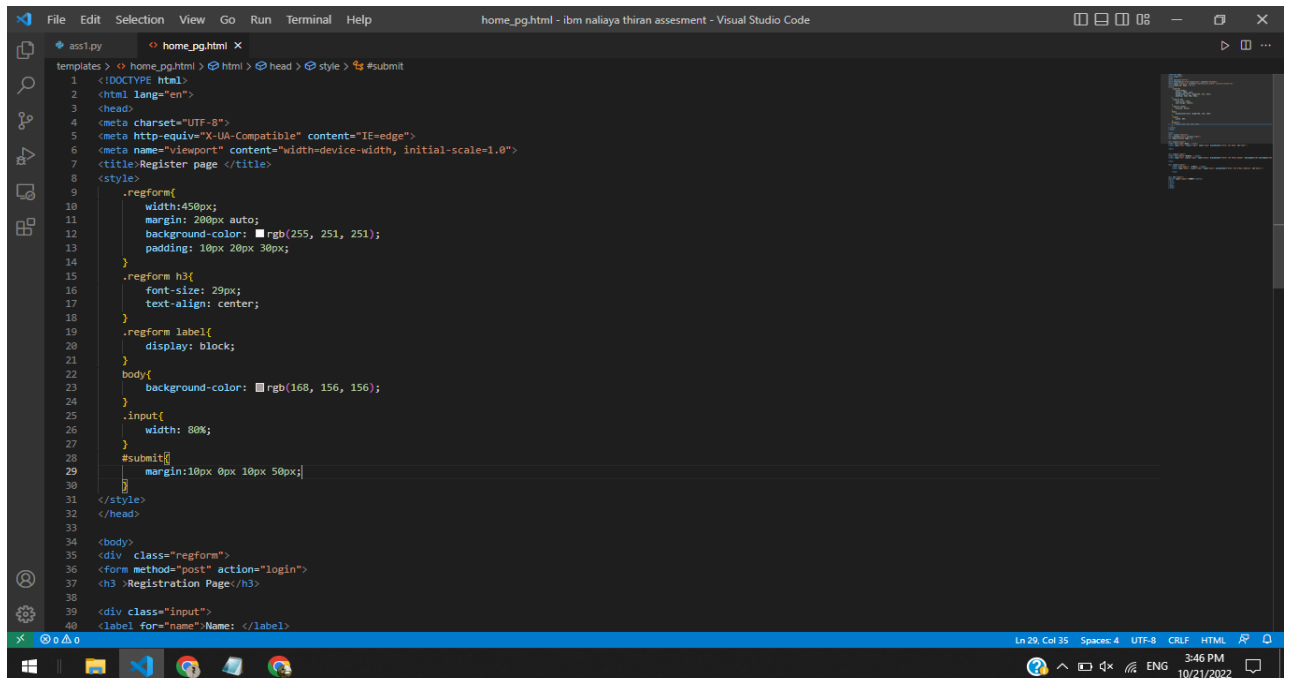
### QUESTION :

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.

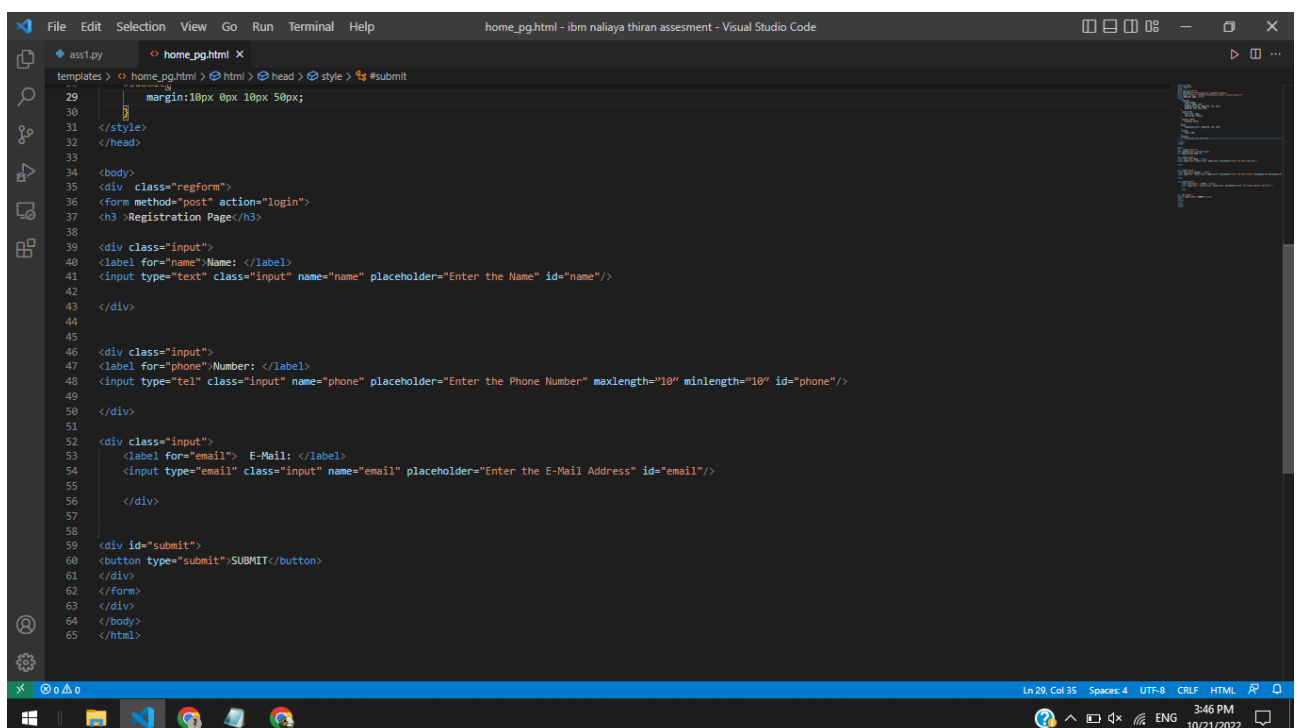
SOLUTION :

INPUT :

Home\_pg.html

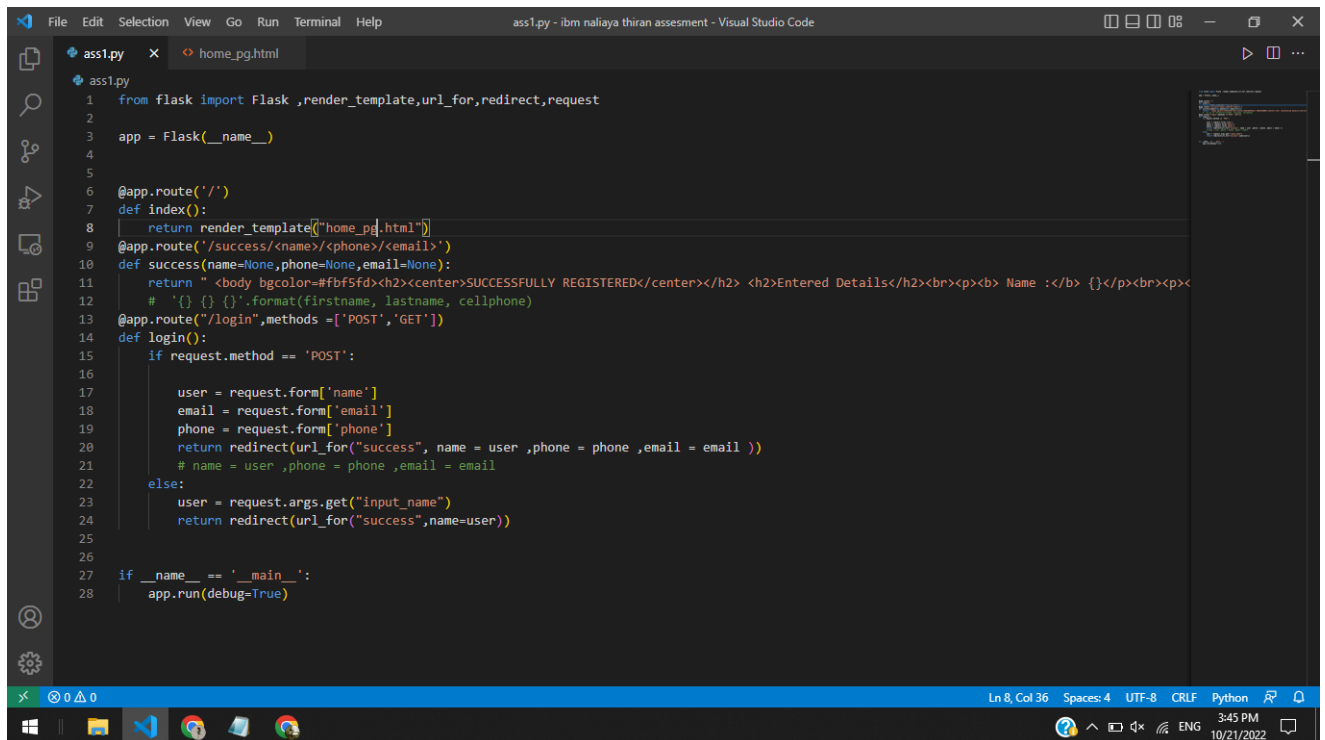


```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta http-equiv="X-UA-Compatible" content="IE=edge">
6 <meta name="viewport" content="width=device-width, initial-scale=1.0">
7 <title>Register page </title>
8 <style>
9 .regform{
10 width:450px;
11 margin: 200px auto;
12 background-color: #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>
```



```
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>
```

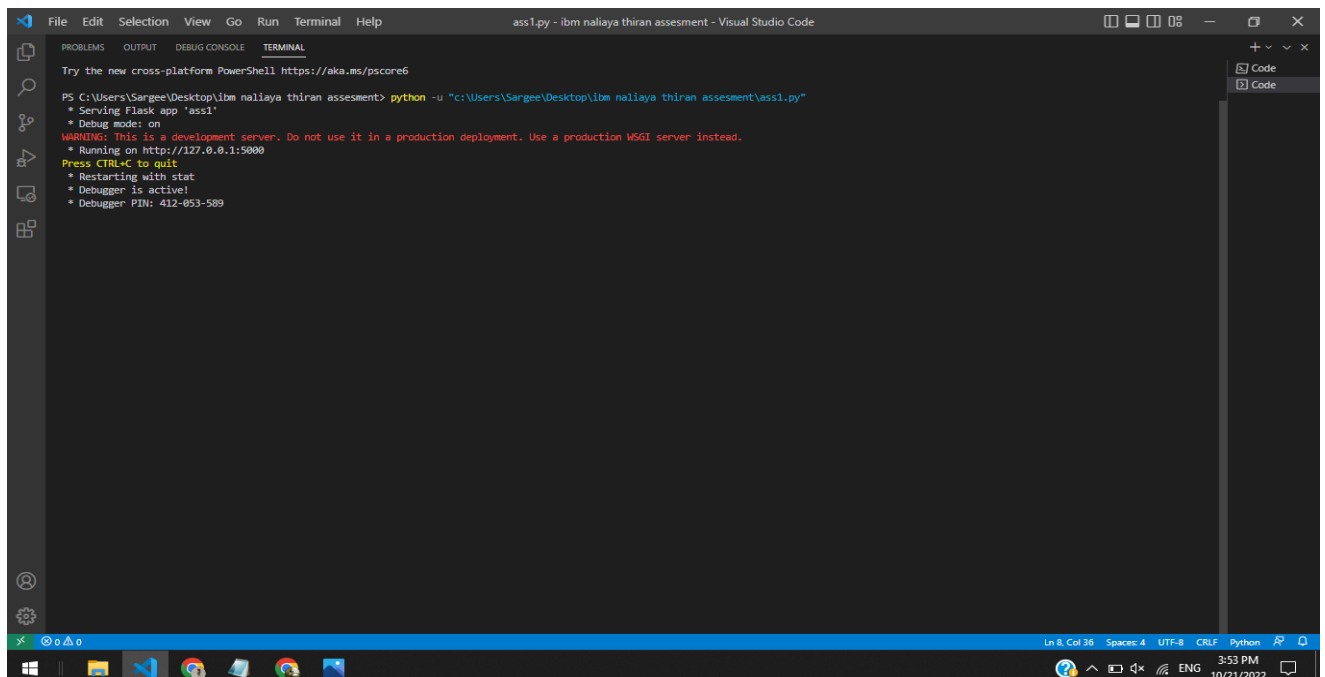
## ass1.py:



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 login. The login route uses request.args.get to retrieve the username and redirects to the success page. The success page displays the user's details and a message indicating successful registration.

```
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)
```

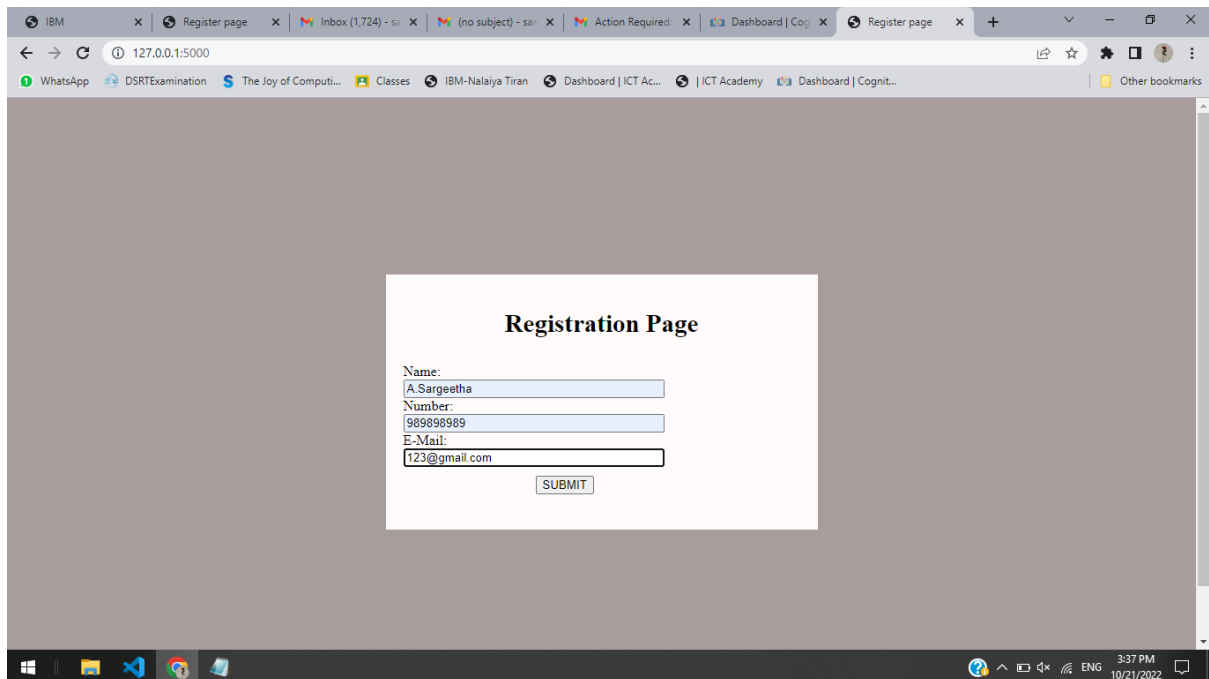
## Terminal:



The screenshot shows the terminal window in Visual Studio Code. The terminal displays the output of the command 'python -u "c:\Users\Sargee\Desktop\ibm naliaya thiran assesment\ass1.py"'. The output indicates that the Flask application is running successfully on http://127.0.0.1:5000. The terminal also shows 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:

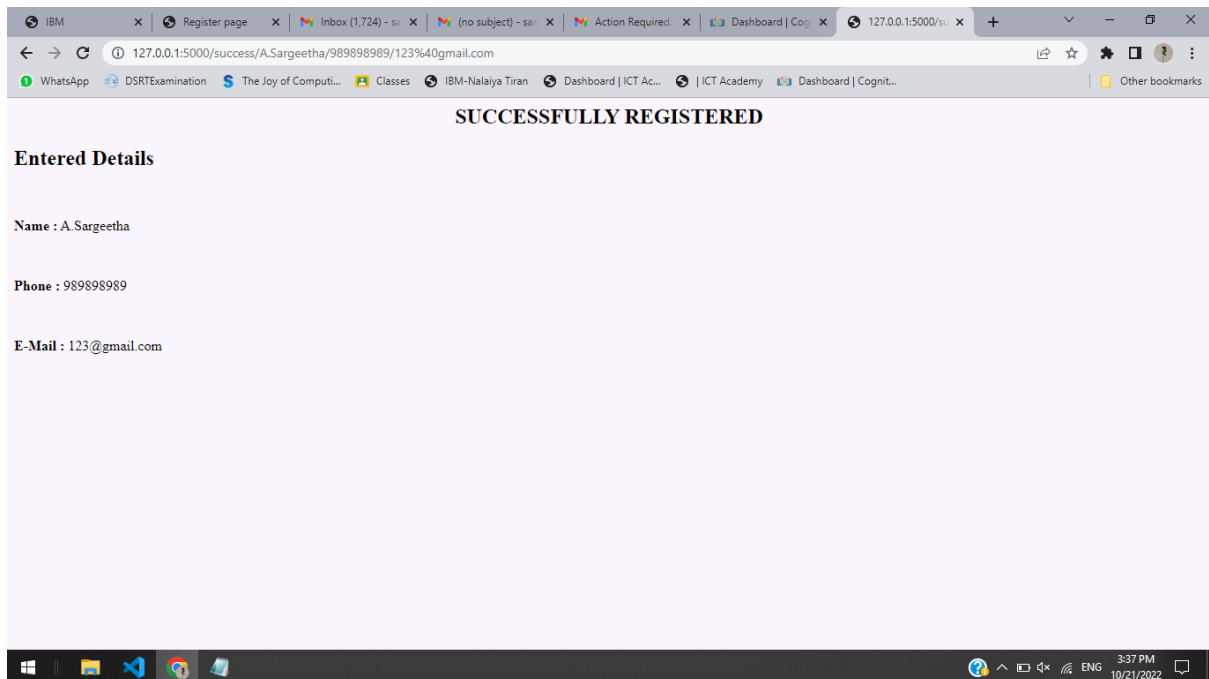


The screenshot shows a web browser window with multiple tabs. The active tab is titled 'Register page' and the address bar shows '127.0.0.1:5000'. The browser's bookmark bar includes 'WhatsApp', 'DSRTE Examination', 'The Joy of Computi...', 'Classes', 'IBM-Nalaiya Tiran', 'Dashboard | ICT Ac...', 'ICT Academy', 'Dashboard | Cognit...', and 'Other bookmarks'. The main content area displays a registration form with the following fields and values:

**Registration Page**

Name: A.Sargeetha  
Number: 989898989  
E-Mail: 123@gmail.com

SUBMIT



The screenshot shows the same web browser window after successful registration. The address bar now displays '127.0.0.1:5000/success/A.Sargeetha/989898989/123%40gmail.com'. The main content area displays a success message:

**SUCCESSFULLY REGISTERED**

**Entered Details**

Name : A.Sargeetha

Phone : 989898989

E-Mail : 123@gmail.com