

ASSIGNMENT - 1

Assignment Date	09 September 2022
Student Name	SATHYAN A
Student Roll Number	6383047393
Maximum Marks	2 Marks

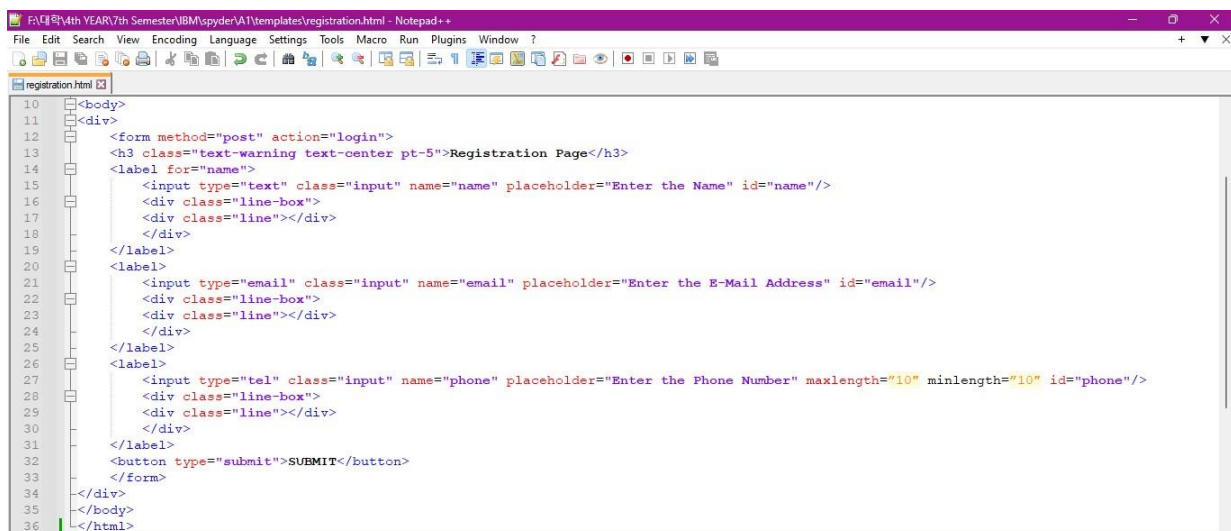
QUESTION:

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:

Registration.html



```
10 <body>
11 <div>
12   <form method="post" action="/login">
13     <h3 class="text-warning text-center pt-5">Registration Page</h3>
14     <label for="name">
15       <input type="text" class="input" name="name" placeholder="Enter the Name" id="name"/>
16       <div class="line-box">
17         <div class="line"></div>
18       </div>
19     </label>
20     <label>
21       <input type="email" class="input" name="email" placeholder="Enter the E-Mail Address" id="email"/>
22       <div class="line-box">
23         <div class="line"></div>
24       </div>
25     </label>
26     <label>
27       <input type="tel" class="input" name="phone" placeholder="Enter the Phone Number" maxlength="10" minlength="10" id="phone"/>
28       <div class="line-box">
29         <div class="line"></div>
30       </div>
31     </label>
32     <button type="submit">SUBMIT</button>
33   </form>
34 </div>
35 </body>
36 </html>
```

Style.css

```
style.css
1  body {
2      background: #dac9e0;
3  }
4
5  form {
6      width: 30%;
7      margin: 60px auto;
8      background: #fbf5fd;
9      padding: 60px 120px 80px 120px;
10     text-align: center;
11     -webkit-box-shadow: 2px 2px 3px rgba(0,0,0,0.1);
12     box-shadow: 2px 2px 3px rgba(0,0,0,0.1);
13 }
14 label {
15     display : block;
16     position : relative;
17     margin : 40px 0px;
18 }
19 .label-txt {
20     position : absolute;
21     top : -1.6em;
22     padding : 10px;
23     font-family : sans-serif;
24     font-size : .8em;
25     letter-spacing : 1px;
26     color : rgb(120, 120, 120);
27     transition : ease .3s;
28 }
29 .input {
30     width : 100%;
31     padding : 10px;
```

App.py

```
Spyder
File Edit Search Source Run Debug Consoles Projects Tools View Help
C:\Users\p\p

F:\대학\4th YEAR\7th Semester\IBM\spyder\1\app.py
app.py x
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("registration.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> Phone :</b> {}</p><br><p><b> E-Mail
12 @app.route('/login',methods=['POST','GET'])
13 def login():
14     if request.method == 'POST':
15
16         user = request.form['name']
17         email = request.form['email']
18         phone = request.form['phone']
19         return redirect(url_for("success", name = user ,phone = phone ,email = email ))
20
21     else:
22         user = request.args.get("input_name")
23         return redirect(url_for("success",name=user))
24
25
26 if __name__ == '__main__':
27     app.run(debug=True)
28
```

Command Prompt

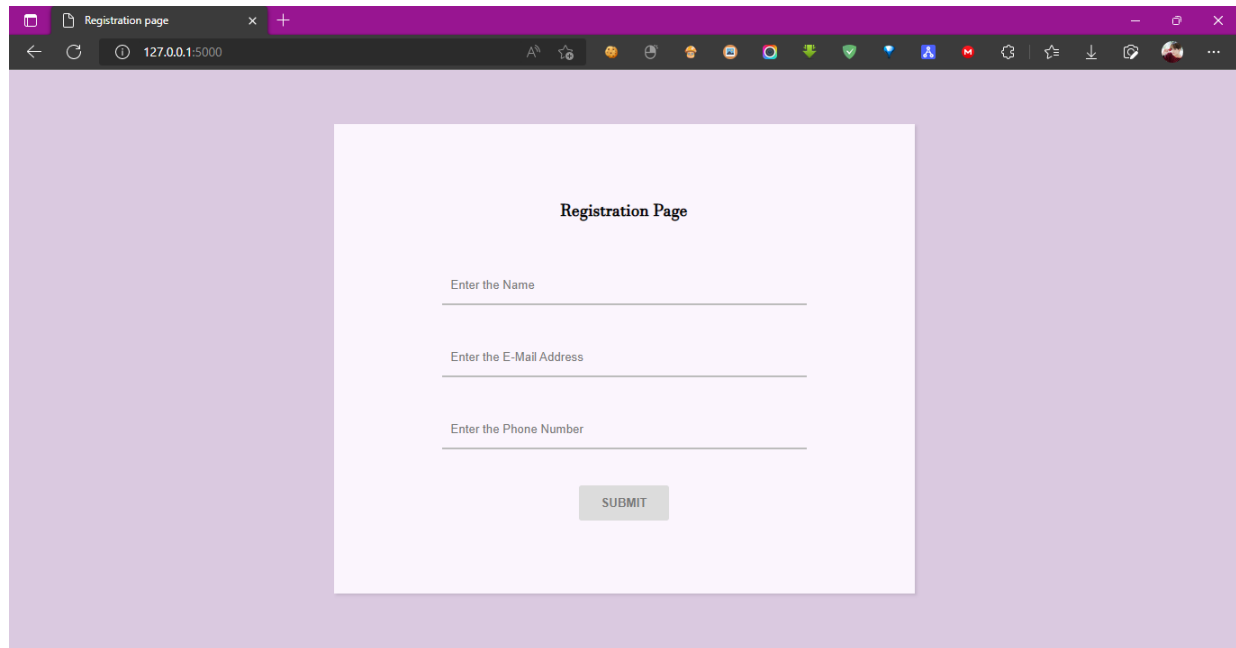
```
Administrator: Command Prompt - python app.py
Microsoft Windows [Version 10.0.22621.674]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>F:

F:\>cd F:\대학\4th YEAR\7th Semester\IBM\spyder\A1

F:\대학\4th YEAR\7th Semester\IBM\spyder\A1>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: 413-509-815
127.0.0.1 - - [19/Oct/2022 15:08:38] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [19/Oct/2022 15:08:39] "GET /static/style.css HTTP/1.1" 200 -
127.0.0.1 - - [19/Oct/2022 15:08:40] "GET /favicon.ico HTTP/1.1" 404 -
127.0.0.1 - - [19/Oct/2022 15:20:01] "POST /login HTTP/1.1" 302 -
127.0.0.1 - - [19/Oct/2022 15:20:01] "GET /success/Nanditha%20Sree%208/9361470984/nandithasreeb.ug19.it%40francisxavier.ac.in HTTP/1.1" 200 -
```

OUTPUT:



Registration page

127.0.0.1:5000

Registration Page

Nandhitha Sree B

nandhithasreeb.ug19.it@franciscxavier.ac.in

9361470984

SUBMIT

127.0.0.1:5000/success/Nandhitha

127.0.0.1:5000/success/Nandhitha%20Sree%20B/9361470984/na...

SUCCESSFULLY REGISTERED

Entered Details

Name : Nandhitha Sree B

Phone : 9361470984

E-Mail : nandhithasreeb.ug19.it@franciscxavier.ac.in