

ASSIGNMENT - 1

Assignment Date	09 September 2022
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Student Roll Number	95071915019
Maximum Marks	2 Marks

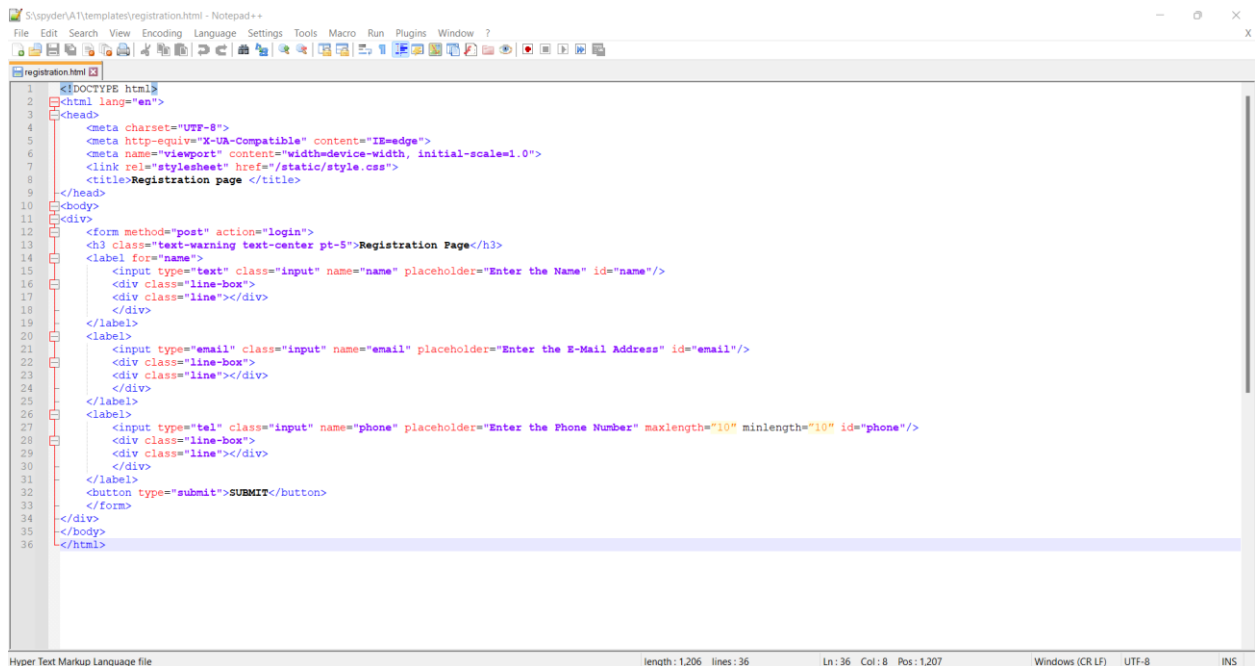
QUESTION:

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



```
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   <link rel="stylesheet" href="/static/style.css">
8   <title>Registration page </title>
9 </head>
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>
```

Hyper Text Markup Language file length: 1,206 lines: 36 Ln: 36 Col: 8 Pos: 1,207 Windows (CR LF) UTF-8 INS

Style.css

```
*Spyder\AI1\static\style.css - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
style.css
1 body {
2   background: #dac9e0;
3 }
4 form {
5   width: 30%;
6   margin: 60px auto;
7   background: #f5f5f5;
8   padding: 60px 120px 80px 120px;
9   text-align: center;
10  -webkit-box-shadow: 2px 2px 3px rgba(0,0,0,0.1);
11  box-shadow: 2px 2px 3px rgba(0,0,0,0.1);
12 }
13 label {
14   display: block;
15   position: relative;
16   margin: 40px 0px;
17 }
18 .label-txt {
19   position: absolute;
20   top: -1.6em;
21   padding: 10px;
22   font-family: sans-serif;
23   font-size: .8em;
24   letter-spacing: 1px;
25   color: rgb(120, 120, 120);
26   transition: ease .3s;
27 }
28 .input {
29   width: 100%;
30   padding: 10px;
31   background: transparent;
32   border: none;
33   outline: none;
34 }
35 .line-box {
36   position: relative;
37   width: 100%;
38   height: 2px;
39   background: #BCBCBC;
40 }
41 .line {
42   position: absolute;
43   width: 0%;
44   height: 2px;
45 }
Cascade Style Sheets File length: 1,408 lines: 71 Ln: 55 Col: 15 Pos: 1,062 Windows (CR LF) UTF-8 INS
```

App.py

```
Spyder
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C:\Users
S:\spyder\AI1\app.py
app.py
1 # -*- coding: utf-8 -*-
2 """
3 Created on Fri Oct 14 19:58:23 2022
4
5 @author: SHEREEN
6 """
7
8 from flask import Flask ,render_template,url_for,redirect,request
9
10 app = Flask(__name__)
11
12
13 @app.route('/')
14 def index():
15     return render_template("registration.html")
16 @app.route('/success/<name>/<phone>/<email>')
17 def success(name=None,phone=None,email=None):
18     return "<h2><center>SUCCESSFULLY REGISTERED</center></h2><br><p><b>Name:</b>{}</p><br><p><b>Phone:</b>{}</p><br><p><b>E-Mail :</b>{}</p></body>".format(name , phone ,email)
19
20 @app.route("/login",methods=['GET','POST'])
21 def login():
22     if request.method == 'POST':
23
24         user = request.form['name']
25         email = request.form['email']
26         phone = request.form['phone']
27         return redirect(url_for("success", name = user ,phone = phone ,email = email ))
28         # name = user ,phone = phone ,email = email
29     else:
30         user = request.args.get("input_name")
31         return redirect(url_for("success",name=user))
32
33
34 if __name__ == '__main__':
35     app.run(debug=True)
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Command Prompt

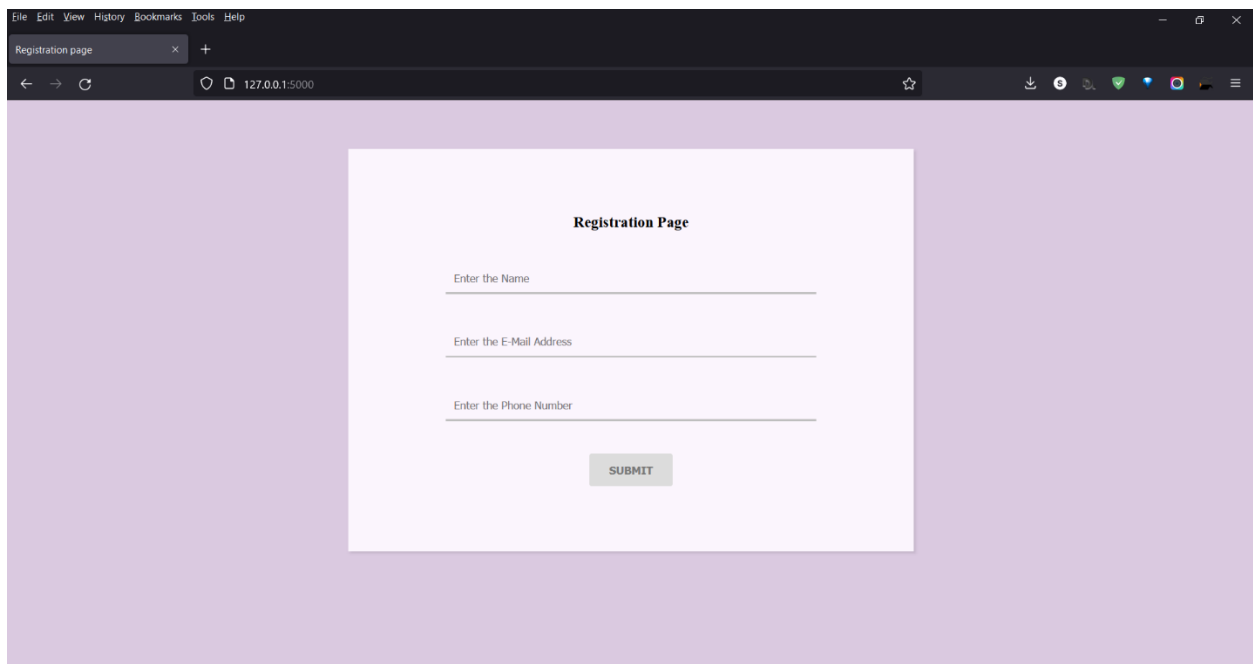
```
Administrator: Command Prompt - python app.py
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>s:

S:\>cd S:\spyder\A1

S:\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: 997-134-709
```

OUTPUT:



The screenshot shows a web browser window with a single tab titled "Registration page". The address bar displays "127.0.0.1:5000". The page content is a registration form centered on a light purple background. The form is titled "Registration Page" and contains three input fields: "Enter the Name", "Enter the E-Mail Address", and "Enter the Phone Number". Below these fields is a green "SUBMIT" button.

