

# ASSIGNMENT - 1

Assignment Date	09 September 2022
Student Name	Nivetha K
Student Roll Number	95071915031
Maximum Marks	2 Marks

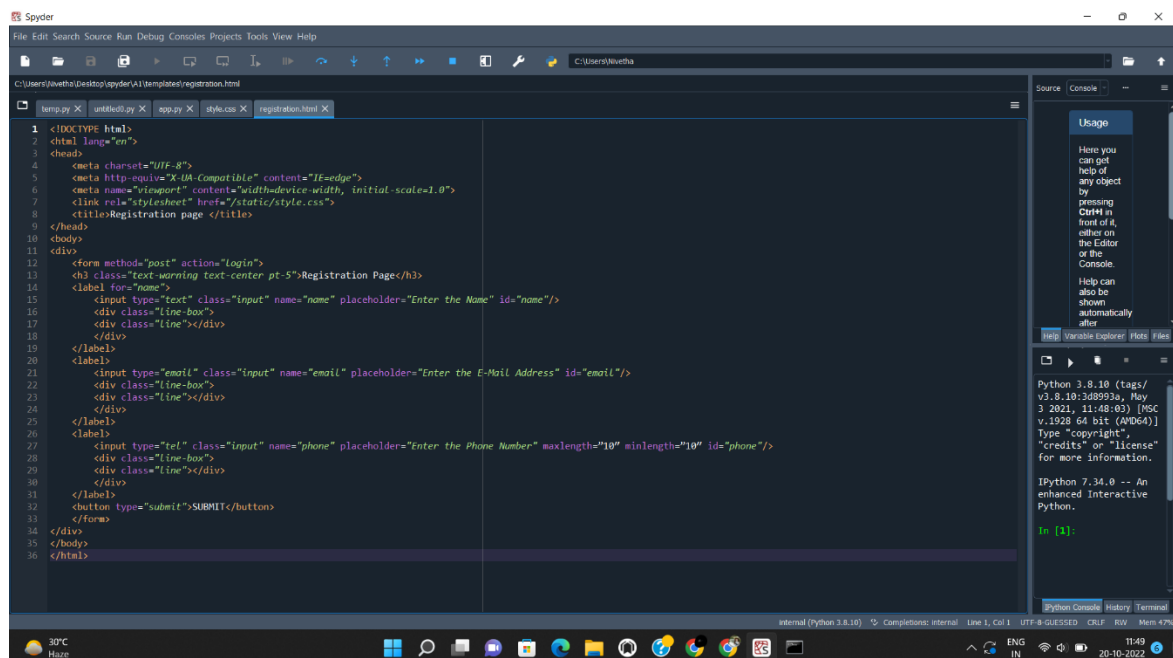
## QUESTION:

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:

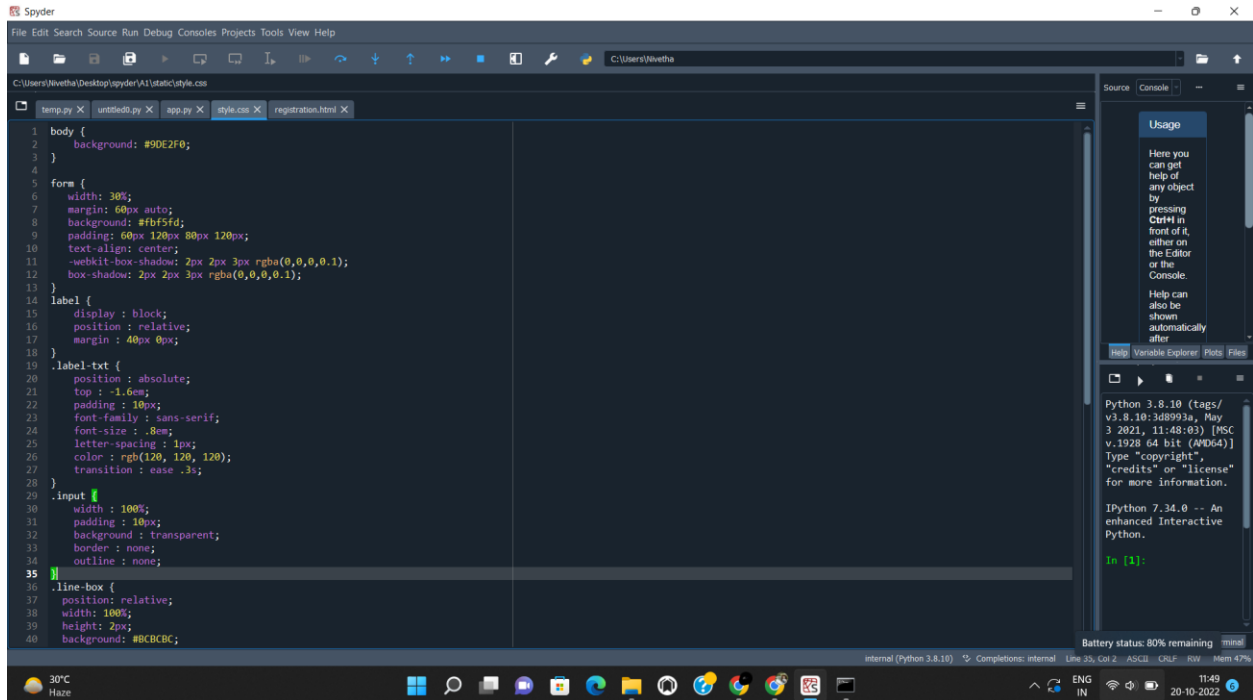
## INPUT:

## Registration.html



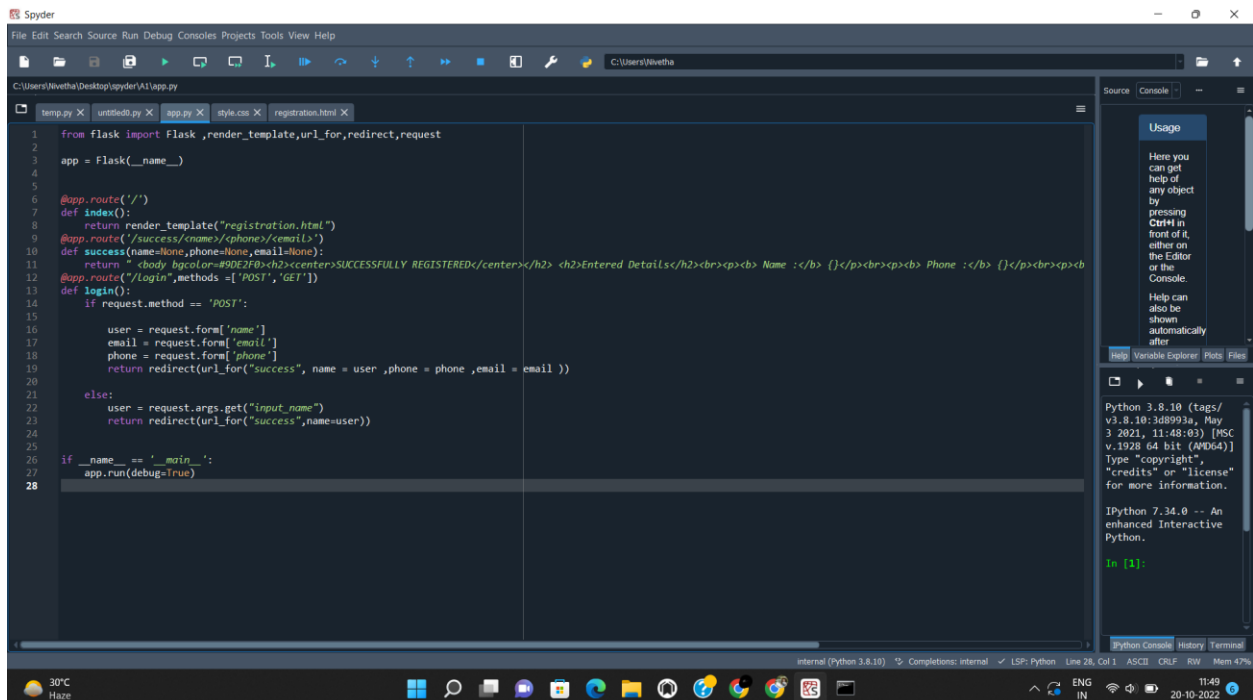
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <link rel="stylesheet" href="/static/style.css">
8   <title>Registration page </title>
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>
```

## Style.css



```
1 body {
2     background: #90E2F0;
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
30 .input {
31     width : 100%;
32     padding : 10px;
33     background : transparent;
34     border : none;
35     outline : none;
36 }
37 .line-box {
38     position : relative;
39     width : 100%;
40     height : 2px;
41     background: #BCCBCB;
```

## App.py



```
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
10 @app.route('/success/<name>/<phone>/<email>')
11 def success(name=None,phone=None,email=None):
12     return "<body bgcolor=#90E2F0><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> Email :</b> {}</p></body>"
13
14 @app.route('/login',methods =['POST','GET'])
15 def login():
16     if request.method == 'POST':
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
22     else:
23         user = request.args.get("input_name")
24         return redirect(url_for("success",name=user))
25
26 if __name__ == '__main__':
27     app.run(debug=True)
```

## Command Prompt

```
Administrator: Command Prompt - python app.py
Collecting Jinja2>=3.0
  Downloading Jinja2-3.1.2-py3-none-any.whl (133 kB)
----- 133.1/133.1 kB 374.6 kB/s eta 0:00:00
Collecting itsdangerous>=2.0
  Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Collecting Werkzeug>=2.2.2
  Downloading Werkzeug-2.2.2-py3-none-any.whl (232 kB)
----- 232.7/232.7 kB 676.2 kB/s eta 0:00:00
Collecting colorama
  Downloading colorama-0.4.5-py2.py3-none-any.whl (16 kB)
Collecting MarkupSafe>=2.0
  Downloading MarkupSafe-2.1.1-cp310-cp310-win_umd64.whl (17 kB)
Installing collected packages: MarkupSafe, itsdangerous, colorama, Werkzeug, Jinja2, click, flask
Successfully installed Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.2.2 click-8.1.3 colorama-0.4.5 flask-2.2.2 itsdangerous-2.1.2

[notice] A new release of pip available: 22.2.2 -> 22.3
[notice] To update, run: python.exe -m pip install --upgrade pip

C:\windows\system32>cd C:\Users\Nivetha\Desktop\spyder\AI

C:\Users\Nivetha\Desktop\spyder\AI>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: 506-476-103
```

## OUTPUT:

