

ASSIGNMENT 1

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QUESTIONS:

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

Note:- Following application contains (Flask , render_template ,url_for, redirect, request)

So both the questions have same answer

Source Code:

App.py

```
from tkinter.tix import Form
from flask import Flask ,render_template,url_for,redirect,request
app = Flask(__name__)
@app.route('/')
def index():
    return render_template("index.html")
@app.route('/success/<name>/<phone>/<email>')
def success(name=None,phone=None,email=None):
    return " <h1>Registered Successfully</h1><h2>Your Details Are:-</h2>  {}
<br>{} <br> {} ".format(name , phone ,email)
# '{} {} {}'.format(firstname, lastname, cellphone)
@app.route("/login",methods =['POST','GET'])
def login():
    if request.method == 'POST':
        user = request.form['name']
        email = request.form['email']
        phone = request.form['phone']
        return redirect(url_for("success", name = user ,phone = phone ,email = email ))
```

else:

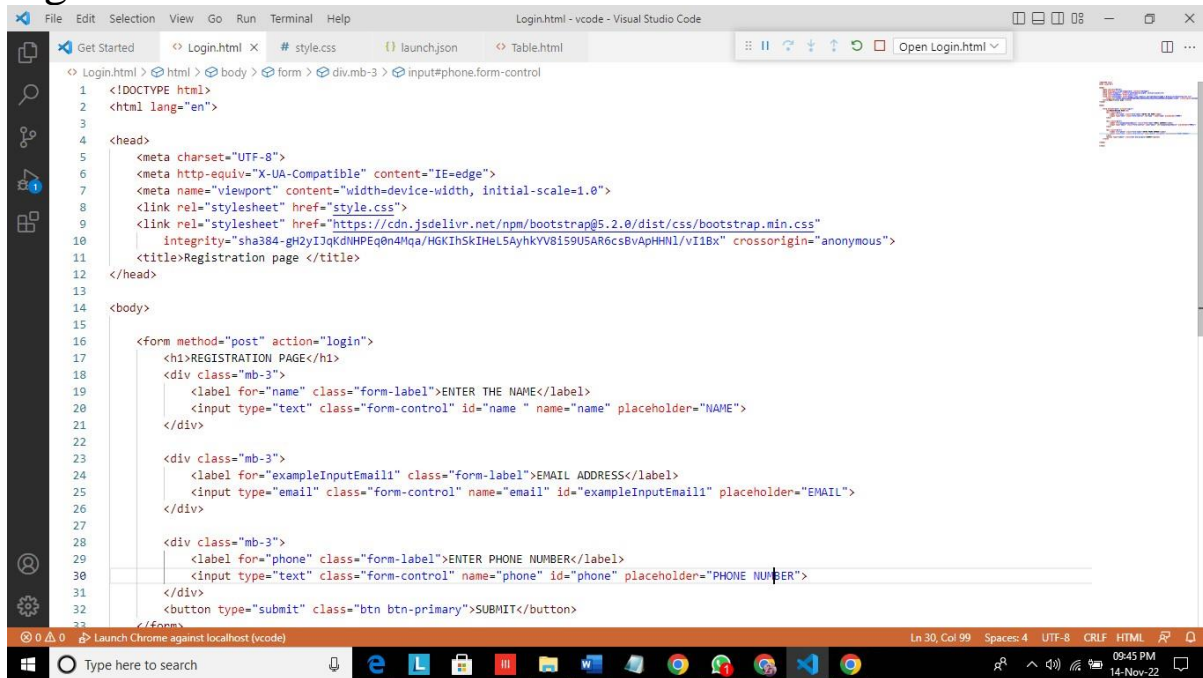
user = request.args.get("input_name")

return redirect(url_for("success",name=user))

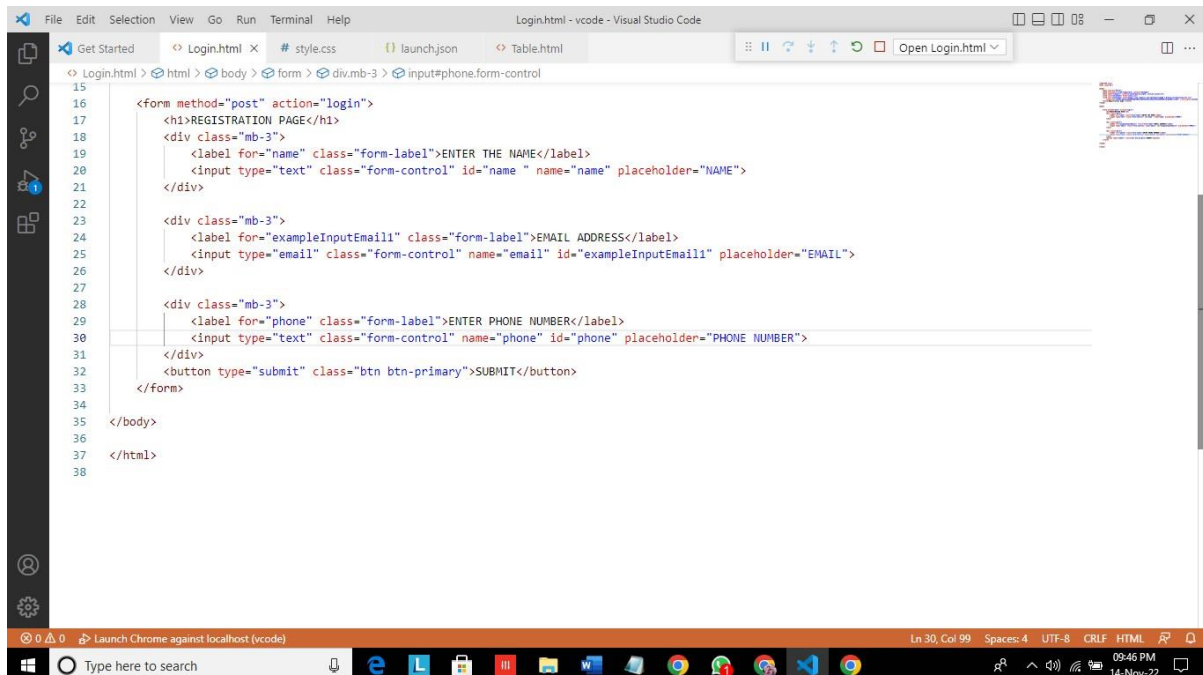
if _name_ == '_main_':

app.run(debug=True)

login.html

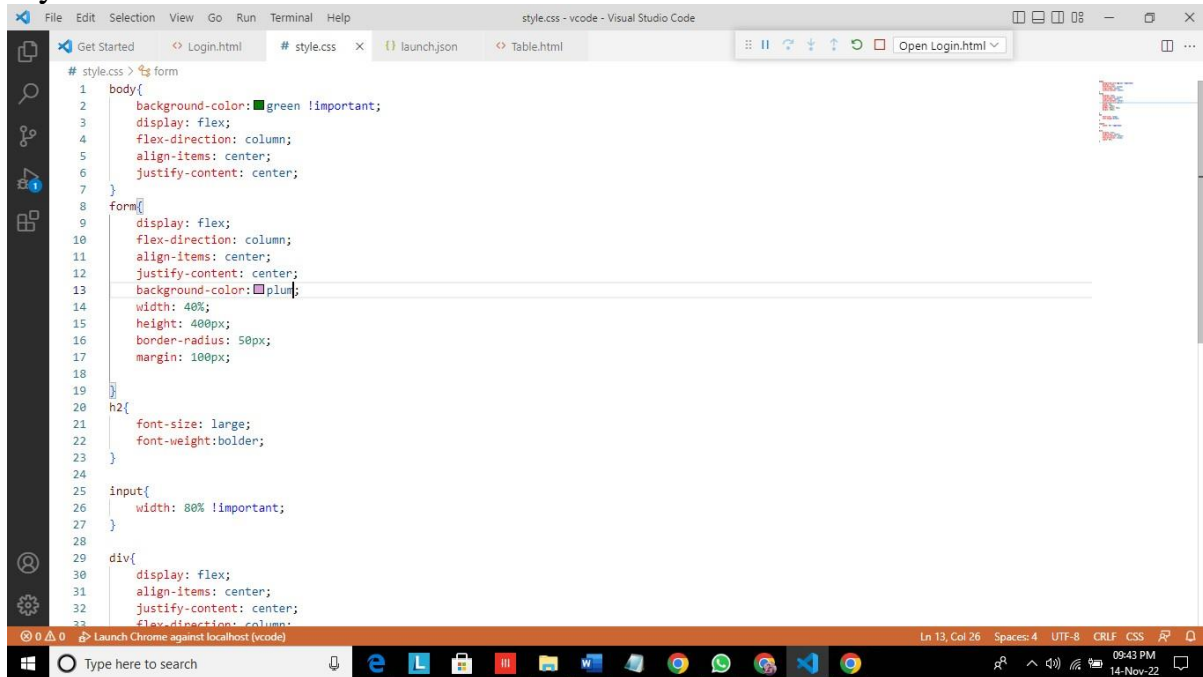


```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta http-equiv="X-UA-Compatible" content="IE=edge">
7   <meta name="viewport" content="width=device-width, initial-scale=1.0">
8   <link rel="stylesheet" href="style.css">
9   <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
10     integrity="sha384-gH2yIqKdNHPQqB4MqQa/HGKIthSkIHeL5AyhkvV8159USAR6csBvApHhN1/vIIBx" crossorigin="anonymous">
11   <title>Registration page </title>
12 </head>
13
14 <body>
15
16   <form method="post" action="login">
17     <h1>REGISTRATION PAGE</h1>
18     <div class="mb-3">
19       <label for="name" class="form-label">ENTER THE NAME</label>
20       <input type="text" class="form-control" id="name" name="name" placeholder="NAME">
21     </div>
22
23     <div class="mb-3">
24       <label for="exampleInputEmail1" class="form-label">EMAIL ADDRESS</label>
25       <input type="email" class="form-control" name="email" id="exampleInputEmail1" placeholder="EMAIL">
26     </div>
27
28     <div class="mb-3">
29       <label for="phone" class="form-label">ENTER PHONE NUMBER</label>
30       <input type="text" class="form-control" name="phone" id="phone" placeholder="PHONE NUMBER">
31     </div>
32     <button type="submit" class="btn btn-primary">SUBMIT</button>
33   </form>
34 </body>
35 </html>
```



```
15
16   <form method="post" action="login">
17     <h1>REGISTRATION PAGE</h1>
18     <div class="mb-3">
19       <label for="name" class="form-label">ENTER THE NAME</label>
20       <input type="text" class="form-control" id="name" name="name" placeholder="NAME">
21     </div>
22
23     <div class="mb-3">
24       <label for="exampleInputEmail1" class="form-label">EMAIL ADDRESS</label>
25       <input type="email" class="form-control" name="email" id="exampleInputEmail1" placeholder="EMAIL">
26     </div>
27
28     <div class="mb-3">
29       <label for="phone" class="form-label">ENTER PHONE NUMBER</label>
30       <input type="text" class="form-control" name="phone" id="phone" placeholder="PHONE NUMBER">
31     </div>
32     <button type="submit" class="btn btn-primary">SUBMIT</button>
33   </form>
34
35 </body>
36
37 </html>
38
```

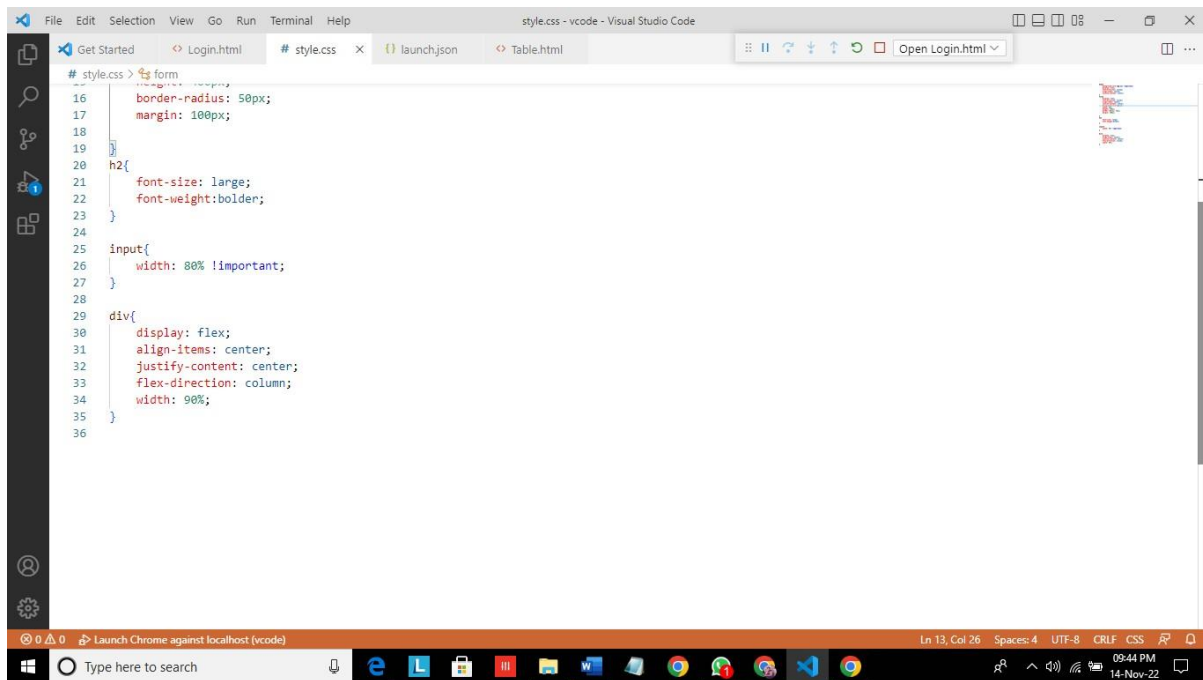
Style.css



This screenshot shows the initial state of the `style.css` file in Visual Studio Code. The code defines styles for a form, a heading, and an input field.

```
# style.css > form
1 body{
2   background-color: green !important;
3   display: flex;
4   flex-direction: column;
5   align-items: center;
6   justify-content: center;
7 }
8 form{
9   display: flex;
10  flex-direction: column;
11  align-items: center;
12  justify-content: center;
13  background-color: plum;
14  width: 40%;
15  height: 400px;
16  border-radius: 50px;
17  margin: 100px;
18 }
19 }
20 h2{
21   font-size: large;
22   font-weight: bold;
23 }
24
25 input{
26   width: 80% !important;
27 }
28
29 div{
30   display: flex;
31   align-items: center;
32   justify-content: center;
```

The status bar at the bottom indicates the cursor is at line 13, column 26. The taskbar shows various application icons and the system clock displays 09:43 PM on 14-Nov-22.

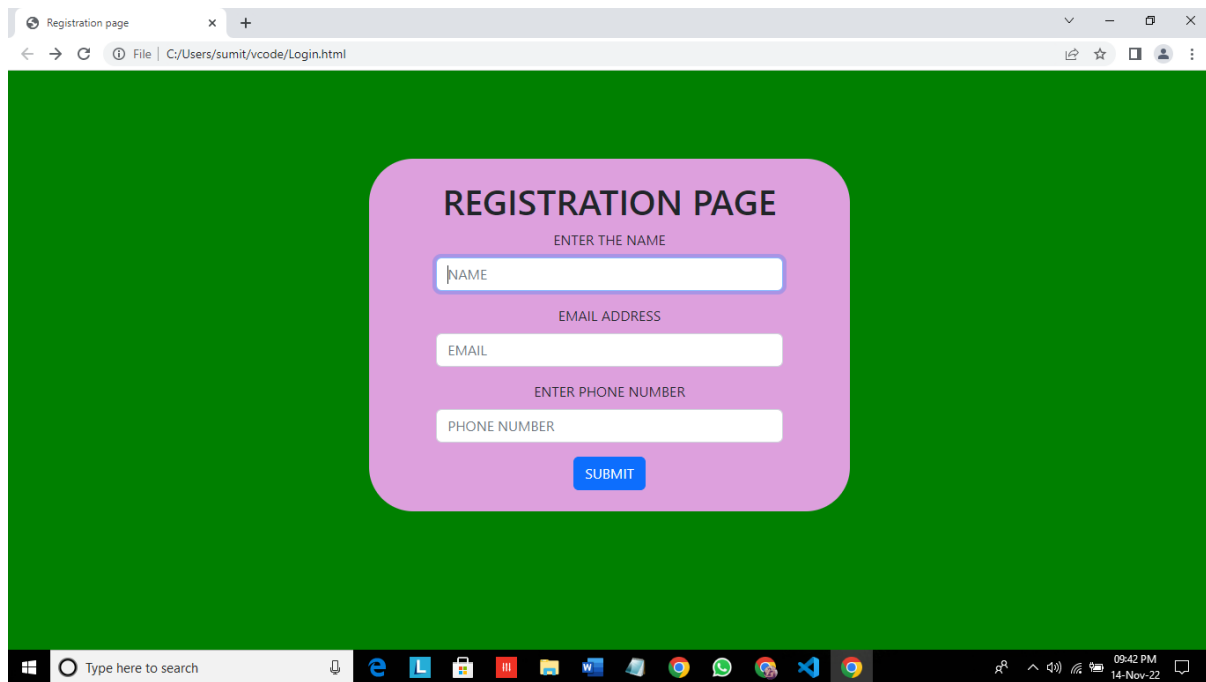


This screenshot shows the `style.css` file after several lines have been added. The code continues from the previous state, adding a flex-direction and width property to the `div` selector.

```
# style.css > form
16   border-radius: 50px;
17   margin: 100px;
18 }
19 }
20 h2{
21   font-size: large;
22   font-weight: bold;
23 }
24
25 input{
26   width: 80% !important;
27 }
28
29 div{
30   display: flex;
31   align-items: center;
32   justify-content: center;
33   flex-direction: column;
34   width: 90%;
35 }
36
```

The status bar at the bottom indicates the cursor is at line 13, column 26. The taskbar shows various application icons and the system clock displays 09:44 PM on 14-Nov-22.

Output:-



The screenshot displays a web browser window with a single tab titled "Registration page". The address bar shows the file path "C:/Users/sumit/vcode/Login.html". The page content is a registration form centered on a solid green background. The form is a light purple rounded rectangle containing the following elements:

- REGISTRATION PAGE**: The main title of the form.
- ENTER THE NAME**: A label above the first input field.
- NAME**: The text inside the first input field.
- EMAIL ADDRESS**: A label above the second input field.
- EMAIL**: The text inside the second input field.
- ENTER PHONE NUMBER**: A label above the third input field.
- PHONE NUMBER**: The text inside the third input field.
- SUBMIT**: A blue button located at the bottom of the form.

The browser's taskbar at the bottom shows the Windows logo, a search bar with the text "Type here to search", and several application icons including Edge, Lync, File Explorer, and various utility programs. The system clock in the bottom right corner indicates the time is 09:42 PM on 14-Nov-22.