

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:

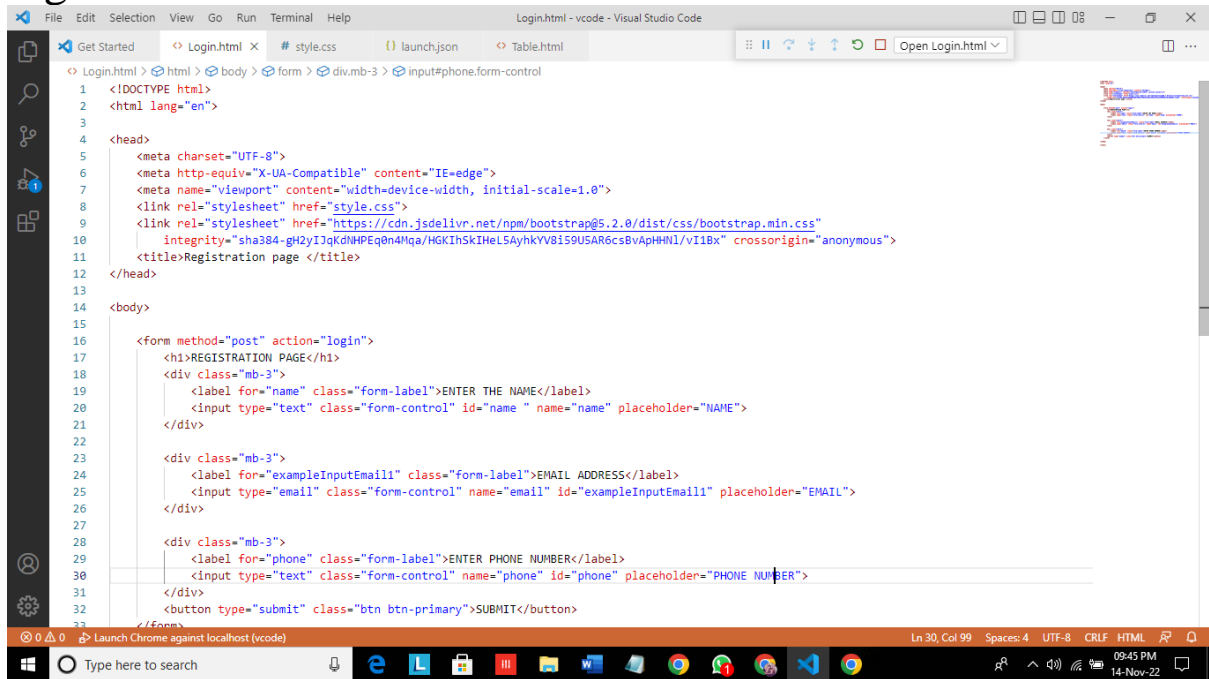
```
user = request.args.get("input_name")
```

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

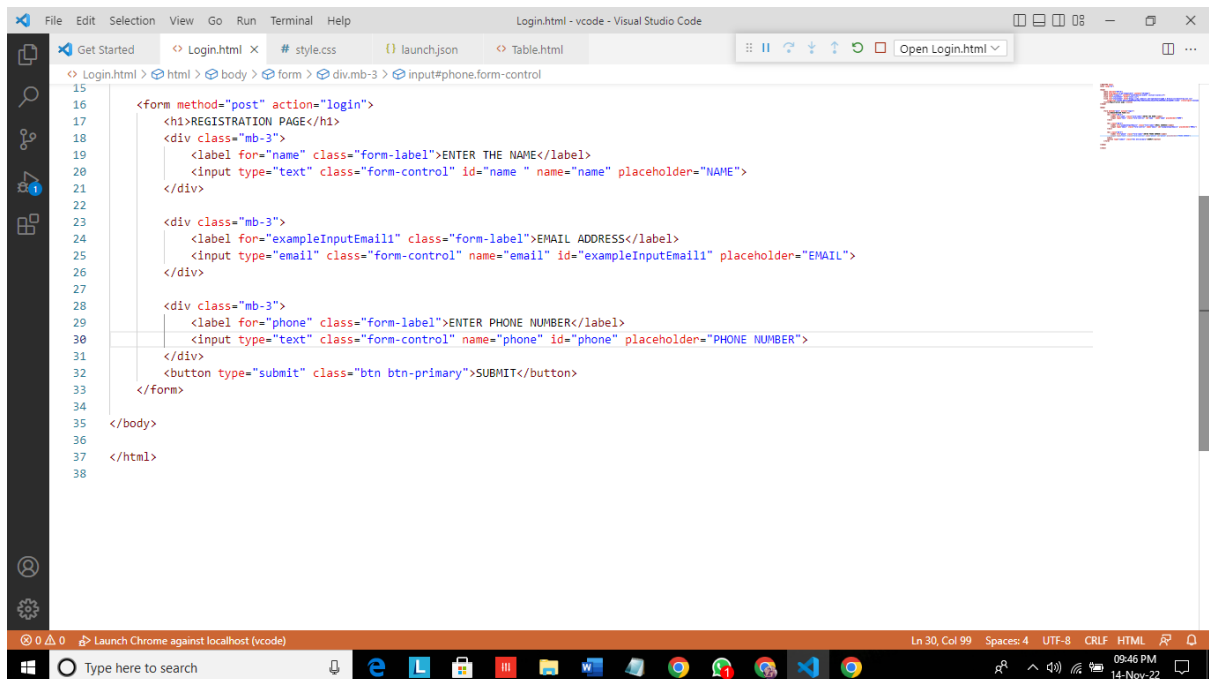
```
if _name_ == '_main_':
```

```
app.run(debug=True)
```

login.html

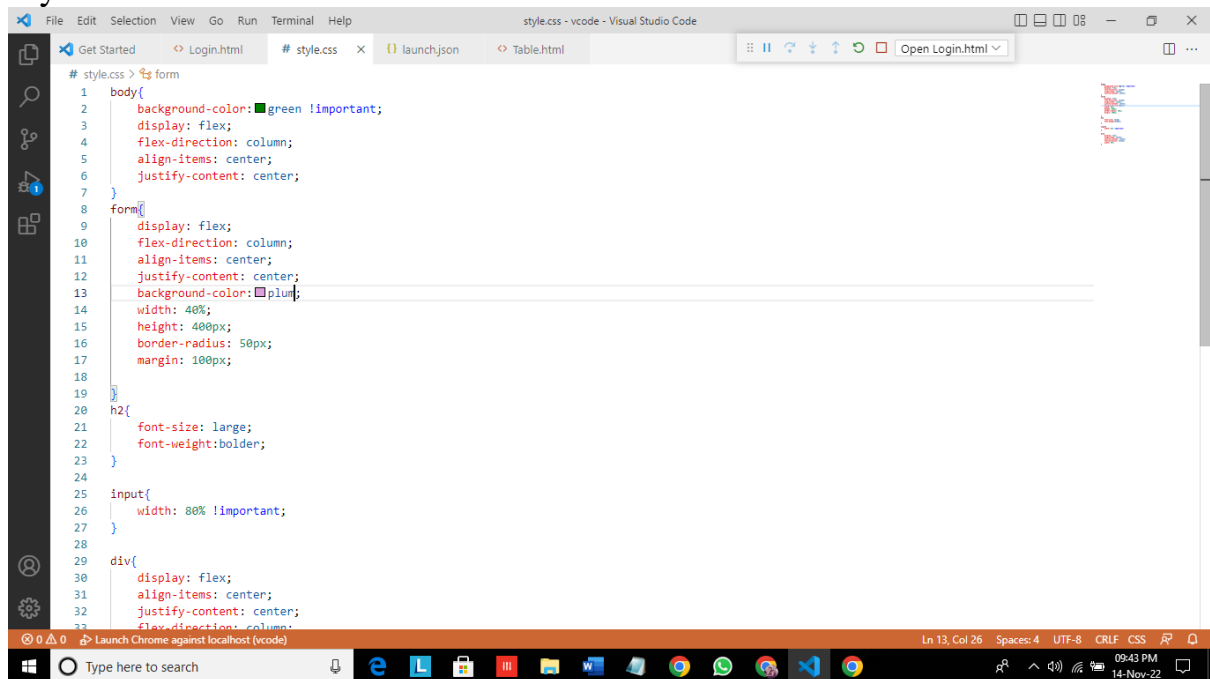


```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta http-equiv="X-UA-Compatible" content="IE=edge">
7   <meta name="viewport" content="width=device-width, initial-scale=1.0">
8   <link rel="stylesheet" href="style.css">
9   <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css"
10     integrity="sha384-gH2yIJqKdNHPEq0n4Mqa/HGKIhSkIHeL5AyhkYV8159UAR6xwApvbnppiV11bx" 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>
```

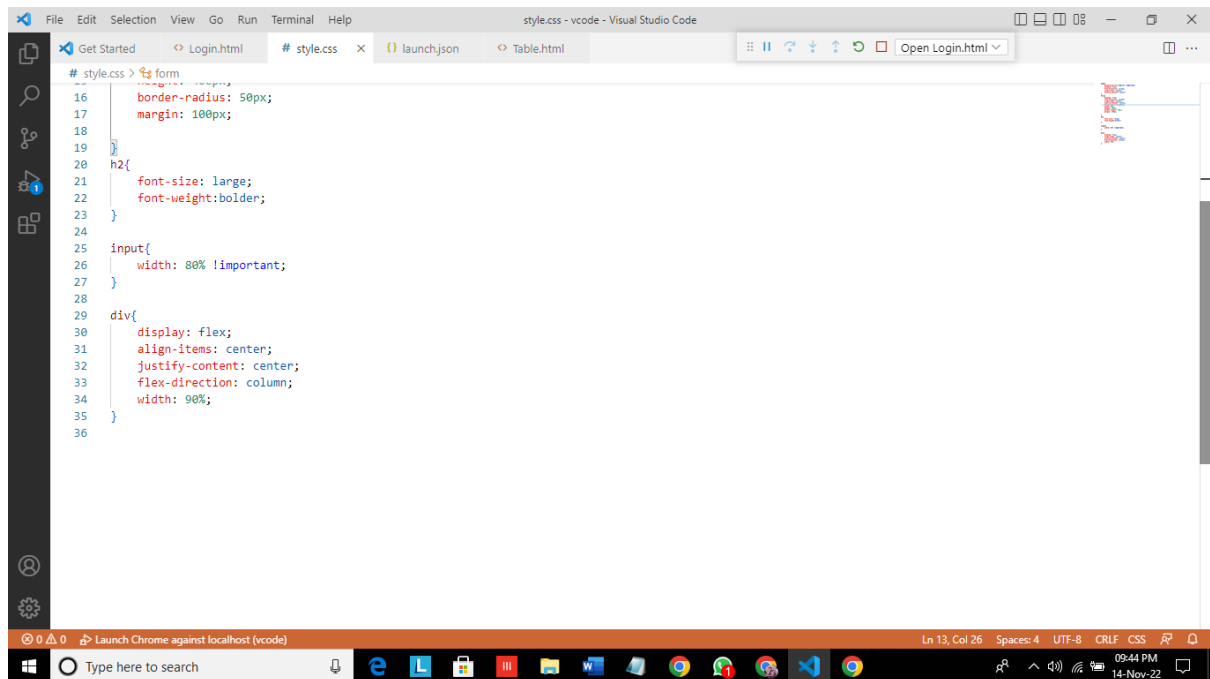


```
15
16 <form method="post" action="login">
17   <h1>REGISTRATION PAGE</h1>
18   <div class="mb-3">
19     <label for="name" class="form-label">ENTER THE NAME</label>
20     <input type="text" class="form-control" id="name" name="name" placeholder="NAME">
21   </div>
22
23   <div class="mb-3">
24     <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

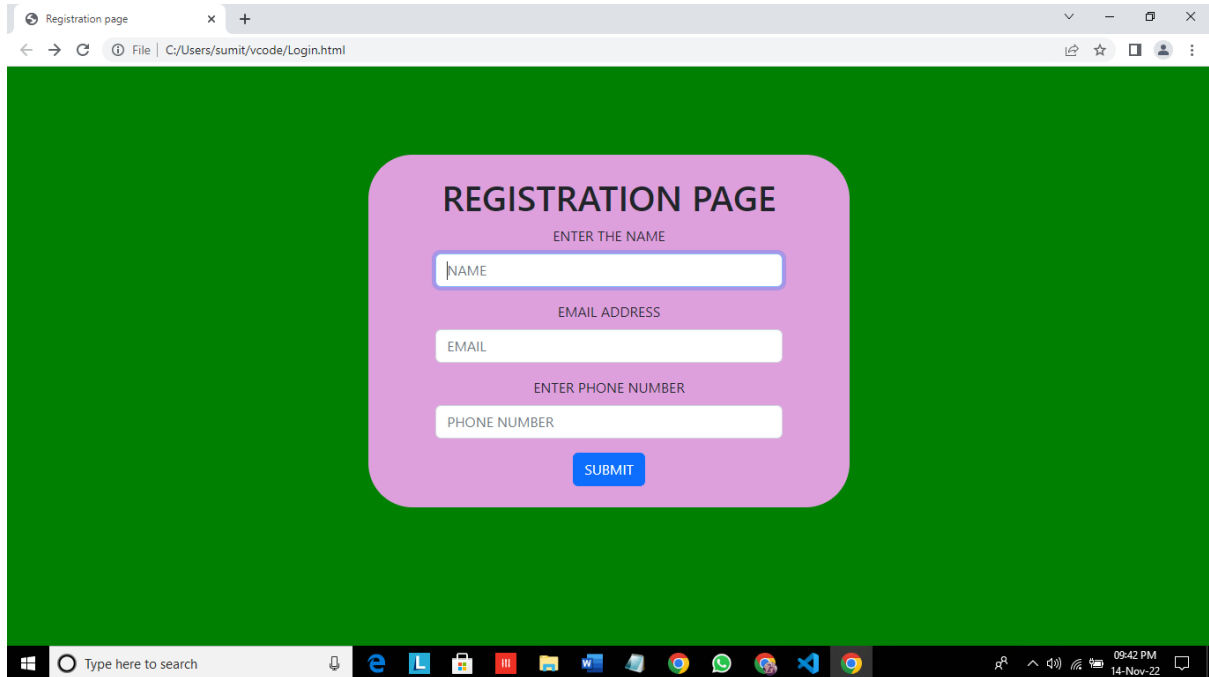


```
# style.css > form
1
2 body{
3   background-color: green !important;
4   display: flex;
5   flex-direction: column;
6   align-items: center;
7   justify-content: center;
8 }
9 form{
10  display: flex;
11  flex-direction: column;
12  align-items: center;
13  justify-content: center;
14  background-color: plum;
15  width: 40%;
16  height: 400px;
17  border-radius: 50px;
18  margin: 100px;
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;
```



```
# 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
```

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 pink rounded rectangle containing the title "REGISTRATION PAGE" in bold black text. Below the title are three input fields, each with a label above it: "ENTER THE NAME" above a field containing "NAME", "EMAIL ADDRESS" above a field containing "EMAIL", and "ENTER PHONE NUMBER" above a field containing "PHONE NUMBER". A blue "SUBMIT" button is positioned at the bottom of the form.

Registration page

File | C:/Users/sumit/vcode/Login.html

REGISTRATION PAGE

ENTER THE NAME

EMAIL ADDRESS

ENTER PHONE NUMBER

SUBMIT

Type here to search

09:42 PM
14-Nov-22