## **Assignment-1**

## Create login page, and navigation between html pages

## login.html

```
<!DOCTYPE html>
<html>
    <head>
        <meta name="viewport" content="width=device-width,initial-scale=1"/>
        <link rel="stylesheet"</pre>
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
        <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></scrip</pre>
       <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></sc</pre>
ript>
        <title>Login Page</title>
    </head>
    <body style="background-color: aliceblue;">
        <nav style="color: blue;background-color: aqua;" class="navbar navbar-</pre>
default">
            <div class="container-fluid">
                <div class="navbar-header">
                   <a class="navbar-brand" href="">Full Stack Demo</a>
               </div>
                <a href="">Home</a>
                   <a href="/">Register</a>
                   <a href="/login">Login</a>
                </div>
            <div class="col-sm-4"></div>
            <div class="container col-md-4">
                <h1>Login Page</h1> <br/>
               <form action="/logindata" method="post">
                   <div class="form-group">
                       <label for="mobile">Mobile No:</label>
                       <input type="text" class="form-control" name="mobile"</pre>
placeholder="Enter Mobile No"/>
                   </div>
                   <div class="form-group">
                       <label for="password">Password:</label>
                       <input type="password" class="form-control"</pre>
name="password" placeholder="Enter password"/>
                   </div>
```

In the login.html ,we define that login page to active.

```
<a href="/login">Login</a>
```

And then, we create a handler "/loginpage" in the "app.py".

#### app.py

```
from flask import Flask,render_template,request,redirect,session
from pymongo import MongoClient
client=MongoClient('127.0.0.1',27017)
db=client['Ammu']
c=db['flaskapp']
app=Flask( name )
app.secret_key='Ammu'
@app.route('/')
def homepage():
    return render_template('index.html')
@app.route('/login')
def loginpage():
    return render_template('login.html')
@app.route('/dashboard')
def dashboardpage():
    owner=session['username']
    return render_template('dashboard.html',owner=owner)
@app.route('/insertnotes')
def insertnotespage():
    return render_template('insertnotes.html')
@app.route('/viewnotes')
def viewnotes():
    c1=db['notes']
    data=[]
    for i in c1.find():
```

```
if i['owner']==session['username']:
            data.append(i['notes'])
    return render template('viewnotes.html',data=data,l=len(data))
@app.route('/formdata',methods=['post'])
def formdata():
    name=request.form['name']
    email=request.form['email']
    mobile=request.form['mobile']
    password=request.form['password']
    print(name,email,mobile,password)
    for i in c.find():
        if i['mobile']==mobile:
           return render template('index.html',err='you have already
registered')
    k={}
    k['name']=name
    k['email']=email
    k['mobile']=mobile
    k['password']=password
    c.insert_one(k)
    return render_template('index.html',res='you have registered
successfully')
@app.route('/logindata', methods=['post'])
def logindata():
    mobile=request.form['mobile']
    password=request.form['password']
    print(mobile,password)
    for i in c.find():
        if i['mobile']==mobile and i['password']==password:
            session['username']=mobile
            return redirect('/dashboard')
           # return render_template('login.html',res1='valid credentials')
    return render_template('login.html',err1='invalid credentials')
@app.route('/logout')
def logout():
    session['username']=None
    return redirect('/')
@app.route('/insertnotesdata', methods=['post'])
def insertnotesdata():
    notes=request.form['notes']
    owner=session['username']
    print(notes,owner)
    c1=db['notes']
    k={}
   k['owner']=owner
```

```
k['notes']=notes
c1.insert_one(k)

return render_template('insertnotes.html',res2='Notes saved')

if __name__=="__main__":
    app.run(host='0.0.0.0',port=5001,debug=True)
```

### **Output:**

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

PS D:\s_internship\register page-save> & C:/Users/ammu4/AppData/Local/Programs/Python/Python311/python.exe "d:/s_i * 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 inst * Running on all addresses (0.0.0.0)

* Running on http://127.0.0.1:5001

* Running on http://192.168.145.67:5001

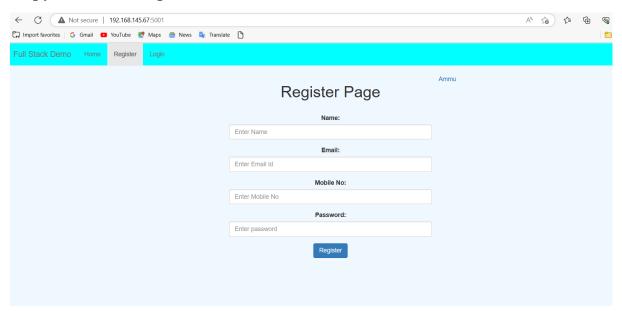
Press CTRL+C to quit

* Restarting with stat

* Debugger is active!

* Debugger PIN: 124-491-721
```

# Copy the link and paste it on the browser.



Here, by default register page was opened, when we click on the login, it navigates to the login page

