

## Assignment-4

### Create a dashboard page upon a successful login

#### login.html

```
<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width,initial-
scale=1"/>
    <link rel="stylesheet"
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.j
s"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.mi
n.js"></script>
    <title>Login Page</title>
  </head>
  <body style="background-color: aliceblue;">
    <nav style="color: blue;background-color: aqua;"
class="navbar navbar-default">
      <div class="container-fluid">
        <div class="navbar-header">
          <a class="navbar-brand" href="">Full Stack
Demo</a>
        </div>
        <ul class="nav navbar-nav">
          <li><a href="">Home</a></li>
          <li><a href="/">Register</a></li>
          <li class="active"><a
href="/login">Login</a></li>
        </ul>
      </div>
    </nav>
    <center>
      <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" placeholder="Enter Mobile No"/>
          </div>
          <div class="form-group">
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        <label for="password">Password:</label>
        <input type="password" class="form-control"
name="password" placeholder="Enter password"/>
    </div>
    <div class="form-group">
        <button class="btn btn-primary"
type="submit">Login</button>
    </div>
</form>
<span style="color:red">{{err1}}</span>
<span style="color:green">{{res1}}</span>
</div>

<div class="col-sm-4"></div>
</center>
<a href="https://www.Ammu.com">Ammu</a>

</body>
</html>

```

Dashboard.html

```

<!DOCTYPE html>
<html>
    <head>
        <meta name="viewport" content="width=device-width,initial-scale=1"/>
        <link rel="stylesheet"
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
t>
        <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></sc
ript>
        <title>Dashboard Page</title>
    </head>
    <body style="background-color: aliceblue;">
        <nav style="color: blue;background-color: aqua;" class="navbar navbar-
default">
            <div class="container-fluid">
                <div class="navbar-header">
                    <a class="navbar-brand" href="">Full Stack Demo</a>
                </div>
                <ul class="nav navbar-nav">
                    <li class="active"><a href="/dashboard">Home</a></li>
                    <li><a href="/insertnotes">Insert notes</a></li>
                    <li><a href="/viewnotes">view notes</a></li>
                    <li><a href="/logout">Logout</a></li>
                </ul>
            </div>

```

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        </nav>
        <div class="container">
            <marquee><h2> Welcome to my notes Manager</h2></marquee>
            <h3> Hello {owner}</h3>
        </div>
    </body>
</html>

```

### 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():

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        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)

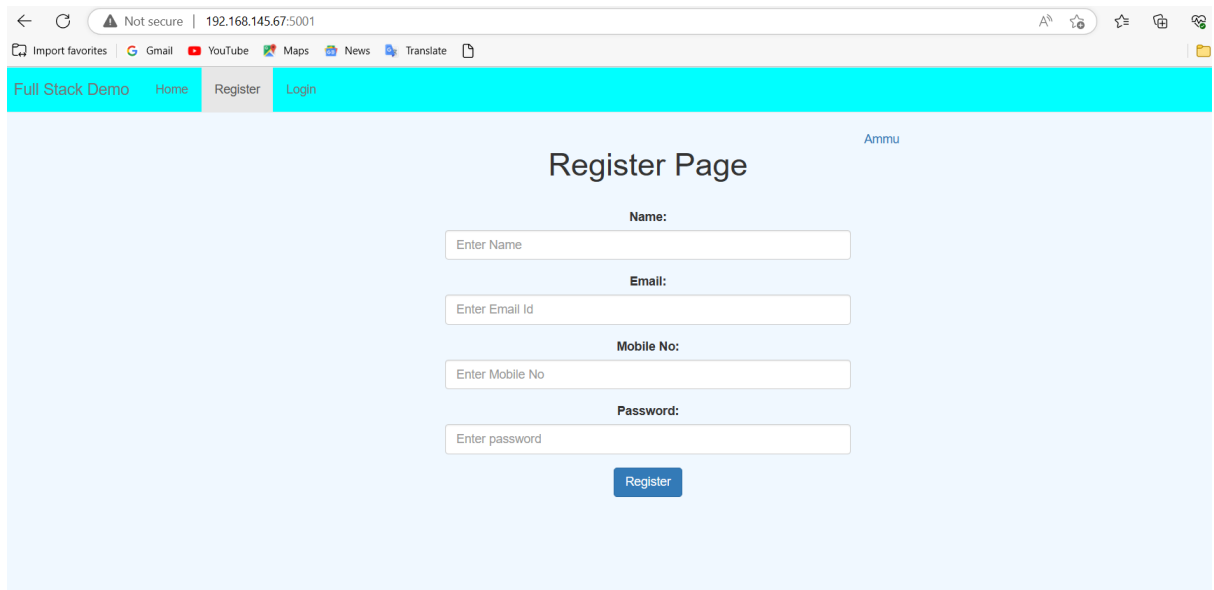
```

**Output:**

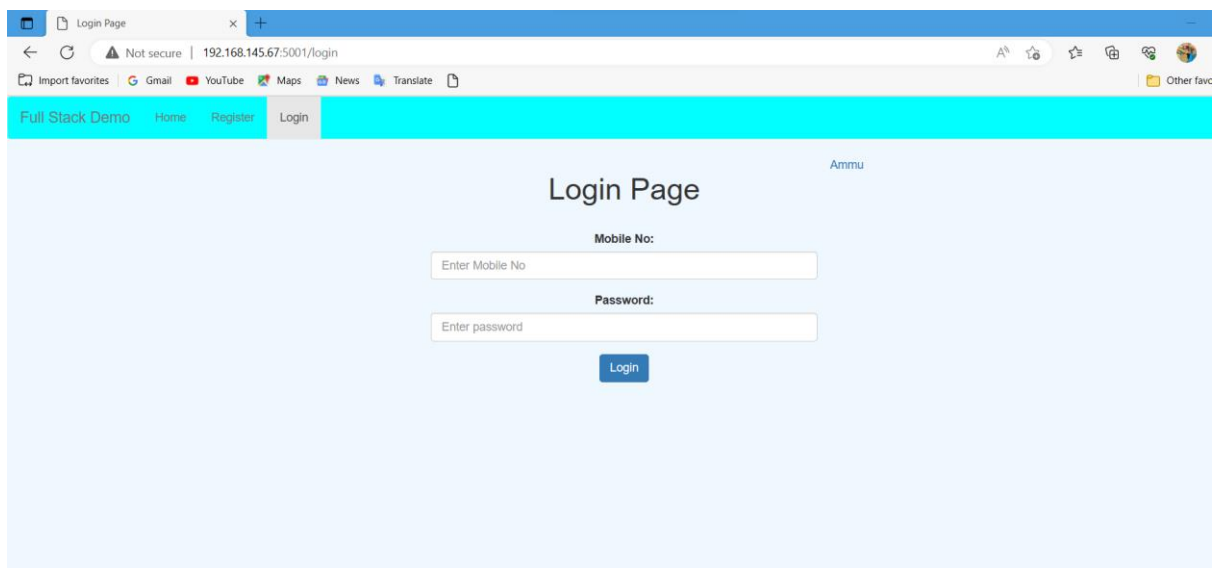
```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

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
█
```

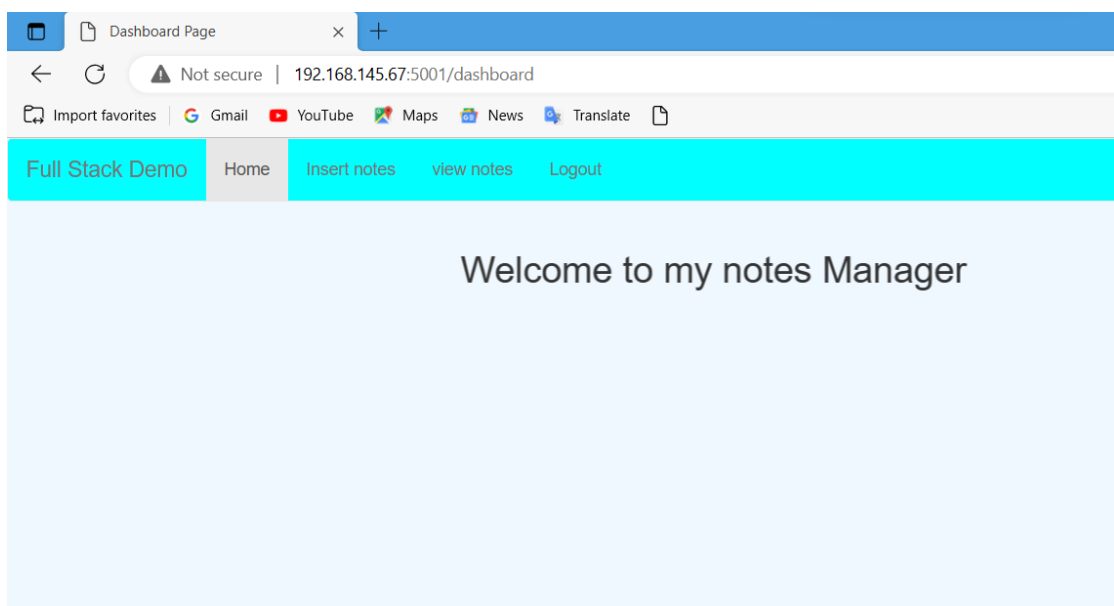
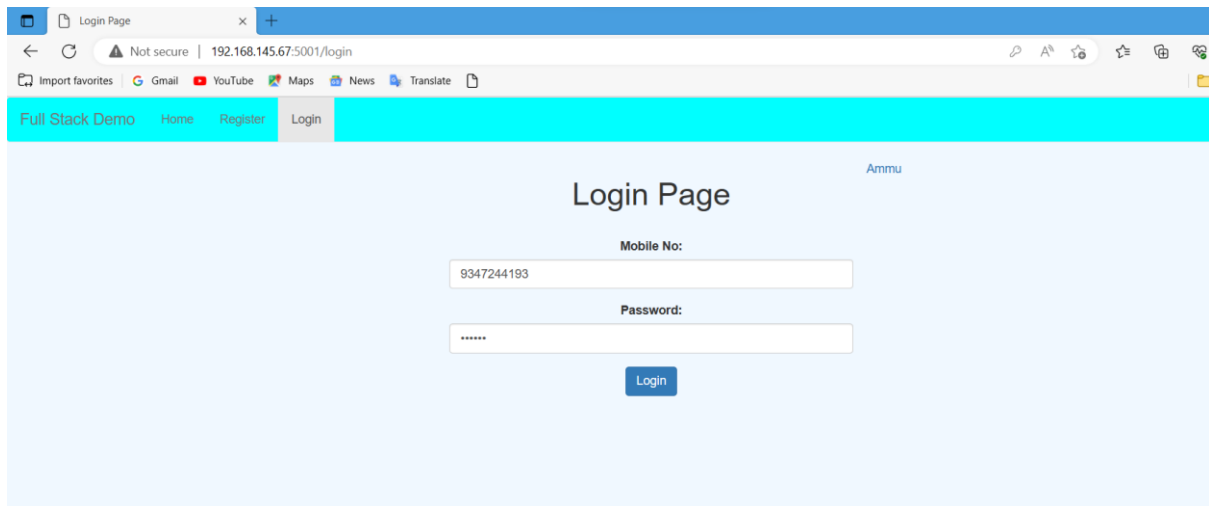
**Copy the link and paste it on the browser.**



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



**Now, enter the registered mobile.no,password and click on the login**



**If the login details are correct ,then it navigates to the “dashboard” page**

**If the login details are incorrect,then it displays that “invalid credentials”**

