## **Assignment-2**

### verify the login through postman

### login.html

```
<!DOCTYPE html>
<html>
    <head>
        <meta name="viewport" content="width=device-width,initial-</pre>
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.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;"</pre>
class="navbar navbar-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</pre>
href="/login">Login</a>
               </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"</pre>
name="mobile" 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>
                     <div class="form-group">
                         <button class="btn btn-primary"</pre>
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>
```

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)
```

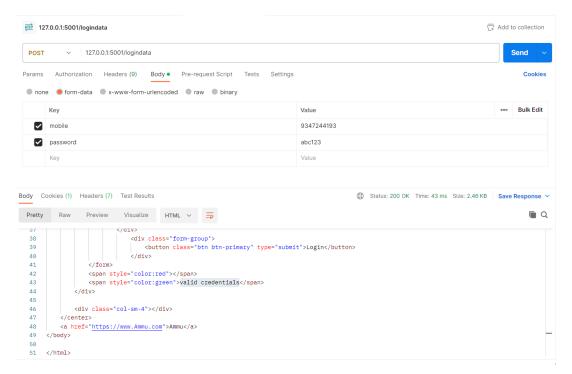
### **Output:**

```
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 postman tool app,and select the post method and enter mobil,password...click on send button..

It shows that "valid credentials"



# If the login details are incorrect, then it displays that "invalid credentials"

