Assignment-5

Create insertnotes page backend

Insertnotes.html

```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><a href="/dashboard">Home</a></li>
                    <li class="active"><a href="/insertnotes">Insert
notes</a></li>
                    <li><a href="/viewnotes">view notes</a></li>
                    <li><a href="/logout">Logout</a></li>
                </ul>
            </div>
        </nav>
        <div class="col-sm-2"></div>

        <div class="container col-sm-6">
            <form action="/insertnotesdata" method="post">
                <div class="form-group">
                    <label>Enter the notes</label><br/>
                    <textarea rows="10" cols="100" name="notes"></textarea>
                </div>
                <button type="submit"class="btn btn-warning">Insert
notes</button>
            </form>
            <span style="color: blue">{{res2}}</span>
```

```
            </div>
        </body>
</html>
```

login.html

```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>
```

```html
                    <div class="form-group">
                        <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>
```

app.py

```python
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():
```

```python
        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)
```
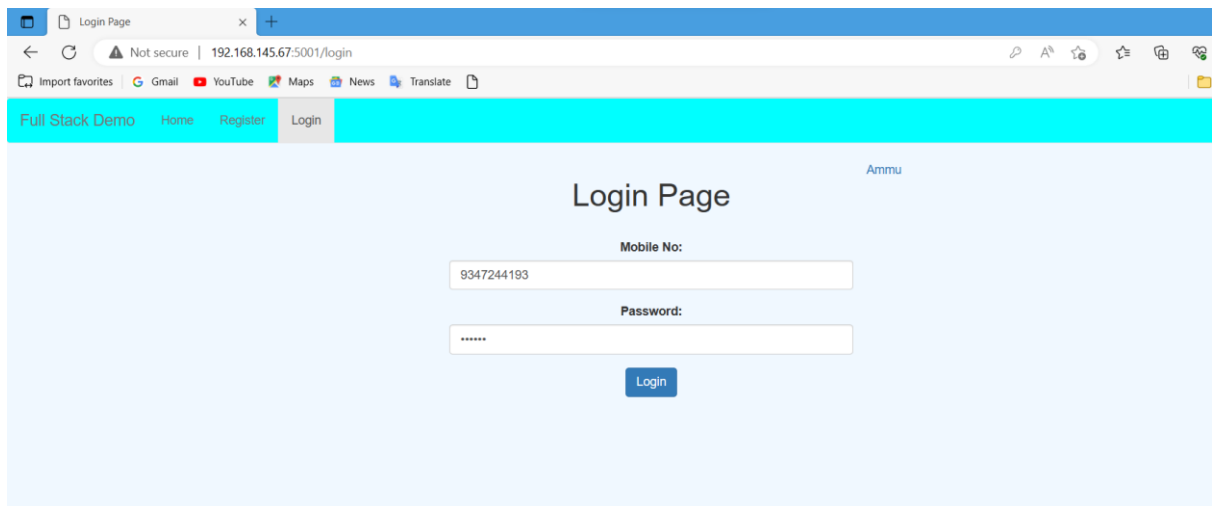
Output:

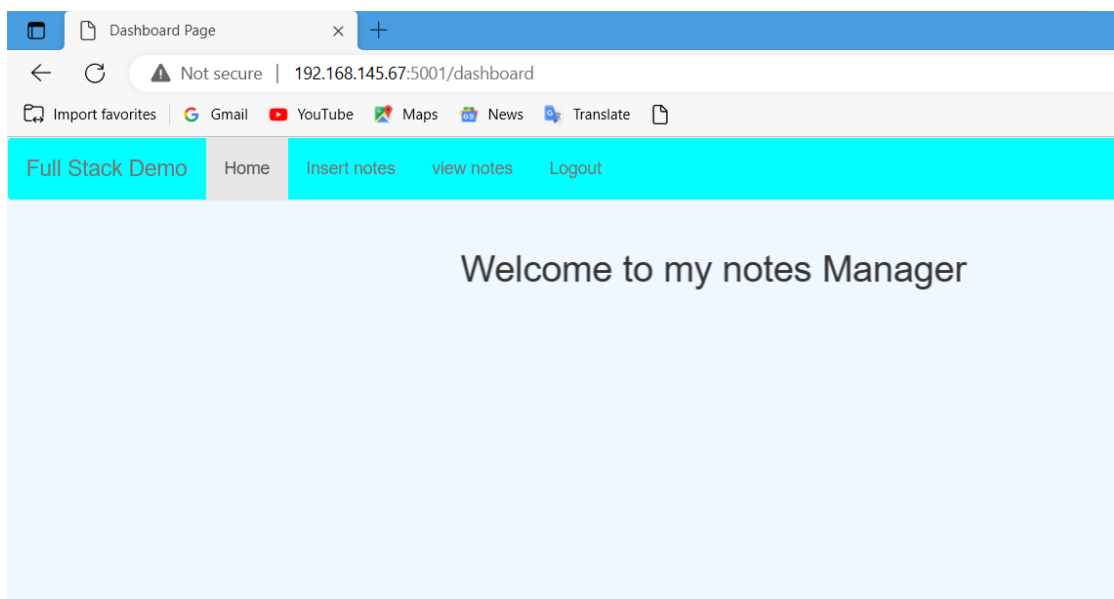**Copy the link and paste it on the browser.**

Here,by default register page was opened ,when we click on the login,it navigates to the login page
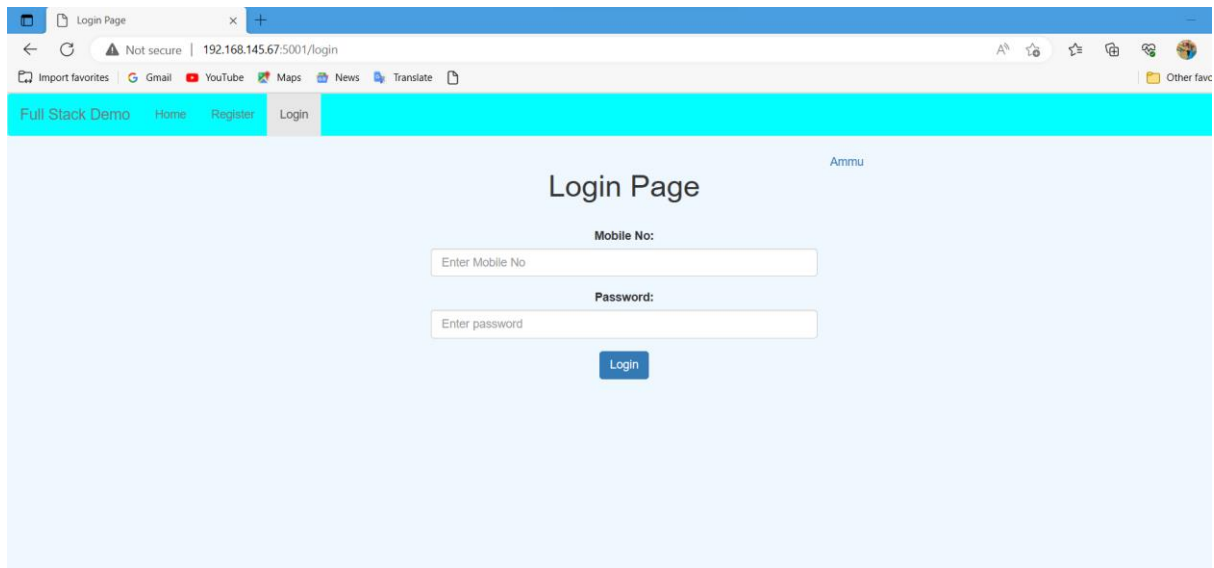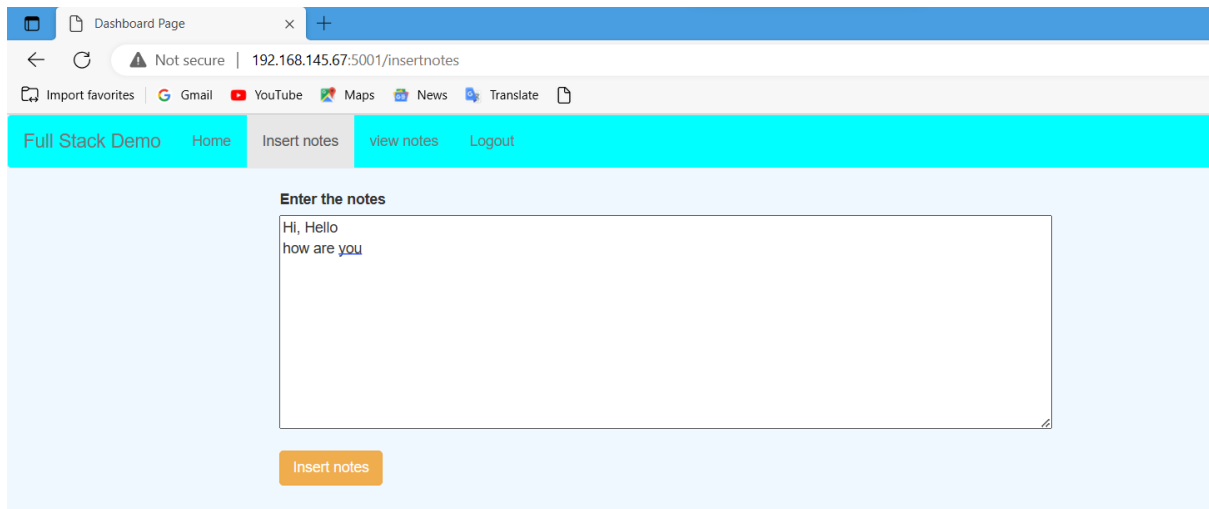
Now, enter the registered mobile.no,password and click on the login

If the login details are correct ,then it navigates to the "dashboard" page

Now,click on the insertnotes option
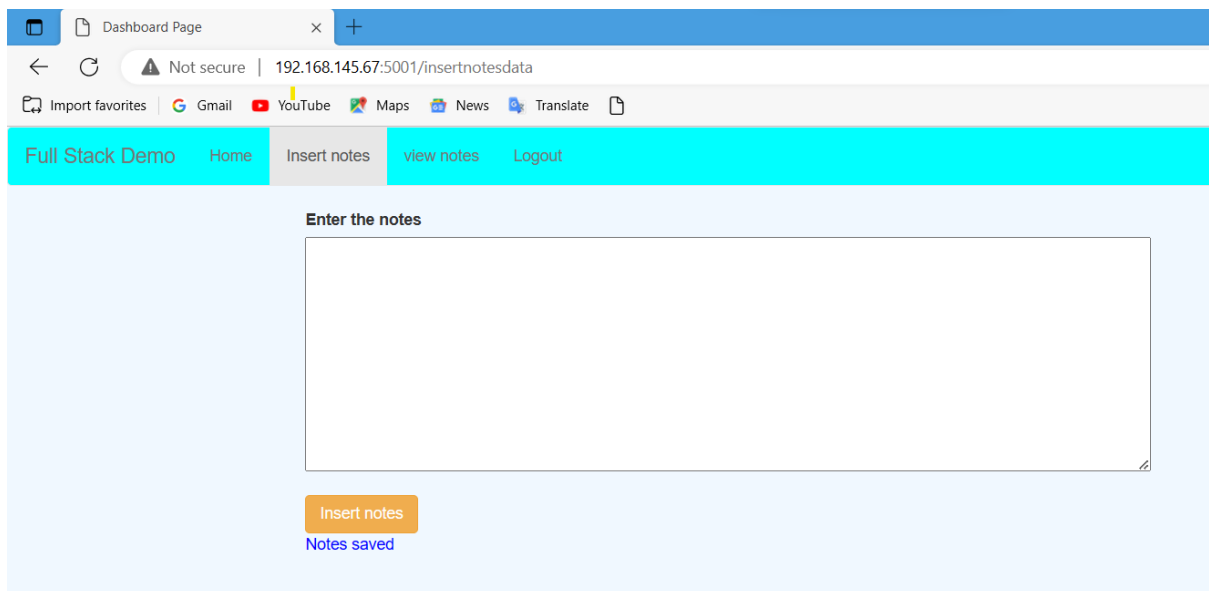
Enter the notes ,and click on insertnotes button.It shows that "notes saved".
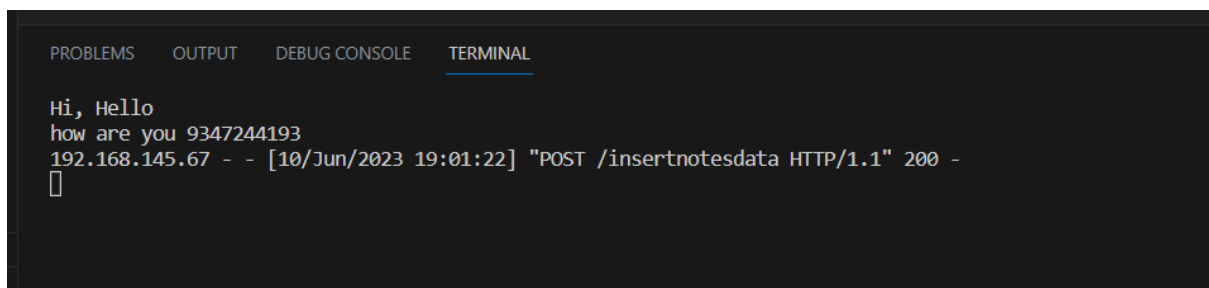
At the server side, it shows that what data has been inserted and owner of the data