

## Assignment-7

### View notes in the front end

#### Viewnotes.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>view Notes 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><a href="/insertnotes">Insert notes</a></li>
          <li class="active"><a href="/viewnotes">view
notes</a></li>
          <li><a href="/logout">Logout</a></li>
        </ul>
      </div>
    </nav>
    <div class="container">
      <table class="table table-bordered">
        <tr>
          <th>S.no</th>
          <th>Notes</th>
        </tr>
        {%for i in range(1)%}
          <tr>
            <td> {{i+1}}</td>
            <td> {{data[i]}}</td>
          </tr>
        {%endfor%}
      </table>
```

```

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

```

## Insertnotes.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

```

<!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">
            <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

```

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.

Full Stack Demo Home Register Login

Register Page

Name:

Enter Name

Email:

Enter Email Id

Mobile No:

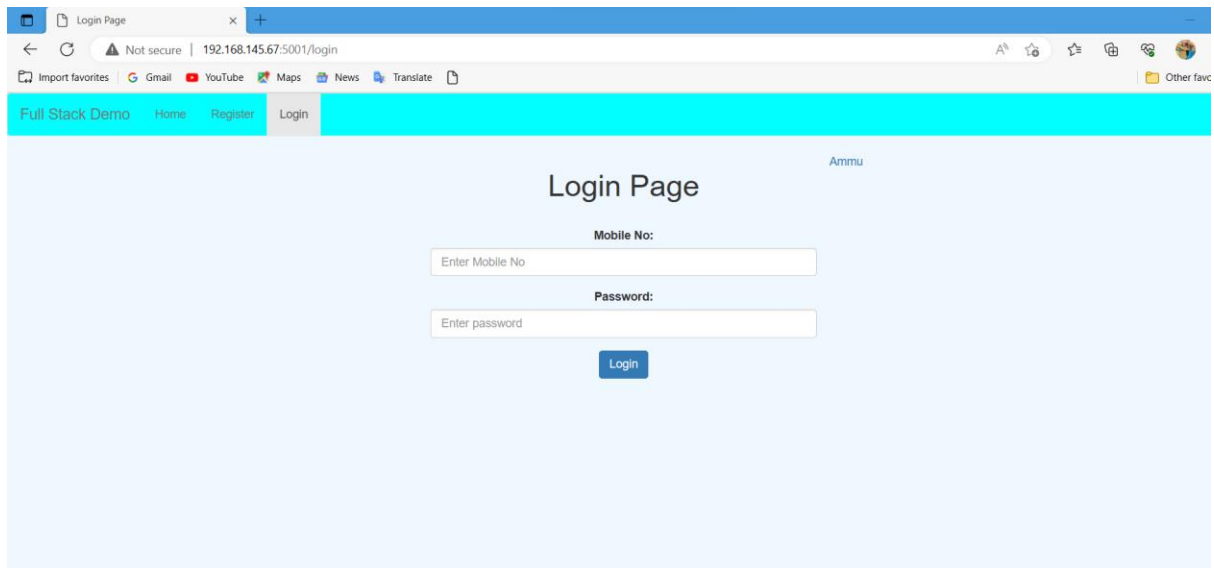
Enter Mobile No

Password:

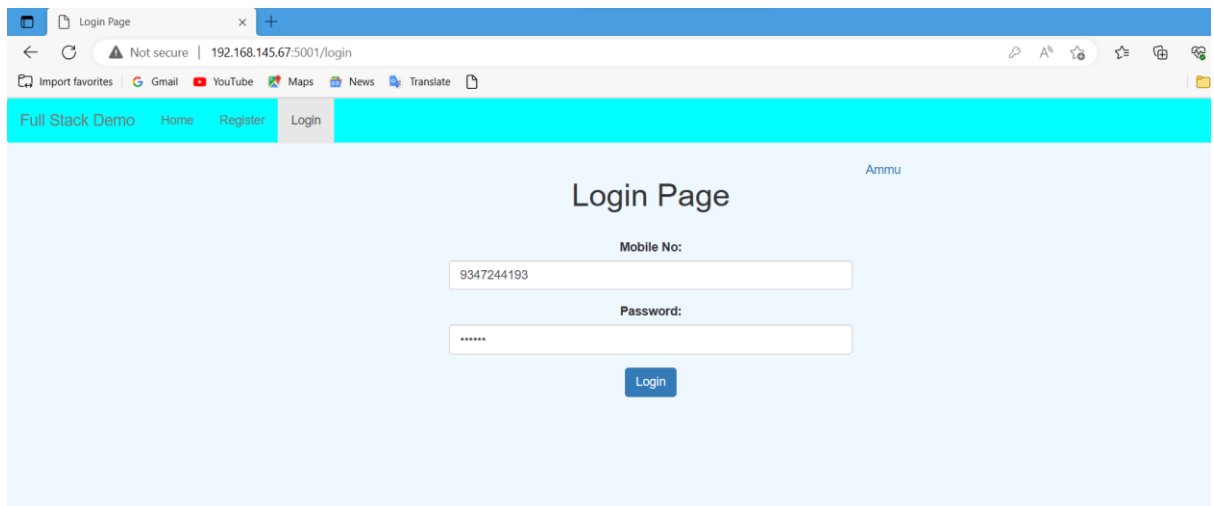
Enter password

Register

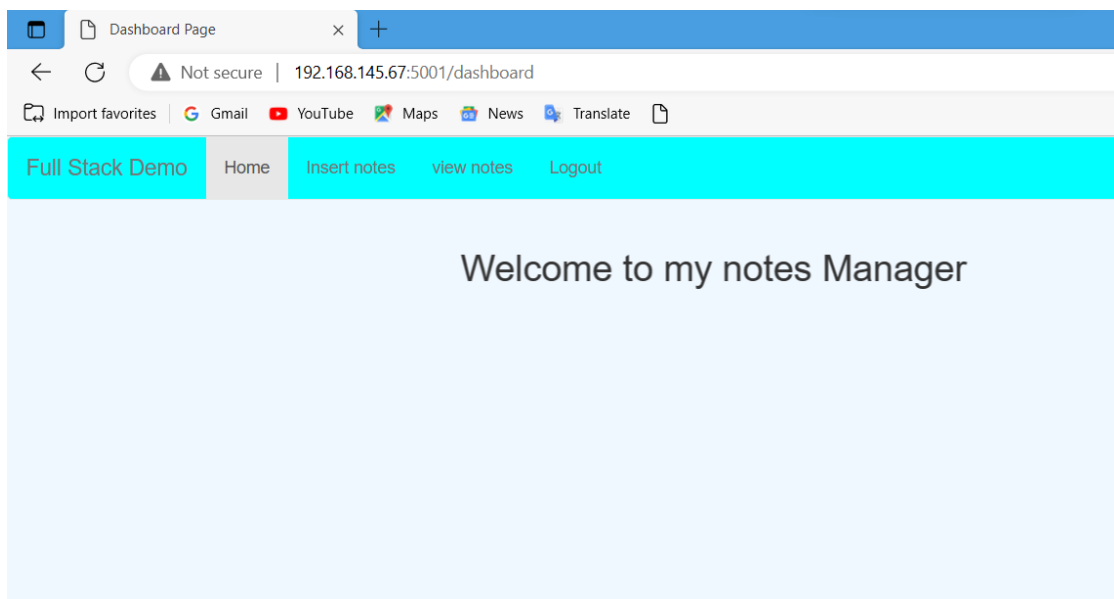
Here,by default register page was opened ,when we click on the login,it navigates to the login page



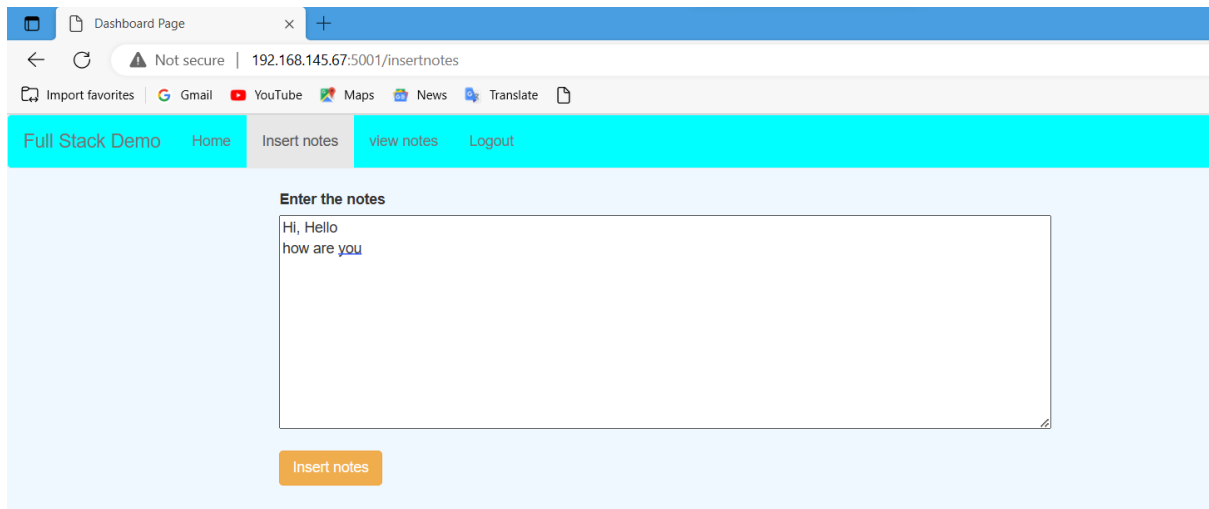
**Now, enter the registered mobile.no,password and click on the login**



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

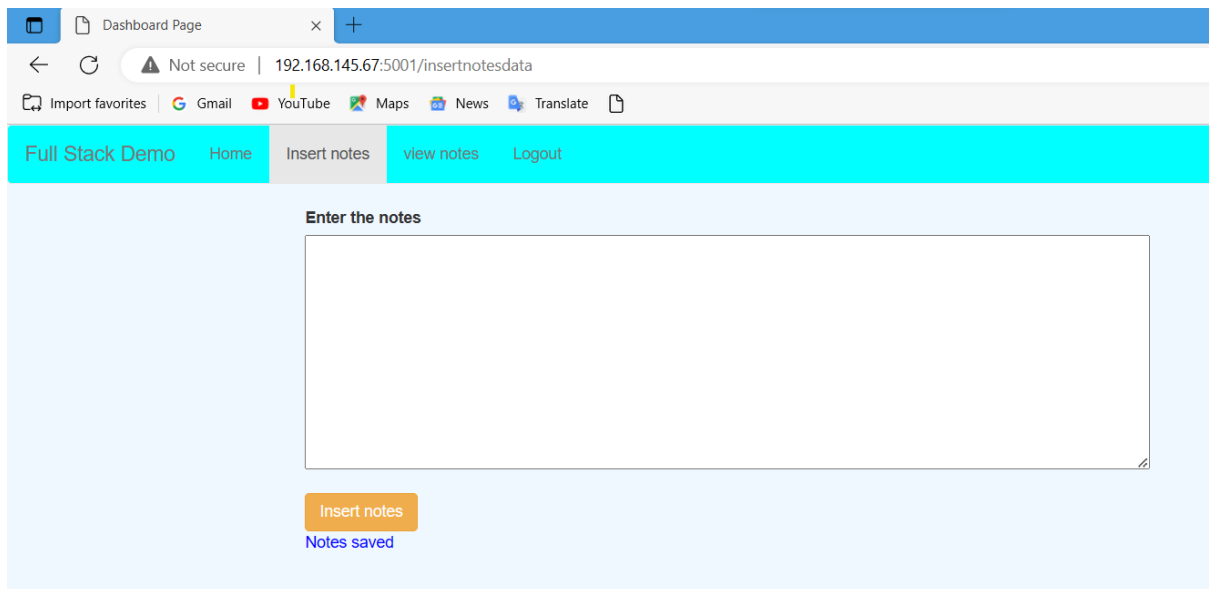


Now,click on the insertnotes option



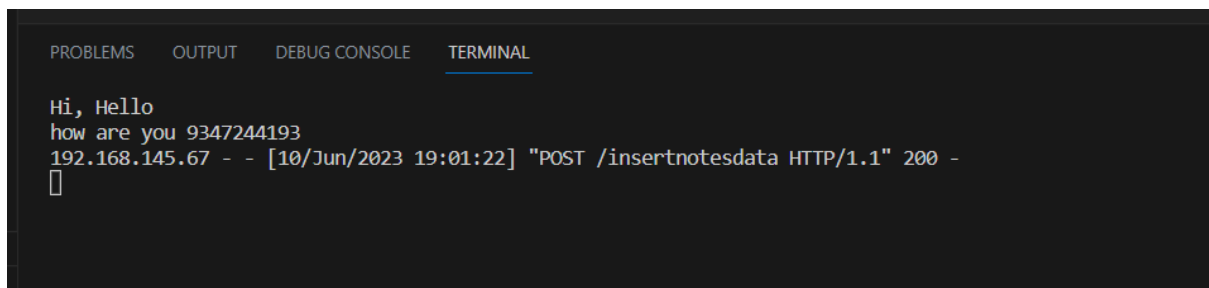
The screenshot shows a web browser window with the address bar displaying '192.168.145.67:5001/insertnotes'. The browser's address bar also shows 'Not secure'. The page has a navigation bar with 'Full Stack Demo', 'Home', 'Insert notes', 'view notes', and 'Logout'. The 'Insert notes' option is selected. The main content area has a heading 'Enter the notes' and a text input field containing the text 'Hi, Hello' and 'how are you'. Below the input field is an orange button labeled 'Insert notes'.

Enter the notes ,and click on insertnotes button.It shows that “notes saved”.



The screenshot shows the same web browser window, but the address bar now displays '192.168.145.67:5001/insertnotesdata'. The navigation bar is the same. The 'Insert notes' option is still selected. The main content area has the heading 'Enter the notes' and an empty text input field. Below the input field is an orange button labeled 'Insert notes'. Below the button, the text 'Notes saved' is displayed in blue.

At the server side, it shows that what data has been inserted and owner of the data

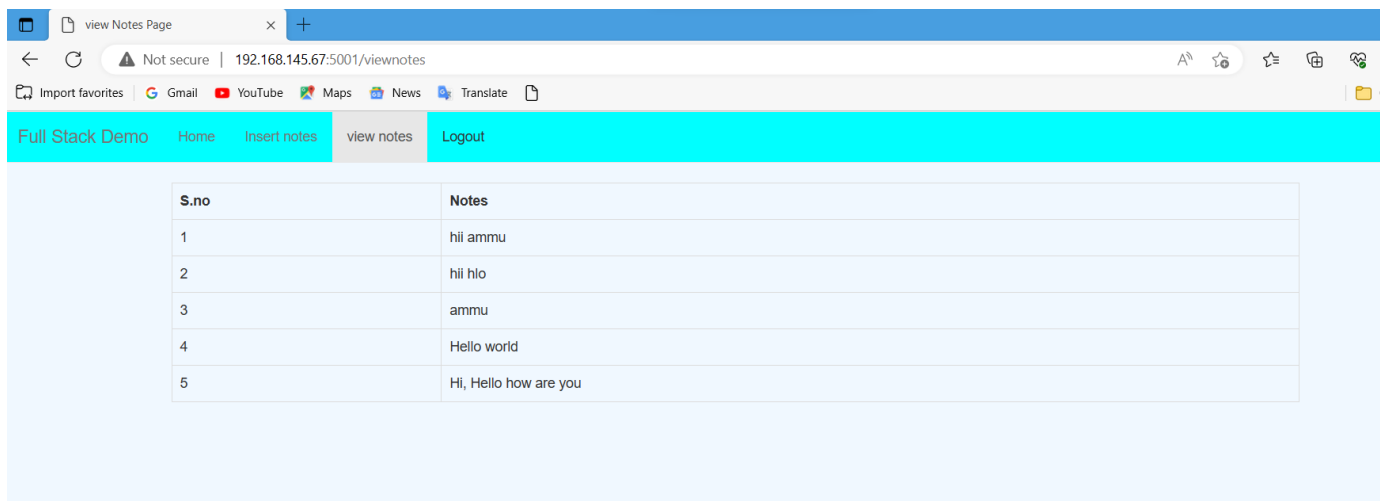


The screenshot shows a terminal window with the following output:

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  
  
Hi, Hello  
how are you 9347244193  
192.168.145.67 - - [10/Jun/2023 19:01:22] "POST /insertnotesdata HTTP/1.1" 200 -  
[]
```



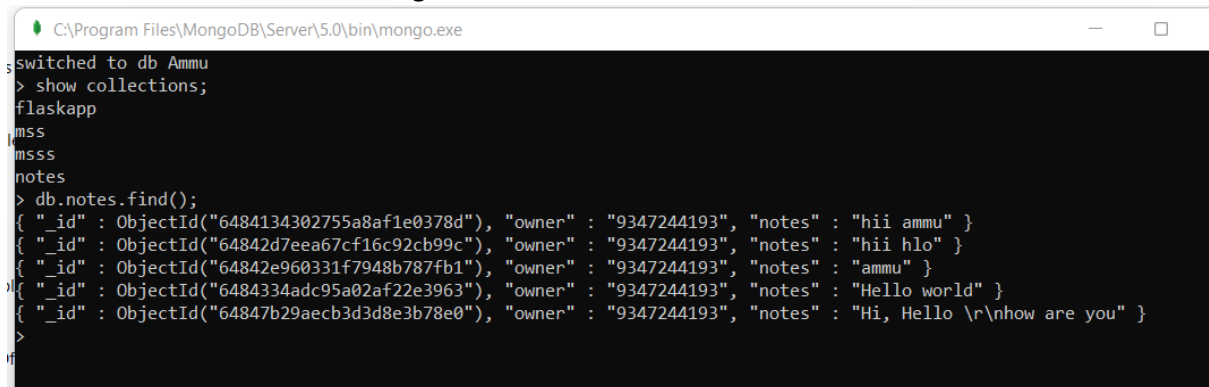
Now,click on view notes option...it displays the notes



The screenshot shows a web browser window with the address bar displaying '192.168.145.67:5001/viewnotes'. The browser's navigation bar includes links for 'Full Stack Demo', 'Home', 'Insert notes', 'view notes' (which is highlighted), and 'Logout'. Below the navigation bar, there is a table with two columns: 'S.no' and 'Notes'. The table contains five rows of data.

S.no	Notes
1	hii ammu
2	hii hlo
3	ammu
4	Hello world
5	Hi, Hello how are you

And also the data is stored in mongodb



The screenshot shows a MongoDB command prompt window with the title 'C:\Program Files\MongoDB\Server\5.0\bin\mongo.exe'. The prompt shows the user has switched to the 'db Ammu' database and executed the command 'show collections;', which returned 'flaskapp', 'mss', 'msss', and 'notes'. The user then executed 'db.notes.find();', which returned a JSON array of five documents, each containing an '\_id', an 'owner' (all '9347244193'), and a 'notes' field with the values from the web application table.

```
C:\Program Files\MongoDB\Server\5.0\bin\mongo.exe
switched to db Ammu
> show collections;
flaskapp
mss
msss
notes
> db.notes.find();
[ { "_id" : ObjectId("6484134302755a8af1e0378d"), "owner" : "9347244193", "notes" : "hii ammu" },
  { "_id" : ObjectId("64842d7eea67cf16c92cb99c"), "owner" : "9347244193", "notes" : "hii hlo" },
  { "_id" : ObjectId("64842e960331f7948b787fb1"), "owner" : "9347244193", "notes" : "ammu" },
  { "_id" : ObjectId("6484334adc95a02af22e3963"), "owner" : "9347244193", "notes" : "Hello world" },
  { "_id" : ObjectId("64847b29aecb3d3d8e3b78e0"), "owner" : "9347244193", "notes" : "Hi, Hello \r\nhow are you" } ]
>
```