

Assignment - II

Assignment2.py

```
import ibm_db

dictionary={}

def printTableData(conn):

    sql = "SELECT * FROM userdetails"
    out = ibm_db.exec_immediate(conn, sql)
    document = ibm_db.fetch_assoc(out)
    while document != False:

        dictionary.update({ document['USERNAME']:document['PASSWORD']})
        document = ibm_db.fetch_assoc(out)

def insertTableData(conn,rollno,username,email,password):

    sql="INSERT INTO userdetails(rollno,username,email,password) VALUES
    ({},'{'','{'','{'})".format(rollno,username,email,password)

    out = ibm_db.exec_immediate(conn,sql)

    print('Number of affected rows : ',ibm_db.num_rows(out),"\\n")


def updateTableData(conn,rollno,username,email,password):

    sql = "UPDATE userdetails SET (username,email,password)=('{'','{'','{'}) WHERE
    rollno={ }".format(username,email,password,rollno)

    out = ibm_db.exec_immediate(conn, sql)

    print('Number of affected rows : ', ibm_db.num_rows(out), "\\n")


def deleteTableData(conn,username):

    sql = "DELETE FROM userdetails WHERE username={ }".format(username)

    out = ibm_db.exec_immediate(conn, sql)
```

```
print('Number of affected rows : ', ibm_db.num_rows(out), "\n")
```

```
try:
```

```
    conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=ba99a9e6-d59e-4883-8fc0-  
d6a8c9f7a08f.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=31321;SECURITY  
=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;PROTOCOL=TCPIP;UID=c1l3376  
1;PWD=JHRHpRtT82zDR0z6;", "", "")
```

```
    print("Db connected")
```

```
except:
```

```
    print("Error")
```

```
from flask import *
```

```
app=Flask(__name__)
```

```
@app.route("/")
```

```
@app.route("/login",methods=['POST','GET'])
```

```
def login(pbkdf2_sha256=None):
```

```
    if request.method=="POST":
```

```
        printTableData(conn)
```

```
        username=request.form['username']
```

```
        password=request.form['password']
```

```
        if dictionary[username] == password:
```

```
            return render_template('user.html',uname=username)
```

```
    return render_template('loginpage.html')
```

```
@app.route("/register",methods=['POST','GET'])
def register():
    if request.method=="POST":
        rollno = request.form['rollno']
        username = request.form['username']
        email = request.form['email']
        password = request.form['password']
        insertTableData(conn, rollno, username, email, password)
        #printTableData(conn)
        return render_template('loginpage.html')
    return render_template('registerpage.html')

@app.route("/delected")
def delected():

    return render_template('delectuser.html')

@app.route("/logout")
def logout():
    return redirect(url_for('login'))

#printTableData(conn)
#print(dictionary)

if __name__=="__main__":
    app.run(debug=True)
```

Loginpage.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js" integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js" integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYI" crossorigin="anonymous"></script>

<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css"
integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous">

<title>Login Page</title>

<style type="text/css">

body{

background-color: #EAF6F6;

}

<!-- .msg,.login{-->

<!-- text-align: center;-->

<!-- margin-top: 25px;-->

<!-- margin-bottom:25px;-->

<!-- }-->

```
form{
    width: 30%;
}

.center {
    position: absolute;
    left: 0;
    right: 0;
    margin: auto;
}

</style>
</head>
<body>

    <nav class="h1 navbar navbar-light p-3 mb-2 bg-primary text-white justify-content-between">

        <a class="navbar-brand">Login Page</a>

    </nav>

    <br>

    <br>

    <form action="/login" method="POST" class="center">

        <div class="form-group">

            <label for="exampleInputEmail1">User Name</label>

            <input type="text" name="username" class="form-control"
id="exampleInputEmail1" placeholder="Enter Username">

        </div>

        <div class="form-group">

            <label for="exampleInputPassword1">Password</label>

            <input type="password" name="password" class="form-control"
id="exampleInputPassword1" placeholder="Password">

        </div>

    </form>

</body>
</html>
```

</div>

<div>

New User ? Click to Sign-Up

</div>

<button type="submit" class="btn btn-primary">Submit</button>

</form>

</body>

</html>

Registerpage.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js" integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js" integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYI" crossorigin="anonymous"></script>

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css"

```
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">
```

```
<title>Register page</title>
```

```
<style type="text/css">
```

```
body{
```

```
background-color: #EAF6F6;
```

```
}
```

```
.msg,.login{
```

```
text-align: center;
```

```
margin-top: 25px;
```

```
margin-bottom:25px;
```

```
}
```

```
form{
```

```
width: 30%;
```

```
}
```

```
.center {
```

```
position: absolute;
```

```
left: 0;
```

```
right: 0;
```

```
margin: auto;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<nav class="h1 navbar navbar-light p-3 mb-2 bg-primary text-white justify-content-
between">
```

```
<a class="navbar-brand">Register Page</a>
```

```
</nav>

<form action="/register" method="POST" class="center">

  <div class="form-group">

    <label for="exampleInputUsername">Roll Number</label>

    <input type="number" name="rollno" class="form-control"
id="exampleInputRollNo" aria-describedby="emailHelp" placeholder="Enter Roll
Number">

  </div>

  <div class="form-group">

    <label for="exampleInputUsername">User Name</label>

    <input type="text" name="username" class="form-control"
id="exampleInputUsername" aria-describedby="emailHelp" placeholder="Enter
Username">

  </div>

  <div class="form-group">

    <label for="exampleInputEmail">Email</label>

    <input type="text" name="email" class="form-control" id="exampleInputEmail"
aria-describedby="emailHelp" placeholder="Enter Username">

  </div>

  <div class="form-group">

    <label for="exampleInputPassword">Password</label>

    <input type="password" name="password" class="form-control"
id="exampleInputPassword" placeholder="Password">

  </div>

  <div>

    Already a User ? Click to <a href="{ {url_for('login') }}">Login</a>

  </div>

  <br>

  <button type="submit" class="btn btn-primary">Submit</button>

</form>
```



```
</body>
```

```
</html>
```

User.html

```
<html>
```

```
  <head>
```

```
    <title>User Page</title>
```

```
    <link rel="stylesheet" href="{ { url_for('static',filename='css/bootstrap.min.css') } } ">
```

```
    <script src="{ { url_for('static',filename='js/jquery.min.js') } } "></script>
```

```
  </head>
```

```
  <body>
```

```
    <div class="container">
```

```
      <div class="col-md-5">
```

```
        <h3 class="page-header text-info">User Page</h3>
```

```
        <h3 ><marquee behavior="scroll" direction="left">Welcome  
{{uname}}</marquee></h3><hr>
```

```
        <h4> <a href="{ { url_for('delete') } } ">Delete</h4>
```

```
        <h4><a href="{ { url_for('logout') } } ">Logout</a></h4>
```

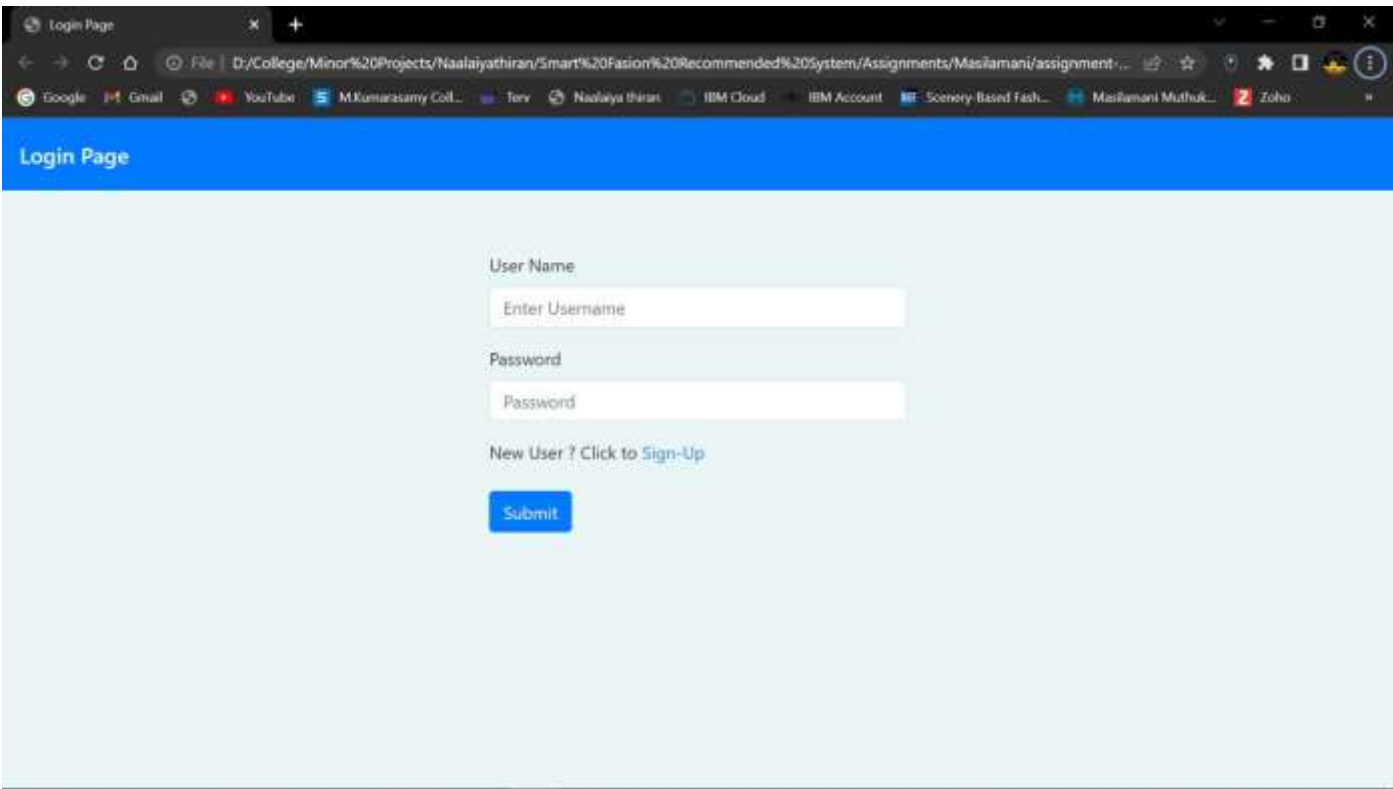
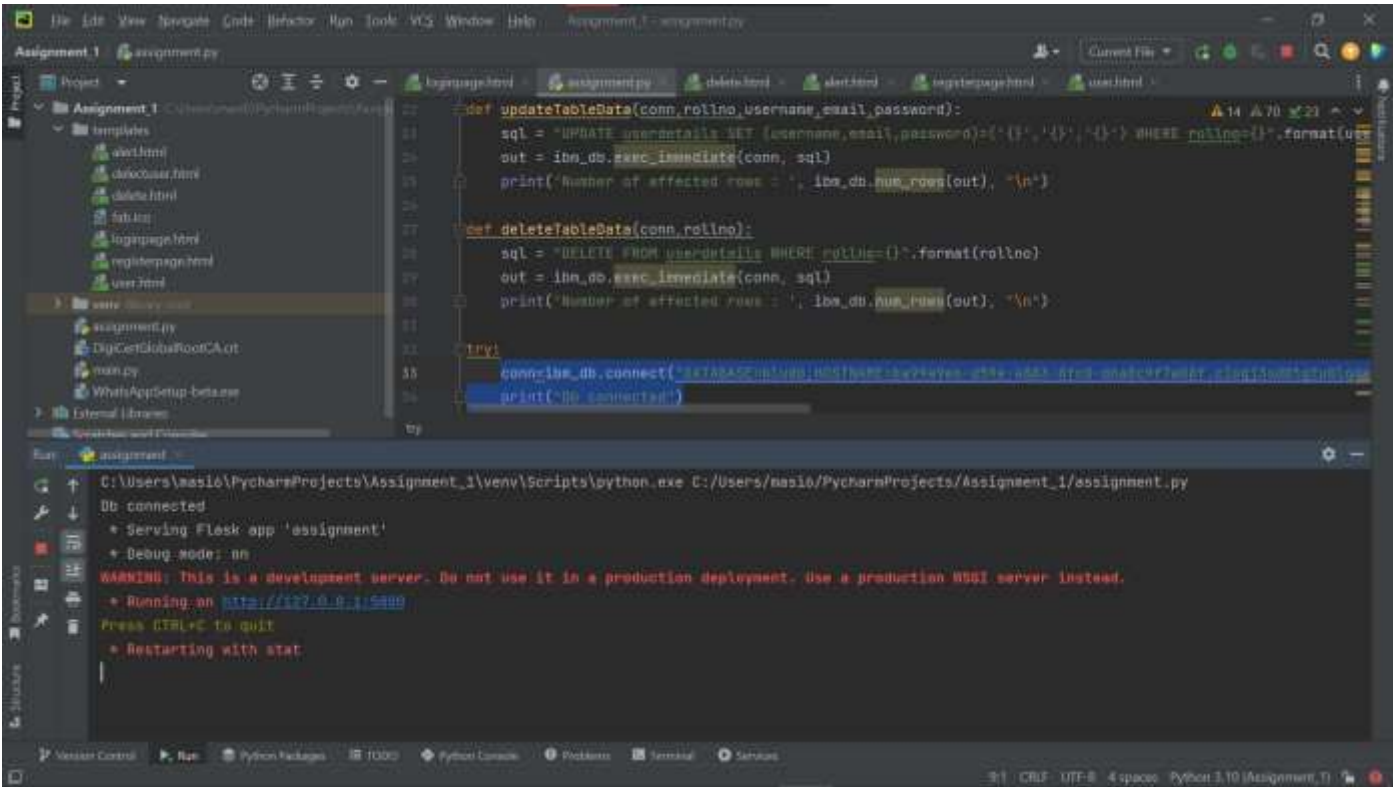
```
      </div>
```

```
    </div>
```

```
  </body>
```

```
</html>
```

Output Screenshot:



Register page

File | D:/College/Minor%20Projects/Naalsiyathiran/Smart%20Fasion%20Recommended%20System/Assignments/Masilamani/assignment-... |

Google Gmail YouTube MKumarasamy Coll... serv Naalsiya thiran IBM Cloud IBM Account Scenery-Based Fash... Masilamani Muthuk... Zoho

Register Page

Roll Number

User Name

Email

Password

Already a User ? Click to [Login](#)

User Page

127.0.0.1:5000/login

Google Gmail YouTube MKumarasamy Coll... serv Naalsiya thiran IBM Cloud IBM Account Scenery-Based Fash... Masilamani Muthuk... Zoho

User Page

Welcome Masilamani

[Delete](#)

[Logout](#)