

## 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+058RXPxPg6fy4IWvTNh0E263XmFcJISAwIGgFAW/dAiS6JXm"
crossorigin="anonymous"> <title>Login Page</title> <style type="text/css"> body{
background-color: "white";
}
<!-- .msg,.login{-->
<!-- text-align: center;-->
<!-- margin-top: 25px;-->
<!-- margin-bottom:25px;--> <!--
}-->

form{
width: 30%;
}
.center { position:
absolute; left: 0;
right: 0; margin-
left: 900px;
margin-top: 150px;

}
img{ height: 400px;
width: auto;
```

```
position: absolute;
margin-left: 100px;
margin-top: 200px;

}

.
.login:before {
content: ""; flex:
1; height: 1px;
background: #eee;
}
</style>
</head>
<body>

<br>
<div>
<form action="/login" method="POST" class="center">
<div class="form-group">
<h3 class="login">Login</h3>
<label for="exampleInputEmail1">User Name</label> <input
type="text" name="username" class="form-control"
id="exampleInputEmail1" placeholder="Enter Username">
<div class="form-group">
<label for="exampleInputPassword1">Password</label> <input
type="password" name="password" class="form-control"
id="exampleInputPassword1" placeholder="Password">
</div>
<div>
```

---

New User ? Click to <a href="{{url\_for('register')}}">Sign-Up</a>

<br>

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

</form>

</div></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+058RXPxPg6fy4IWvTNh0E263XmFcJISAWiGgFAW/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; margin-left: 900px; margin-top: 200px;
}
img{
position: absolute;
margin-top: 100px;
}

</style>
</head>
<body>


<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>
```

---

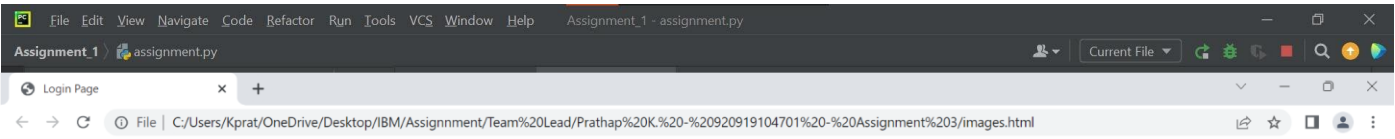
<div class="form-group">

```
<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>
```



```
<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:

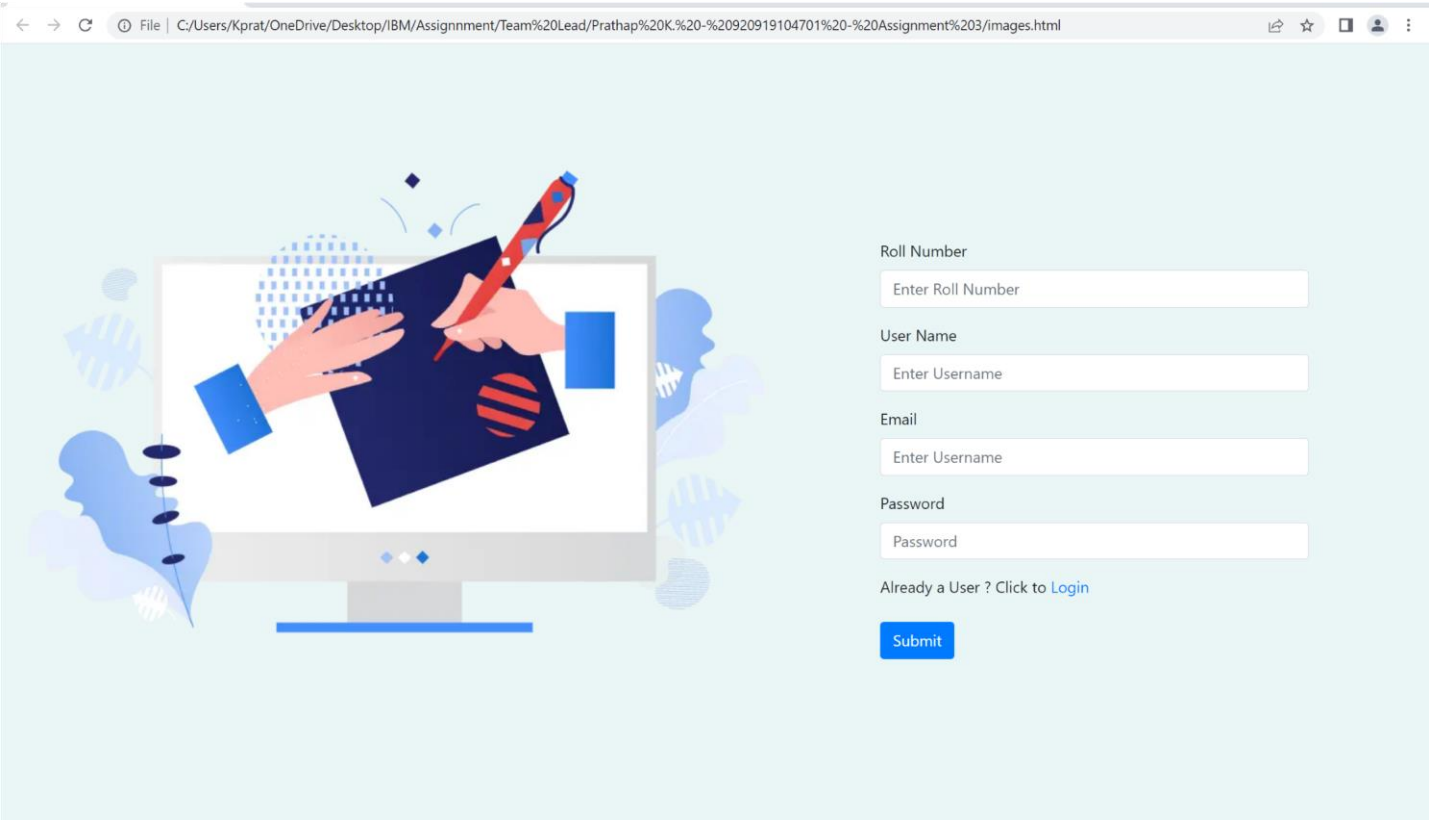


Login

User Name

Password

New User ? Click to [Sign-Up](#)



Roll Number

User Name

Email

Password

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