

Date	11/11/2022
Project Name	Smart Fashion Recommender Application
Team ID	PNT2022TMID08215

Create IBM DB2 And Connect With Python

```
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,rollno):

    sql = "DELETE FROM userdetails WHERE

rollno={}".format(rollno) 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=0c77d6f2-5da9-48a9-81f8-
86b520b87518.bs2io901
08
kqblod8lcg.databases.appdomain.cloud;PORT=31198;SECURITY=SSL;SSLServerCertificate=Dig
iCertGlo balRootCA.crt;PROTOCOL=TCPIP;UID=bjn03696;PWD=ef96tLJX2VjzaCPX;", "", "")

    print("Db connected")

except:

print("Error")

from flask import

Flask,render_template,request,url_for,session app=Flask(__name__)

@app.route("/")

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

def login():

    if

request.method=="POST":

        printTableData(conn)

username=request.form['username']

        password=request.form['password']

        try:

            if dictionary[username] == password and username in dictionary:

return "Logged in successfully"

            except:

                return "Invalid

```

```

username or password"
    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)
    return
render_template('loginpage.html') return
    render_template('registerpage.html')

if
__name__=="__main__":

app.run(debug=True)q
late,request,url_for,session
app=Flask(__name__)
@app.route("/&quot;t;)

@app.route("/login",methods=['POST','GET'])
def login():
    if
request.method=="POST":
        printTableData(conn)

username=request.form['username']
        password=request.form['password']
        try:

```

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

```
    return "Logged in successfully"
```

```
    except:
```

```
        return "Invalid
```

```
username or password" return
```

```
    render_template('log')
```

