

Project Name	Smart Fashion Recommender Application
Team ID	PNT2022TMID02585

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.bs2io90l
08kqb1od8lcg.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("/&quo
```

```
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')
```

