

<b>DATE</b>	17/11/2022
<b>PROJECT NAME</b>	Smart Fashion Application Recommender
<b>TEAM ID</b>	PNT2022TMID09289

### Create IBM DB2 And Connect With Python

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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:

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        conn = ibm_db.connect("DATABASE=bludb; HOSTNAME=ba99a9e6-d59e-4883-
8fc0-d6a8c9f7a08f.c1ogj3sd0tgu0lqde00.databases.appdomain.cloud; PORT=32731;
USERNAME=xyk14366; PASSWORD=KG2rV7uAPtNmKX4q; PROTOCOL=TCPIP;
SECURITY=SSL; SSLSERVERCERTIFICATE=DigiCertGlobalRootCA.crt; ", "", "")

        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']

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

    return render_template('loginpage.html')

return render_template('registerpage.html')

if name == " main ":

    app.run(debug=True) late,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('log')

```