

Create IBM DB2 And Connect With Python

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Project Name	Smart Fashion Recommender Application
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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
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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__)

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@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')
```