

Date	11/11/2022
Project Name	Smart Fashion Recommender Application
Team ID	PNT2022TMID48052

### 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

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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
08kqblod8lcg.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 =

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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
n 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')

```

