

Date	11/11/2022
ProjectName	Smart Fashion Recommender Application
Team ID	PNT2022TMID52435

Create IBMD B2 AndC onnect 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']}) docum
        ent=
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:', ib
m_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")

```

```

deleteTableData(conn,rollno):
    sql = "DELETE FROM userdetails
WHERErollno={}".format(rollno)
    out = ibm_db.exec_immediate(conn,
    sql)print('Number
ofaffectedrows:',ibm_db.num_rows(out),"\n")

try:

conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=0c77d6f2-5da9-48a9-81f8-
86b520b87518.bs2io90108kqblod8lcg.databases.appdomain.cloud;PORT=31198;SECURITY=SSL;SSLServer
Certificate=DigiCertGlobalRootCA.crt;PROTOCOL=TCPIP;UID=bjn03696;PWD=ef96tLJX2VjzaCPX;", ""
, "")

    print("Dbconnected")

except:

print("Error")


from flask
importFlask,render_template,request,url_for,sessionapp
=Flask(name)
@app.route("/")

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

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

    ifdictionary[username]==passwordandusernameindictionary:
return "Logged in
        successfully"except:
            return"Invalid
username or
password"return
render_template('loginpage.html')

```

```

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

defregister():
    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')
        returnrender_template('registerpage.html')


if
name=="main":

app.run(debug=True)qlate,request,u
rl_for,sessionapp=Flask(name)@app.
route("/&quo
t;)@app.route("/login",methods=['POST','GET']
)deflogin():
    ifrequest.method=="
POST":
        printTableData(conn)

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

        ifdictionary[username]==passwordandusernameindictionary:

return "Logged in
        successfully"except:
            return"Invalid
usernameorpassword"
        returnrender_template('log')

```