Date	10/11/2022
Project Name	Smart Fashion Recommender Application
Team ID	PNT2022TMID46339

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(con,username,email,password):


sql="INSERT INTO
userdetails(username,email,password) VALUES ({},'{}','{}','{}')".format(username,email,password)
        out = ibm_db.exec_immediate(conn,sql)
        print('Number of affected rows :
',ibm_db.num_rows(out),"\n")



def updateTableData(con,username,email,password):


        sql = "UPDATE userdetails SET
(username,email,password)=('{}','{}','{}'
) WHERE={}".format(username,email,password)
        out = ibm_db.exec_immediate(conn,sql)
        print('Number of affected rows : ', ibm_db.num_rows(out), "\n")


def
```

```
deleteTableData(con):
        sql = "DELETE FROM userdetails WHERE
username={}".format(username)
        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":=
request.form['']
                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')
```