Date	11/11/2022
Project Name	Smart Fashion Recommender Application
Team ID	PNT2022TMID44747

Create IBM DB2 And Connect With Python

```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(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
```

```python
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 =
```

```python
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,sessio
n 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')
```