The python code to Connect with DB

Date	9.11.22
Team ID	PNT2022TMID03273
Project Name	Personal Expense Tracker Application

```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']:

documen t['PASSWORD']})

document = ibm_db.fetch_assoc(out)

def

insertTableData(conn,rollno,username,email,pass word):

sql="INSERT INTO userdetails(rollno,username,email,password)

VALUES ({},'{}','{}','{}')".format(rollno,username,ema il,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,pass word):

sql = "UPDATE userdetails SET (username,email,password)=('{}','{}','{}') WHERE
rollno={}".format(username,email,password,rolln o)

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 rollno={}".format(rollno)
```

```python
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=2f3279a5-73d1-4859-88f0-
a6c3e6b4b907.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud;PORT=30756;Security=
SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=ctb99199;PWD=GybYxLw1rH
z86oSh;","","")

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:
```