The python code to Connect with DB

Date	10.11.22
Team ID	PNT2022TMID 22147
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-
88f0a6c3e6b4b907.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud;PORT=30756;Secu
rity=
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:
```