

The python code to Connect with DB

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Project Name	Personal Expense Tracker Application

```
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,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)
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:

```