

## Python code to Connect with DB

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Project Name	Personal Expense Tracker Application

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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:
```