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']:

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)

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: