

Date	
TeamID	PNT2022TMID31320
ProjectName	PERSON EXPENSE TRACKER APPLICATION

## The python code to Connect with DB

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import ibm_db
dictionary={}
def printTable(conn):
sql='SELECT*FROMUserdetails'
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 insertTable(conn,rollno,username,email,password):
sql='INSERT INTO userdetails(rollno,username,email,password)VALUES
({},{},{},{})'.format(rollno,username,email,password)
out= ibm_db.exec_immediate(conn,sql)
print('Number of affected rows : ',ibm_db.num_rows(out),'\n')
def updateTable(conn,rollno,username,email,password):
sql='UPDATE userdetails SET(username,email,password)=({},{},{}) WHERE
rollno={}'.format(username,email,password,rollno)
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('Numberofaffectedrows:',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;Secu
rity=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=ctb99199;PWD=GybYxLw1r
Hz86oSh;',';','')
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'])deflogin():
if request.method=='POST': printTableData(conn)

```

```
username=request.form['username']password=request.form['password']
try:
if dictionary[username]==password and username in dictionary:
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