

## The python code to Connect with DB

Date	9.11.22
Team ID	PNT2022TMID10256
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,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 updateTableData(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)
```

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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=b1bc1829-6f45-4cd4-bef4-
10cf081900bf.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32304;Security=
SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=jjn48222;PWD=lzgvJpxduESZgt0A
;","","")

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:

```