

## The python code to Connect with DB

<b>Team ID</b>	PNT2022TMID39193
<b>Project Name</b>	Personal Expenses 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)
```

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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;P
    WD=GybYxLw1rHz86oSh;", "", "")
    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

```