

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']:
        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)
```

```
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','GE
```

```
T'])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:
```