

## The python code to Connect with DB

```
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,password):
        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
```

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updateTableData(conn,rollno,username,email,password):
sql = "UPDATE userdetails SET
(username,email,password)=('{}'.format(username), '{}{}'.format(email, password), '{}{}'.format(rollno, 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=0c
77d6f2-5da9-48a9-81f8-86b520b87518.bs2io901
08kqblod8lcg.databases.appdomain.cloud;PORT=311
98;SECURITY=SSL;SSLServerCertificate=DigiCertGl
o
balRootCA.crt;PROTOCOL=TCPIP;UID=bjn03696;PWD=e
f96tLJX2VjzaCPX;", "",
"")
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:
```