

The python code to Connect with DB

<i>Date</i>	<i>9.11.22</i>
<i>TeamID</i>	<i>PNT2022TMID17022</i>
<i>ProjectName</i>	<i>PersonalExpenseTrackerApplication</i>

```
import
ibm_dbdictio
nary={}
defprintTableData(conn):
sql="SELECT*FROMUserdetails"out=i
bm_db.exec_immediate(conn,sql)do
cument=ibm_db.fetch_assoc(out)wh
ile document!= False:
dictionary.update({document['USERNAME']:
documen
t['PASSWORD']})document =
ibm_db.fetch_assoc(out)def
insertTableData(conn,rollno,username,email,password):sql="I
NSERT 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")defupdateTableData(conn,r
ollno,username,email,password):
sql="UPDATEUserdetailsSET(username,email,password)={}'','{}','{}'
WHERErollno={}".format(username,email,password,rollno)
out=ibm_db.exec_immediate(conn,sql)
print('Number of affected rows : ', ibm_db.num_rows(out),
"\\n")defdeleteTableData(conn,rollno):
```

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sql="DELETEFROMUserdetailsWHERErollno={}".format(rollno)
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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")

fromflaskimportFlask,render_template,request,url_for,sessiona
pp=Flask(name)

@app.route("/")@app.route("/login",methods
=['POST','GET'])deflogin():

ifrequest.method=="POST":

printTableData(conn)

username=request.form['username']password=request.form['p
assword']

try:ifdictionary[username]==passwordandusernameindictionary:

```