

The python code to Connect with DB

Date	9.11.22
TeamID	PNT2022TMID23145
ProjectName	PersonalExpenseTrackerApplication

```
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):
```

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

```
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:
```