CONNECT TO IBM DB2 USING PYTHON

db.py:

```
import ibm_db

def getData():
    data = []
    try:
        conn = ibm_db.connect('DATABASE=bludb;HOSTNAME=125f9f61-9715-46f9-9399-
c8177b21803b.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=30426;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UI
D=fyq84028;PWD=Cxm5IBvcj9oboXaE', '', '')
        print("Connected to database\n\n")

        server = ibm_db.server_info(conn)

        print("DBMS NAME: ", server.DBMS_NAME)
        print("DBMS VER: ", server.DBMS_VER)
        print("DB NAME: ", server.DB_NAME)
        print("\n\n")

        #SELECT
        stmt = ibm_db.exec_immediate(conn, "select * from CARTOON;")
        while ibm_db.fetch_row(stmt) != False:
            map = {}
            map["id"] = ibm_db.result(stmt, 0)
            map["name"] = ibm_db.result(stmt, 1)
            data.append(map)
            print("ID: ", map["id"], "Name: ", map["name"])
    except:
        print("Unable to connect: ", ibm_db.conn_errormsg())


    return data
```

app.py:

```
from flask import *

from db import getData

app = Flask(__name__)

@app.route('/')
def home():
    return render_template('home.html')

@app.route('/data')
def displyData():
    data = getData()
    resp = make_response(render_template('displayDBData.html',data = data))
    return resp


if __name__ == '__main__':
    app.run()
```