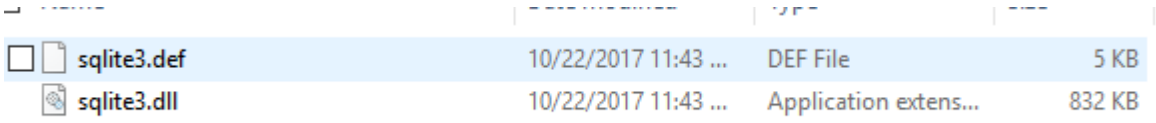
SQLite Installation

Step 1: Visit http://www.sqlite.org/download.html
Step 2: Download SQLite-dll-win32-x86-3200100.zip
Step 3: Unzip the folder and copy below two files inside **C:\Python34\Scripts folder**



Step 4: Create a sample python script to verify the database installation.

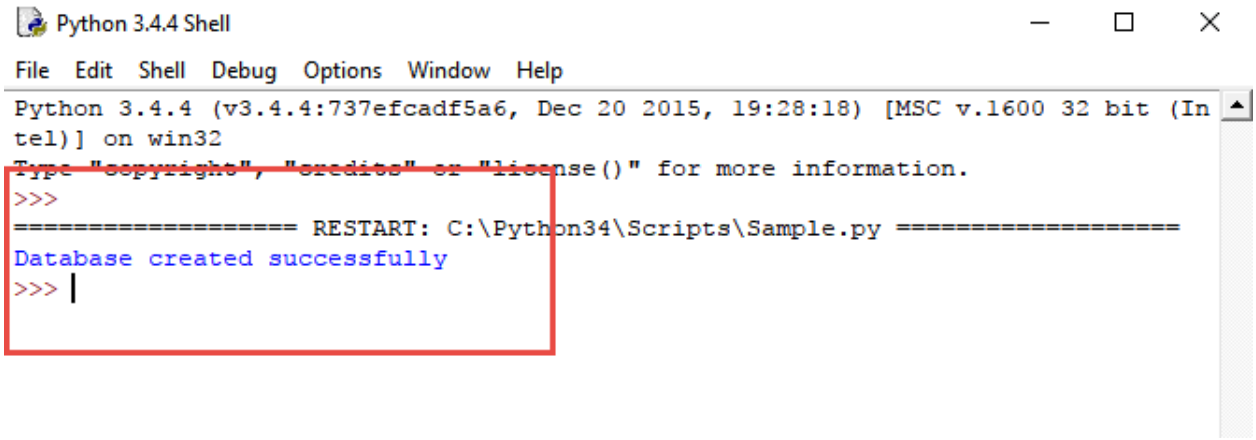
```
#!/usr/bin/python

import sqlite3

conn = sqlite3.connect('QMB4400Test.db')

print "Database created successfully."
```

Step 5: Run the script.



Step 6: Create a studentgrade table as described below.

```
import sqlite3 as sqllite
import sys

connection = sqllite.connect('QMB4400Test')

with connection:

    cur = connection.cursor()
    cur.execute("DROP TABLE IF EXISTS StudentGrades")
```

```
    cur.execute("CREATE TABLE StudentGrades(StudentID INT, StudentName TEXT,
StudentTotalPoints INT)")
    cur.execute("INSERT INTO StudentGrades VALUES(1,'John Morris',800)")
    cur.execute("INSERT INTO StudentGrades VALUES(2,'Tim Tuttle',200)")
    cur.execute("INSERT INTO StudentGrades VALUES(3,'Junsti Winds',900)")
    cur.execute("INSERT INTO StudentGrades VALUES(4,'Wendy Wise',1000)")
    cur = connection.cursor()
    cur.execute("SELECT * FROM StudentGrades")
```

Step 7: Modify the script as described below and review the output.

```
import sqlite3 as sqllite
import sys

connection = sqllite.connect('QMB4400Test')

with connection:

    cur = connection.cursor()
    cur.execute("DROP TABLE IF EXISTS StudentGrades")
    cur.execute("CREATE TABLE StudentGrades(StudentID INT, StudentName TEXT,
StudentTotalPoints INT)")
    cur.execute("INSERT INTO StudentGrades VALUES(1,'John Morris',800)")
    cur.execute("INSERT INTO StudentGrades VALUES(2,'Tim Tuttle',200)")
    cur.execute("INSERT INTO StudentGrades VALUES(3,'Junsti Winds',900)")
    cur.execute("INSERT INTO StudentGrades VALUES(4,'Wendy Wise',1000)")
    cur = connection.cursor()
    cur.execute("SELECT * FROM StudentGrades")

    rows = cur.fetchall()

    for row in rows:
        print (row)
```