Python SQLite Tutorial

There are various SQLite wrappers available using which you can interact with SQLite3 database. But the most popular one is `PySQLite`. There is no need to install `PySQLite` because it comes as a standard module from Python 2.5 onwards. In your coding, you have to import `sqlite3` module to work with SQLite3.

Steps to connect to SQLite database in Python

1. Before you interact with SQLite, you have to import `sqlite3` module.

```
import sqlite3
```

2. Create a connection to a database by providing a filename. If the database does not exist then it will be created. `connect()` function is used to connect to a database.

```
conn = sqlite3.connect('databasename.db')
```

3. Get a cursor from the connection by calling `cursor()` function.

```
cur = conn.cursor()
```

4. Execute SQL query using `execute()` function.
5. If you have made changes to the database then you must call `commit()` function so that changes are saved back to the file.

```
conn.commit()
```

6. Call `close()` function to close the connection.

```
conn.close()
```