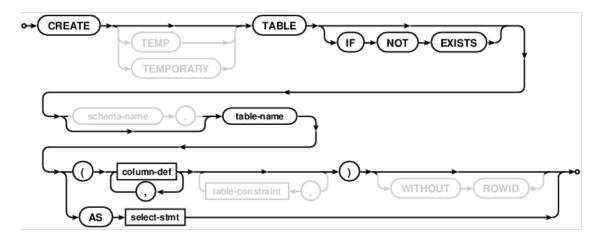




Create Table and Drop Table

Create Table

CREATE TABLE expression syntax:



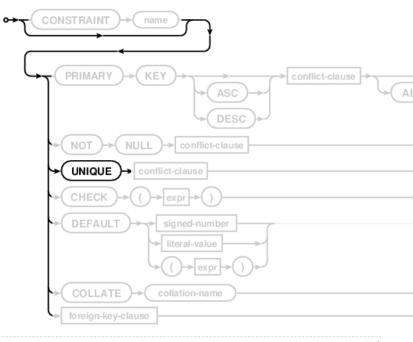
Examples:

CREATE TABLE numbers (n, note); CREATE TABLE numbers (n UNIQUE, note);

column-def:



column-constraint:

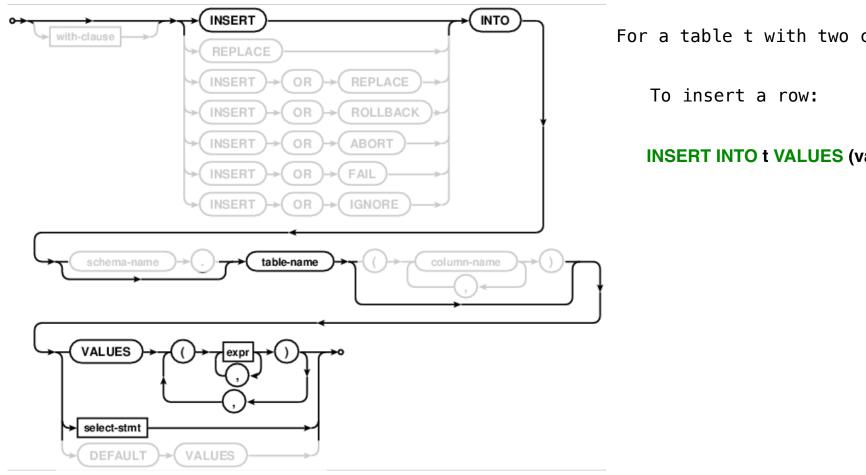


Drop Table





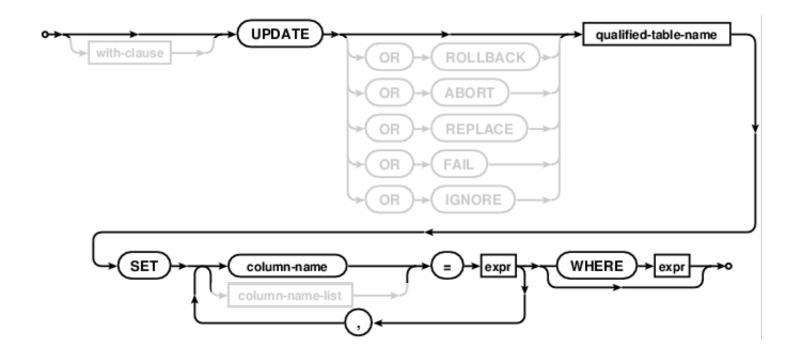
Insert



For a table t with two columns...

INSERT INTO t VALUES (value0, value1);

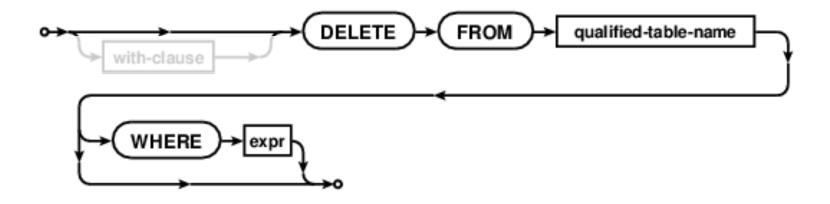
Update



Update sets all entries in certain columns to new values, just for some subset of rows.

(Demo)

Delete



Delete removes some or all rows from a table.

(Demo)



Python Can Access Sqlite Databases

```
import sqlite3

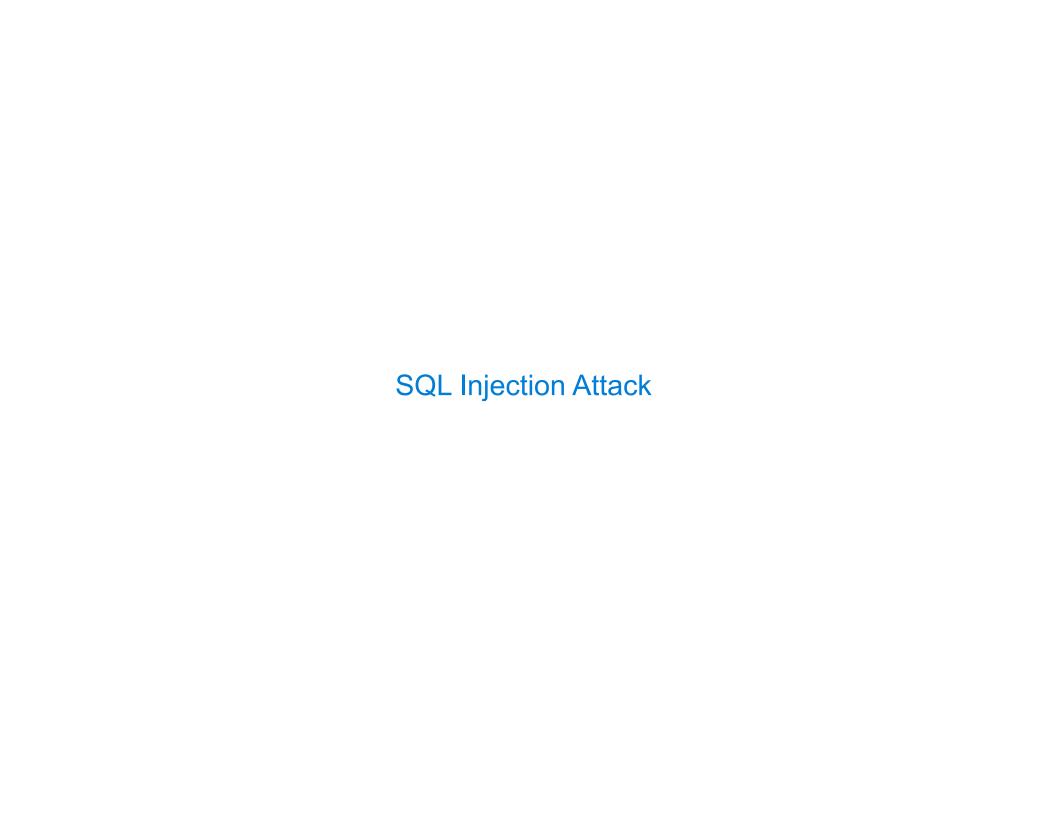
db = sqlite3.Connection('number.db')

db.execute('CREATE TABLE nums AS SELECT 2, 3 UNION SELECT 4, 5;')

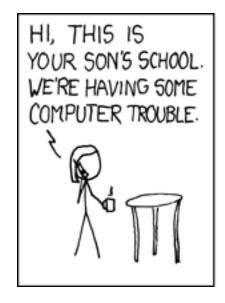
db.execute('INSERT INTO nums VALUES (?, ?), (?, ?);', range(6, 10))

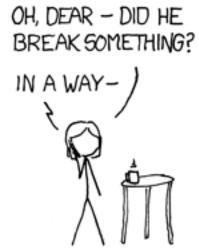
print(db.execute('SELECT * FROM nums;').fetchall())

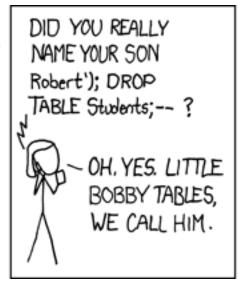
db.commit()
```



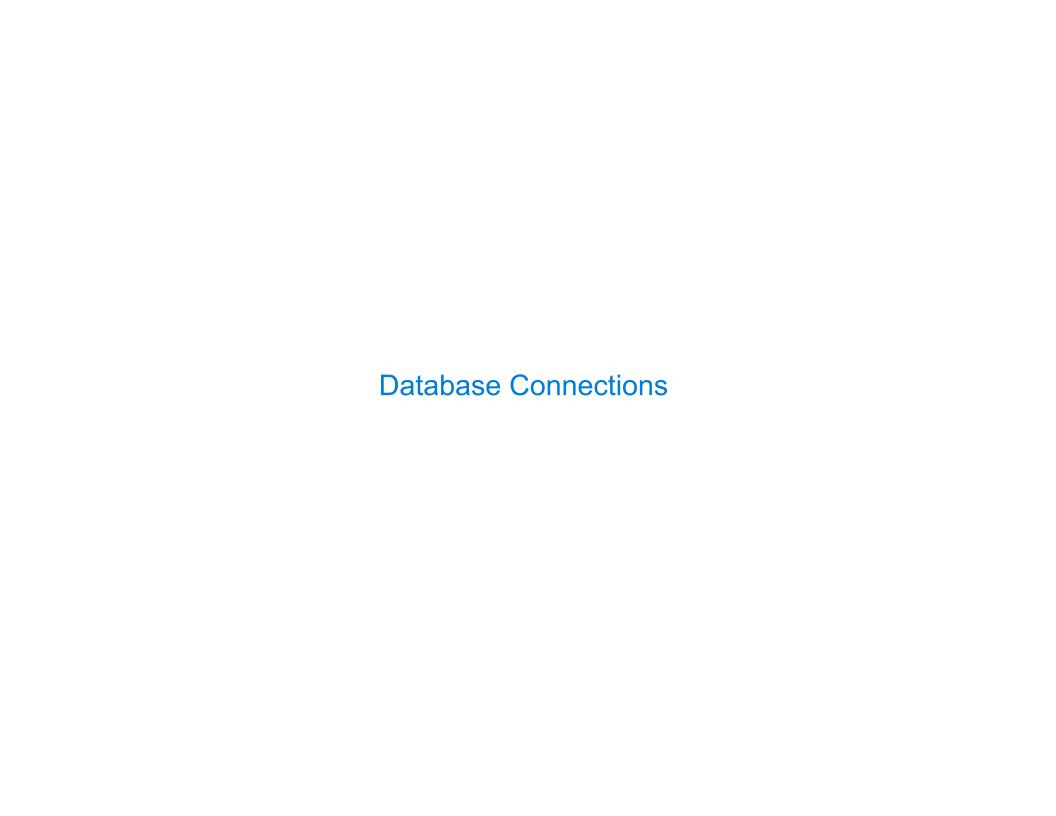
A Program Vulnerable to a SQL Injection Attack





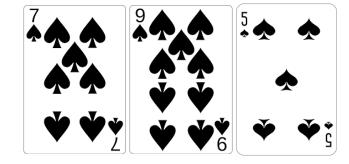




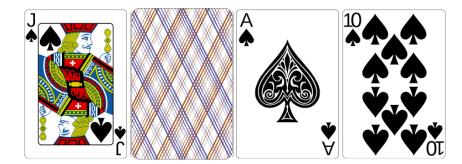


Casino Blackjack

Player:



Dealer:



(Demo)