## Getting data from sql database:

#!/usr/bin/python

# -\*- coding: utf-8 -\*-

import sqlite3 as lite

import sys

con = None

try:

con = lite.connect('test.db')

cur = con.cursor()

cur.execute('SELECT SQLITE\_VERSION()')

data = cur.fetchone()

print("SQLite version: %s" % data)

except e:

print("Error %s:" % e.args[0])

sys.exit(1)

finally:

if con:

con.close()

## #Inserting data.

#!/usr/bin/python

# -\*- coding: utf-8 -\*-

import sqlite3 as lite

import sys

cars = (

(1, 'Audi', 52642),

(2, 'Mercedes', 57127),

(3, 'Skoda', 9000),

(4, 'Volvo', 29000),

(5, 'Bentley', 350000),

(6, 'Hummer', 41400),

(7, 'Volkswagen', 21600),

(8, 'Self-driving', 1000)

)

con = lite.connect('test.db')

with con:

cur = con.cursor()

cur.execute("DROP TABLE IF EXISTS Cars")

cur.execute("CREATE TABLE Cars(Id INT, Name TEXT, Price INT)")

cur.executemany("INSERT INTO Cars VALUES(?, ?, ?)", cars)

## #Retrieving data.

#!/usr/bin/python

# -\*- coding: utf-8 -\*-

import sqlite3 as lite

import sys

con = lite.connect('test.db')

with con:

cur = con.cursor()

cur.execute("SELECT \* FROM Cars")

rows = cur.fetchall()

for row in rows:

print(row)