SQLite dot commands, you can enter ".help" at any time. For example:

sqlite> **.help**

.backup ?DB? FILE Backup DB (default "main") to FILE

.bail on|off Stop after hitting an error. Default OFF

.binary on|off Turn binary output on or off. Default OFF

.clone NEWDB Clone data into NEWDB from the existing database

.databases List names and files of attached databases

.dbinfo ?DB? Show status information about the database

.dump ?TABLE? ... Dump the database in an SQL text format

If TABLE specified, only dump tables matching

LIKE pattern TABLE.

.echo on|off Turn command echo on or off

.eqp on|off Enable or disable automatic EXPLAIN QUERY PLAN

.exit Exit this program

.explain ?on|off? Turn output mode suitable for EXPLAIN on or off.

With no args, it turns EXPLAIN on.

.fullschema Show schema and the content of sqlite\_stat tables

.headers on|off Turn display of headers on or off

.help Show this message

.import FILE TABLE Import data from FILE into TABLE

.indexes ?TABLE? Show names of all indexes

If TABLE specified, only show indexes for tables

matching LIKE pattern TABLE.

.limit ?LIMIT? ?VAL? Display or change the value of an SQLITE\_LIMIT

.load FILE ?ENTRY? Load an extension library

.log FILE|off Turn logging on or off. FILE can be stderr/stdout

.mode MODE ?TABLE? Set output mode where MODE is one of:

ascii Columns/rows delimited by 0x1F and 0x1E

csv Comma-separated values

column Left-aligned columns. (See .width)

html HTML <table> code

insert SQL insert statements for TABLE

line One value per line

list Values delimited by .separator strings

tabs Tab-separated values

tcl TCL list elements

.nullvalue STRING Use STRING in place of NULL values

.once FILENAME Output for the next SQL command only to FILENAME

.open ?FILENAME? Close existing database and reopen FILENAME

.output ?FILENAME? Send output to FILENAME or stdout

.print STRING... Print literal STRING

.prompt MAIN CONTINUE Replace the standard prompts

.quit Exit this program

.read FILENAME Execute SQL in FILENAME

.restore ?DB? FILE Restore content of DB (default "main") from FILE

.save FILE Write in-memory database into FILE

.scanstats on|off Turn sqlite3\_stmt\_scanstatus() metrics on or off

.schema ?TABLE? Show the CREATE statements

If TABLE specified, only show tables matching

LIKE pattern TABLE.

.separator COL ?ROW? Change the column separator and optionally the row

separator for both the output mode and .import

.shell CMD ARGS... Run CMD ARGS... in a system shell

.show Show the current values for various settings

.stats on|off Turn stats on or off

.system CMD ARGS... Run CMD ARGS... in a system shell

.tables ?TABLE? List names of tables

If TABLE specified, only list tables matching

LIKE pattern TABLE.

.timeout MS Try opening locked tables for MS milliseconds

.timer on|off Turn SQL timer on or off

.trace FILE|off Output each SQL statement as it is run

.vfsname ?AUX? Print the name of the VFS stack

.width NUM1 NUM2 ... Set column widths for "column" mode

Negative values right-justify

sqlite>

**Anatomy of a SELECT command**:

SELECT

<column,…> *(use \* for all columns)*

FROM <table>

WHERE <condition>

ORDER BY <column,…>

**Anatomy of a SELECT JOIN command**:

SELECT

<column,…>

FROM <table1>

JOIN <table2>

ON <table1.column> = <table2.column>

…

WHERE <condition>

ORDER BY <column,…>

**Anatomy of a CREATE TABLE command**:

CREATE TABLE <table name> (

<column name> <data type> <constraint>,

…

);

**Anatomy of an INSERT command**:

INSERT INTO <table name> (column,…)

VALUES (values,…);