\folder foldername = …;

Relative or absolute folder where sqlite3 files, inputs and outputs are placed

\connect sqlite3 :memory:;

Create database in memory. Be cautious, save it or loose it.

\ connect sqlite3 filename = …;

Create or use existing database in specified folder (using folder:foldername command)

\read filename = …, delimiter = …, text\_qualifier = …, read\_columns = True, strip\_columns = True, lines = 0;

Read file with data. Two object (data and columns) are created in memory.

\export filename = …, delimiter = …, text\_qualifier = …, write\_columns = True, strip\_columns = True, lines = 0;

Export data to a file. Use objects (data and columns) from memory.

\insert tablename = …;

Insert data in memory (data object) into table in database (---sqlite3,---mysql,---postgre commands) using column names. Table MUST be created in advance.

\print what = columns, columns = A B C (or columns = “A a” “B b” “C c” or columns = [A a, B b, C c] or columns = [“ A a ”, “ B b “, “ C c “]);

\pc from = …, to = …, step = …, list = 1 2 3 4;

Print columns in column object.

\print what = data, from = …, to = …, step = …, list = 1 2 3 (or list = [1,2,3]), columns = A B C (or columns = “A a” “B b” “C c” or columns = [A a, B b, C c] or columns = [“ A a ”, “ B b “, “ C c “]);

Print data in data object.

\load filename = …;

Load file with sqls and commands. Two object (data and columns) are created in memory.

default = '/default/path/'

dir = raw\_input('Folder [%s]' % default)

dir = dir or default

7.1 Connector/Python Connection Arguments

A connection with the MySQL server can be established using either the mysql.connector.connect() function or the mysql.connector.MySQLConnection() class:

cnx = mysql.connector.connect(user='joe', database='test')

cnx = MySQLConnection(user='joe', database='test')

The following table describes the arguments that can be used to initiate a connection. An asterisk (\*) following an argument indicates a synonymous argument name, available only for compatibility with other Python MySQL drivers. Oracle recommends not to use these alternative names.

**Table 7.1 Connection Arguments for Connector/Python**

| **Argument Name** | **Default** | **Description** |
| --- | --- | --- |
| user**(**username**\*)** |  | The user name used to authenticate with the MySQL server. |
| password**(**passwd**\*)** |  | The password to authenticate the user with the MySQL server. |
| password1**,**password2**, and**password3 |  | For Multi-Factor Authentication (MFA) / FIDO; password1 is an alias for password. Added in 8.0.28. |
| database**(**db**\*)** |  | The database name to use when connecting with the MySQL server. |
| host | 127.0.0.1 | The host name or IP address of the MySQL server. |
| port | 3306 | The TCP/IP port of the MySQL server. Must be an integer. |