Setting environment for using XAMPP for Windows.

727012@128-IMAC18 c:\xampp

# mysql - u root -p <products\_manufactures.sql

The system cannot find the file specified.

727012@128-IMAC18 c:\xampp

# mysql - u root -p <products\_manufactures.sql

The system cannot find the file specified.

727012@128-IMAC18 c:\xampp

# mysqldump - u root -p < products\_manufactures.sql

The system cannot find the file specified.

727012@128-IMAC18 c:\xampp

# mysqldump - u root -p

Enter password:

-- MySQL dump 10.16 Distrib 10.1.21-MariaDB, for Win32 (AMD64)

--

-- Host: localhost Database: localhost

-- ------------------------------------------------------

-- Server version 10.1.21-MariaDB

/\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;

/\*!40101 SET NAMES utf8 \*/;

/\*!40103 SET @OLD\_TIME\_ZONE=@@TIME\_ZONE \*/;

/\*!40103 SET TIME\_ZONE='+00:00' \*/;

/\*!40014 SET @OLD\_UNIQUE\_CHECKS=@@UNIQUE\_CHECKS, UNIQUE\_CHECKS=0 \*/;

/\*!40014 SET @OLD\_FOREIGN\_KEY\_CHECKS=@@FOREIGN\_KEY\_CHECKS, FOREIGN\_KEY\_CHECKS=0 \*/;

/\*!40101 SET @OLD\_SQL\_MODE=@@SQL\_MODE, SQL\_MODE='NO\_AUTO\_VALUE\_ON\_ZERO' \*/;

/\*!40111 SET @OLD\_SQL\_NOTES=@@SQL\_NOTES, SQL\_NOTES=0 \*/;

mysqldump: Got error: 1044: "Access denied for user ''@'localhost' to database '-'" when selecting the database

727012@128-IMAC18 c:\xampp

# mysql - u root -p

mysql Ver 15.1 Distrib 10.1.21-MariaDB, for Win32 (AMD64)

Copyright (c) 2000, 2016, Oracle, MariaDB Corporation Ab and others.

Usage: mysql [OPTIONS] [database]

Default options are read from the following files in the given order:

C:\Windows\my.ini C:\Windows\my.cnf C:\my.ini C:\my.cnf C:\xampp\mysql\my.ini C:\xampp\mysql\my.cnf C:\xampp\mysql\data\my.ini C:\xampp\mysql\data\my.cnf C:\xampp\mysql\bin\my.ini C:\xampp\mysql\bin\my.cnf

The following groups are read: mysql client client-server client-mariadb

The following options may be given as the first argument:

--print-defaults Print the program argument list and exit.

--no-defaults Don't read default options from any option file.

--defaults-file=# Only read default options from the given file #.

--defaults-extra-file=# Read this file after the global files are read.

-?, --help Display this help and exit.

-I, --help Synonym for -?

--abort-source-on-error

Abort 'source filename' operations in case of errors

--auto-rehash Enable automatic rehashing. One doesn't need to use

'rehash' to get table and field completion, but startup

and reconnecting may take a longer time. Disable with

--disable-auto-rehash.

(Defaults to on; use --skip-auto-rehash to disable.)

-A, --no-auto-rehash

No automatic rehashing. One has to use 'rehash' to get

table and field completion. This gives a quicker start of

mysql and disables rehashing on reconnect.

--auto-vertical-output

Automatically switch to vertical output mode if the

result is wider than the terminal width.

-B, --batch Don't use history file. Disable interactive behavior.

(Enables --silent.)

--character-sets-dir=name

Directory for character set files.

--column-type-info Display column type information.

-c, --comments Preserve comments. Send comments to the server. The

default is --skip-comments (discard comments), enable

with --comments.

-C, --compress Use compression in server/client protocol.

-#, --debug[=#] This is a non-debug version. Catch this and exit.

--debug-check Check memory and open file usage at exit.

-T, --debug-info Print some debug info at exit.

-D, --database=name Database to use.

--default-character-set=name

Set the default character set.

--delimiter=name Delimiter to be used.

-e, --execute=name Execute command and quit. (Disables --force and history

file.)

-E, --vertical Print the output of a query (rows) vertically.

-f, --force Continue even if we get an SQL error. Sets

abort-source-on-error to 0

-G, --named-commands

Enable named commands. Named commands mean this program's

internal commands; see mysql> help . When enabled, the

named commands can be used from any line of the query,

otherwise only from the first line, before an enter.

Disable with --disable-named-commands. This option is

disabled by default.

-i, --ignore-spaces Ignore space after function names.

--init-command=name SQL Command to execute when connecting to MySQL server.

Will automatically be re-executed when reconnecting.

--local-infile Enable/disable LOAD DATA LOCAL INFILE.

-b, --no-beep Turn off beep on error.

-h, --host=name Connect to host.

-H, --html Produce HTML output.

-X, --xml Produce XML output.

--line-numbers Write line numbers for errors.

(Defaults to on; use --skip-line-numbers to disable.)

-L, --skip-line-numbers

Don't write line number for errors.

-n, --unbuffered Flush buffer after each query.

--column-names Write column names in results.

(Defaults to on; use --skip-column-names to disable.)

-N, --skip-column-names

Don't write column names in results.

--sigint-ignore Ignore SIGINT (CTRL-C).

-o, --one-database Ignore statements except those that occur while the

default database is the one named at the command line.

-p, --password[=name]

Password to use when connecting to server. If password is

not given it's asked from the tty.

-W, --pipe Use named pipes to connect to server.

-P, --port=# Port number to use for connection or 0 for default to, in

order of preference, my.cnf, $MYSQL\_TCP\_PORT,

/etc/services, built-in default (3306).

--progress-reports Get progress reports for long running commands (like

ALTER TABLE)

(Defaults to on; use --skip-progress-reports to disable.)

--prompt=name Set the mysql prompt to this value.

--protocol=name The protocol to use for connection (tcp, socket, pipe,

memory).

-q, --quick Don't cache result, print it row by row. This may slow

down the server if the output is suspended. Doesn't use

history file.

-r, --raw Write fields without conversion. Used with --batch.

--reconnect Reconnect if the connection is lost. Disable with

--disable-reconnect. This option is enabled by default.

(Defaults to on; use --skip-reconnect to disable.)

-s, --silent Be more silent. Print results with a tab as separator,

each row on new line.

--shared-memory-base-name=name

Base name of shared memory.

-S, --socket=name The socket file to use for connection.

--ssl Enable SSL for connection (automatically enabled with

other flags).

--ssl-ca=name CA file in PEM format (check OpenSSL docs, implies

--ssl).

--ssl-capath=name CA directory (check OpenSSL docs, implies --ssl).

--ssl-cert=name X509 cert in PEM format (implies --ssl).

--ssl-cipher=name SSL cipher to use (implies --ssl).

--ssl-key=name X509 key in PEM format (implies --ssl).

--ssl-crl=name Certificate revocation list (implies --ssl).

--ssl-crlpath=name Certificate revocation list path (implies --ssl).

--ssl-verify-server-cert

Verify server's "Common Name" in its cert against

hostname used when connecting. This option is disabled by

default.

-t, --table Output in table format.

--tee=name Append everything into outfile. See interactive help (\h)

also. Does not work in batch mode. Disable with

--disable-tee. This option is disabled by default.

-u, --user=name User for login if not current user.

-U, --safe-updates Only allow UPDATE and DELETE that uses keys.

-U, --i-am-a-dummy Synonym for option --safe-updates, -U.

-v, --verbose Write more. (-v -v -v gives the table output format).

-V, --version Output version information and exit.

-w, --wait Wait and retry if connection is down.

--connect-timeout=# Number of seconds before connection timeout.

--max-allowed-packet=#

The maximum packet length to send to or receive from

server.

--net-buffer-length=#

The buffer size for TCP/IP and socket communication.

--select-limit=# Automatic limit for SELECT when using --safe-updates.

--max-join-size=# Automatic limit for rows in a join when using

--safe-updates.

--secure-auth Refuse client connecting to server if it uses old

(pre-4.1.1) protocol.

--server-arg=name Send embedded server this as a parameter.

--show-warnings Show warnings after every statement.

--plugin-dir=name Directory for client-side plugins.

--default-auth=name Default authentication client-side plugin to use.

--binary-mode By default, ASCII '\0' is disallowed and '\r\n' is

translated to '\n'. This switch turns off both features,

and also turns off parsing of all clientcommands except

\C and DELIMITER, in non-interactive mode (for input

piped to mysql or loaded using the 'source' command).

This is necessary when processing output from mysqlbinlog

that may contain blobs.

Variables (--variable-name=value)

and boolean options {FALSE|TRUE} Value (after reading options)

--------------------------------- ----------------------------------------

abort-source-on-error FALSE

auto-rehash FALSE

auto-vertical-output FALSE

character-sets-dir (No default value)

column-type-info FALSE

comments FALSE

compress FALSE

debug-check FALSE

debug-info FALSE

database (No default value)

default-character-set auto

delimiter ;

vertical FALSE

force FALSE

named-commands FALSE

ignore-spaces FALSE

init-command (No default value)

local-infile FALSE

no-beep FALSE

host (No default value)

html FALSE

xml FALSE

line-numbers TRUE

unbuffered FALSE

column-names TRUE

sigint-ignore FALSE

port 3306

progress-reports TRUE

prompt \N [\d]>

quick FALSE

raw FALSE

reconnect TRUE

shared-memory-base-name (No default value)

socket C:/xampp/mysql/mysql.sock

ssl FALSE

ssl-ca (No default value)

ssl-capath (No default value)

ssl-cert (No default value)

ssl-cipher (No default value)

ssl-key (No default value)

ssl-crl (No default value)

ssl-crlpath (No default value)

ssl-verify-server-cert FALSE

table FALSE

user (No default value)

safe-updates FALSE

i-am-a-dummy FALSE

connect-timeout 0

max-allowed-packet 16777216

net-buffer-length 16384

select-limit 1000

max-join-size 1000000

secure-auth FALSE

show-warnings FALSE

plugin-dir (No default value)

default-auth (No default value)

binary-mode FALSE

727012@128-IMAC18 c:\xampp

# mysql -u root -p

Enter password:

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 5

Server version: 10.1.21-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2016, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> show databases;

+--------------------+

| Database |

+--------------------+

| cityinformation |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

+--------------------+

6 rows in set (0.00 sec)

MariaDB [(none)]> create CSD2204W18

-> ;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'CSD2204W18' at line 1

MariaDB [(none)]> create database CSD2204W18;

Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> use CSD2204W18;

Database changed

MariaDB [CSD2204W18]> CREATE TABLE manu(

-> Code INTEGER(3) AUTO\_INCREMENT ,

-> Name VARCHAR(50) NOT NULL,

-> CONSTRAINT PK\_MANU PRIMARY KEY (CODE)

-> );

Query OK, 0 rows affected (0.55 sec)

MariaDB [CSD2204W18]> INSERT INTO manu(Name) VALUES('Sony');

Query OK, 1 row affected (0.05 sec)

MariaDB [CSD2204W18]> INSERT INTO manu(Name) VALUES('Creative Labs');

Query OK, 1 row affected (0.03 sec)

MariaDB [CSD2204W18]> INSERT INTO manu(Name) VALUES('Hewlett-Packard');

Query OK, 1 row affected (0.06 sec)

MariaDB [CSD2204W18]> INSERT INTO manu(Name) VALUES('Iomega');

Query OK, 1 row affected (0.03 sec)

MariaDB [CSD2204W18]> INSERT INTO manu(Name) VALUES('Fujitsu');

Query OK, 1 row affected (0.03 sec)

MariaDB [CSD2204W18]> INSERT INTO manu(Name) VALUES('Winchester');

Query OK, 1 row affected (0.02 sec)

MariaDB [CSD2204W18]> INSERT INTO manu(Name) VALUES('moxDroid Labs Inc');

Query OK, 1 row affected (0.01 sec)

MariaDB [CSD2204W18]> INSERT INTO manu(Name) VALUES("Dell");

Query OK, 1 row affected (0.02 sec)

MariaDB [CSD2204W18]> INSERT INTO manu(Name) VALUES("Bell Labs");

Query OK, 1 row affected (0.05 sec)

MariaDB [CSD2204W18]> CREATE TABLE Products (

-> Code INTEGER(3) AUTO\_INCREMENT,

-> Name VARCHAR(255) NOT NULL ,

-> Price DECIMAL NOT NULL ,

-> Manufacturer INTEGER(3),

-> CONSTRAINT PK\_PRODUCTS PRIMARY KEY (Code),

-> CONSTRAINT FK\_PRODUCTS FOREIGN KEY (Manufacturer) REFERENCES manu(Code)

-> );

Query OK, 0 rows affected (0.23 sec)

MariaDB [CSD2204W18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Hard drive',240,5);

Query OK, 1 row affected (0.08 sec)

MariaDB [CSD2204W18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Memory',120,6);

Query OK, 1 row affected (0.03 sec)

MariaDB [CSD2204W18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('ZIP drive',150,4);

Query OK, 1 row affected (0.09 sec)

MariaDB [CSD2204W18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Floppy disk',5,6);

Query OK, 1 row affected (0.02 sec)

MariaDB [CSD2204W18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Monitor',240,1);

Query OK, 1 row affected (0.02 sec)

MariaDB [CSD2204W18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('DVD drive',180,2);

Query OK, 1 row affected (0.00 sec)

MariaDB [CSD2204W18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('CD drive',90,2);

Query OK, 1 row affected (0.03 sec)

MariaDB [CSD2204W18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Printer',270,3);

Query OK, 1 row affected (0.02 sec)

MariaDB [CSD2204W18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Toner cartridge',66,3);

Query OK, 1 row affected (0.03 sec)

MariaDB [CSD2204W18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('DVD burner',180,2);

Query OK, 1 row affected (0.02 sec)

MariaDB [CSD2204W18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Printer',40.00,7);

Query OK, 1 row affected (0.03 sec)

MariaDB [CSD2204W18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Toner cartridge',54.00,7);

Query OK, 1 row affected (0.03 sec)

MariaDB [CSD2204W18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('DVD burner',78.00,7);

Query OK, 1 row affected (0.05 sec)

MariaDB [CSD2204W18]> select Products.code, Products.name,Manu.name from manu INNER JOIN Products

-> ON PRoducts.code = manu.code;

+------+-----------------+-------------------+

| code | name | name |

+------+-----------------+-------------------+

| 1 | Hard drive | Sony |

| 2 | Memory | Creative Labs |

| 3 | ZIP drive | Hewlett-Packard |

| 4 | Floppy disk | Iomega |

| 5 | Monitor | Fujitsu |

| 6 | DVD drive | Winchester |

| 7 | CD drive | moxDroid Labs Inc |

| 8 | Printer | Dell |

| 9 | Toner cartridge | Bell Labs |

+------+-----------------+-------------------+

9 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from products;

+------+-----------------+-------+--------------+

| Code | Name | Price | Manufacturer |

+------+-----------------+-------+--------------+

| 1 | Hard drive | 240 | 5 |

| 2 | Memory | 120 | 6 |

| 3 | ZIP drive | 150 | 4 |

| 4 | Floppy disk | 5 | 6 |

| 5 | Monitor | 240 | 1 |

| 6 | DVD drive | 180 | 2 |

| 7 | CD drive | 90 | 2 |

| 8 | Printer | 270 | 3 |

| 9 | Toner cartridge | 66 | 3 |

| 10 | DVD burner | 180 | 2 |

| 11 | Printer | 40 | 7 |

| 12 | Toner cartridge | 54 | 7 |

| 13 | DVD burner | 78 | 7 |

+------+-----------------+-------+--------------+

13 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from manu;

+------+-------------------+

| Code | Name |

+------+-------------------+

| 1 | Sony |

| 2 | Creative Labs |

| 3 | Hewlett-Packard |

| 4 | Iomega |

| 5 | Fujitsu |

| 6 | Winchester |

| 7 | moxDroid Labs Inc |

| 8 | Dell |

| 9 | Bell Labs |

+------+-------------------+

9 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select count(\*),manufracturer from products as p INNER JOIN manu m ON

-> m.code=p.manufacturer group by manufacturer;

ERROR 1054 (42S22): Unknown column 'manufracturer' in 'field list'

MariaDB [CSD2204W18]> select count(\*),manufacturer from products as p INNER JOIN manu m ON

-> m.code=p.manufacturer group by manufacturer;

+----------+--------------+

| count(\*) | manufacturer |

+----------+--------------+

| 1 | 1 |

| 3 | 2 |

| 2 | 3 |

| 1 | 4 |

| 1 | 5 |

| 2 | 6 |

| 3 | 7 |

+----------+--------------+

7 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from products;

+------+-----------------+-------+--------------+

| Code | Name | Price | Manufacturer |

+------+-----------------+-------+--------------+

| 1 | Hard drive | 240 | 5 |

| 2 | Memory | 120 | 6 |

| 3 | ZIP drive | 150 | 4 |

| 4 | Floppy disk | 5 | 6 |

| 5 | Monitor | 240 | 1 |

| 6 | DVD drive | 180 | 2 |

| 7 | CD drive | 90 | 2 |

| 8 | Printer | 270 | 3 |

| 9 | Toner cartridge | 66 | 3 |

| 10 | DVD burner | 180 | 2 |

| 11 | Printer | 40 | 7 |

| 12 | Toner cartridge | 54 | 7 |

| 13 | DVD burner | 78 | 7 |

+------+-----------------+-------+--------------+

13 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select count(\*),manufacturer,name from products as p INNER JOIN manu m ON

-> m.code=p.manufacturer group by manufacturer;

ERROR 1052 (23000): Column 'name' in field list is ambiguous

MariaDB [CSD2204W18]> select count(\*),manufacturer,m.name from products as p INNER JOIN manu m ON

-> m.code=p.manufacturer group by manufacturer;

+----------+--------------+-------------------+

| count(\*) | manufacturer | name |

+----------+--------------+-------------------+

| 1 | 1 | Sony |

| 3 | 2 | Creative Labs |

| 2 | 3 | Hewlett-Packard |

| 1 | 4 | Iomega |

| 1 | 5 | Fujitsu |

| 2 | 6 | Winchester |

| 3 | 7 | moxDroid Labs Inc |

+----------+--------------+-------------------+

7 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select count(\*),manufacturer,name from products as p INNER JOIN manu m ON

-> m.code=p.manufacturer group by manufacturer having manufacturer < 4;

ERROR 1052 (23000): Column 'name' in field list is ambiguous

MariaDB [CSD2204W18]> select count(\*),manufacturer,m.name from products as p INNER JOIN manu m ON

-> m.code=p.manufacturer group by manufacturer having manufacturer < 4;

+----------+--------------+-----------------+

| count(\*) | manufacturer | name |

+----------+--------------+-----------------+

| 1 | 1 | Sony |

| 3 | 2 | Creative Labs |

| 2 | 3 | Hewlett-Packard |

+----------+--------------+-----------------+

3 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select count(\*),manufacturer,m.name from products as p INNER JOIN manu m ON

-> m.code=p.manufacturer group by manufacturer having manufacturer NOT IN(4);

+----------+--------------+-------------------+

| count(\*) | manufacturer | name |

+----------+--------------+-------------------+

| 1 | 1 | Sony |

| 3 | 2 | Creative Labs |

| 2 | 3 | Hewlett-Packard |

| 1 | 5 | Fujitsu |

| 2 | 6 | Winchester |

| 3 | 7 | moxDroid Labs Inc |

+----------+--------------+-------------------+

6 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select count(\*),manufacturer,m.name from products as p INNER JOIN manu m ON

-> m.code=p.manufacturer group by manufacturer having count(\*) = 2;

+----------+--------------+-----------------+

| count(\*) | manufacturer | name |

+----------+--------------+-----------------+

| 2 | 3 | Hewlett-Packard |

| 2 | 6 | Winchester |

+----------+--------------+-----------------+

2 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select count(\*),manufacturer,m.name from products as p INNER JOIN manu m ON

-> m.code=p.manufacturer group by manufacturer having count(\*) > 2;

+----------+--------------+-------------------+

| count(\*) | manufacturer | name |

+----------+--------------+-------------------+

| 3 | 2 | Creative Labs |

| 3 | 7 | moxDroid Labs Inc |

+----------+--------------+-------------------+

2 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select count(\*),manufacturer,m.name from products as p INNER JOIN manu m ON

-> m.code=p.manufacturer group by manufacturer having count(manufacturer) > 2;

+----------+--------------+-------------------+

| count(\*) | manufacturer | name |

+----------+--------------+-------------------+

| 3 | 2 | Creative Labs |

| 3 | 7 | moxDroid Labs Inc |

+----------+--------------+-------------------+

2 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select count(\*),manufacturer,m.name from products as p INNER JOIN manu m ON

-> m.code=p.manufacturer group by manufacturer having manufacturer IN(2,3);

+----------+--------------+-----------------+

| count(\*) | manufacturer | name |

+----------+--------------+-----------------+

| 3 | 2 | Creative Labs |

| 2 | 3 | Hewlett-Packard |

+----------+--------------+-----------------+

2 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select count(\*),manufacturer,m.name from products as p INNER JOIN manu m ON

-> m.code=p.manufacturer group by manufacturer having m.code IN(2,3);

ERROR 1054 (42S22): Unknown column 'm.code' in 'having clause'

MariaDB [CSD2204W18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM MANU

-> LEFT JOIN PRODUCTS

-> ON PRODUCTS.CODE = MANU.CODE;

+------+-----------------+-------------------+

| CODE | NAME | NAME |

+------+-----------------+-------------------+

| 1 | Hard drive | Sony |

| 2 | Memory | Creative Labs |

| 3 | ZIP drive | Hewlett-Packard |

| 4 | Floppy disk | Iomega |

| 5 | Monitor | Fujitsu |

| 6 | DVD drive | Winchester |

| 7 | CD drive | moxDroid Labs Inc |

| 8 | Printer | Dell |

| 9 | Toner cartridge | Bell Labs |

+------+-----------------+-------------------+

9 rows in set (0.00 sec)

MariaDB [CSD2204W18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM PRODUCTS

-> LEFT JOIN MANU

-> ON PRODUCTS.CODE = MANU.CODE;

+------+-----------------+-------------------+

| CODE | NAME | NAME |

+------+-----------------+-------------------+

| 1 | Hard drive | Sony |

| 2 | Memory | Creative Labs |

| 3 | ZIP drive | Hewlett-Packard |

| 4 | Floppy disk | Iomega |

| 5 | Monitor | Fujitsu |

| 6 | DVD drive | Winchester |

| 7 | CD drive | moxDroid Labs Inc |

| 8 | Printer | Dell |

| 9 | Toner cartridge | Bell Labs |

| 10 | DVD burner | NULL |

| 11 | Printer | NULL |

| 12 | Toner cartridge | NULL |

| 13 | DVD burner | NULL |

+------+-----------------+-------------------+

13 rows in set (0.00 sec)

MariaDB [CSD2204W18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM PRODUCTS

-> LEFT JOIN MANU

-> ON PRODUCTS.manu = MANU.CODE;

ERROR 1054 (42S22): Unknown column 'PRODUCTS.manu' in 'on clause'

MariaDB [CSD2204W18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> from products

-> LEFT JOIN MANU ON manu.code = products.manu;

ERROR 1054 (42S22): Unknown column 'products.manu' in 'on clause'

MariaDB [CSD2204W18]> LEFT JOIN MANU ON manu.code = products.manufacturer;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'LEFT JOIN MANU ON manu.code = products.manufacturer' at line 1

MariaDB [CSD2204W18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM PRODUCTS

-> LEFT JOIN MANU

-> ON PRODUCTS.CODE = MANU.CODE;

+------+-----------------+-------------------+

| CODE | NAME | NAME |

+------+-----------------+-------------------+

| 1 | Hard drive | Sony |

| 2 | Memory | Creative Labs |

| 3 | ZIP drive | Hewlett-Packard |

| 4 | Floppy disk | Iomega |

| 5 | Monitor | Fujitsu |

| 6 | DVD drive | Winchester |

| 7 | CD drive | moxDroid Labs Inc |

| 8 | Printer | Dell |

| 9 | Toner cartridge | Bell Labs |

| 10 | DVD burner | NULL |

| 11 | Printer | NULL |

| 12 | Toner cartridge | NULL |

| 13 | DVD burner | NULL |

+------+-----------------+-------------------+

13 rows in set (0.00 sec)

MariaDB [CSD2204W18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM PRODUCTS

-> LEFT JOIN MANU

-> ON manu.CODE = products.manu;

ERROR 1054 (42S22): Unknown column 'products.manu' in 'on clause'

MariaDB [CSD2204W18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM PRODUCTS

-> LEFT JOIN MANU

-> ON manu.code = products.manufacturer;

+------+-----------------+-------------------+

| CODE | NAME | NAME |

+------+-----------------+-------------------+

| 1 | Hard drive | Fujitsu |

| 2 | Memory | Winchester |

| 3 | ZIP drive | Iomega |

| 4 | Floppy disk | Winchester |

| 5 | Monitor | Sony |

| 6 | DVD drive | Creative Labs |

| 7 | CD drive | Creative Labs |

| 8 | Printer | Hewlett-Packard |

| 9 | Toner cartridge | Hewlett-Packard |

| 10 | DVD burner | Creative Labs |

| 11 | Printer | moxDroid Labs Inc |

| 12 | Toner cartridge | moxDroid Labs Inc |

| 13 | DVD burner | moxDroid Labs Inc |

+------+-----------------+-------------------+

13 rows in set (0.00 sec)

MariaDB [CSD2204W18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM PRODUCTS

-> LEFT JOIN MANU

-> ON PRODUCTS.CODE = products.manufacturer;

+------+-----------------+------+

| CODE | NAME | NAME |

+------+-----------------+------+

| 1 | Hard drive | NULL |

| 2 | Memory | NULL |

| 3 | ZIP drive | NULL |

| 4 | Floppy disk | NULL |

| 5 | Monitor | NULL |

| 6 | DVD drive | NULL |

| 7 | CD drive | NULL |

| 8 | Printer | NULL |

| 9 | Toner cartridge | NULL |

| 10 | DVD burner | NULL |

| 11 | Printer | NULL |

| 12 | Toner cartridge | NULL |

| 13 | DVD burner | NULL |

+------+-----------------+------+

13 rows in set (0.00 sec)

MariaDB [CSD2204W18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM PRODUCTS

-> LEFT JOIN MANU

-> ON manu.manufacturer = products.manufacturer;

ERROR 1054 (42S22): Unknown column 'manu.manufacturer' in 'on clause'

MariaDB [CSD2204W18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM PRODUCTS

-> LEFT JOIN MANU

-> ON PRODUCTS.manufacturer = MANU.CODE;

+------+-----------------+-------------------+

| CODE | NAME | NAME |

+------+-----------------+-------------------+

| 1 | Hard drive | Fujitsu |

| 2 | Memory | Winchester |

| 3 | ZIP drive | Iomega |

| 4 | Floppy disk | Winchester |

| 5 | Monitor | Sony |

| 6 | DVD drive | Creative Labs |

| 7 | CD drive | Creative Labs |

| 8 | Printer | Hewlett-Packard |

| 9 | Toner cartridge | Hewlett-Packard |

| 10 | DVD burner | Creative Labs |

| 11 | Printer | moxDroid Labs Inc |

| 12 | Toner cartridge | moxDroid Labs Inc |

| 13 | DVD burner | moxDroid Labs Inc |

+------+-----------------+-------------------+

13 rows in set (0.00 sec)

MariaDB [CSD2204W18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM PRODUCTS

-> LEFT JOIN MANU

-> ON PRODUCTS.CODE = manu.code;

+------+-----------------+-------------------+

| CODE | NAME | NAME |

+------+-----------------+-------------------+

| 1 | Hard drive | Sony |

| 2 | Memory | Creative Labs |

| 3 | ZIP drive | Hewlett-Packard |

| 4 | Floppy disk | Iomega |

| 5 | Monitor | Fujitsu |

| 6 | DVD drive | Winchester |

| 7 | CD drive | moxDroid Labs Inc |

| 8 | Printer | Dell |

| 9 | Toner cartridge | Bell Labs |

| 10 | DVD burner | NULL |

| 11 | Printer | NULL |

| 12 | Toner cartridge | NULL |

| 13 | DVD burner | NULL |

+------+-----------------+-------------------+

13 rows in set (0.00 sec)

MariaDB [CSD2204W18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM PRODUCTS

-> LEFT JOIN MANU

-> ON PRODUCTS.CODE = MANU.CODE;

+------+-----------------+-------------------+

| CODE | NAME | NAME |

+------+-----------------+-------------------+

| 1 | Hard drive | Sony |

| 2 | Memory | Creative Labs |

| 3 | ZIP drive | Hewlett-Packard |

| 4 | Floppy disk | Iomega |

| 5 | Monitor | Fujitsu |

| 6 | DVD drive | Winchester |

| 7 | CD drive | moxDroid Labs Inc |

| 8 | Printer | Dell |

| 9 | Toner cartridge | Bell Labs |

| 10 | DVD burner | NULL |

| 11 | Printer | NULL |

| 12 | Toner cartridge | NULL |

| 13 | DVD burner | NULL |

+------+-----------------+-------------------+

13 rows in set (0.00 sec)

MariaDB [CSD2204W18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM MANU

-> LEFT JOIN PRODUCTS

-> ON PRODUCTS.manufacturer = MANU.CODE;

+------+-----------------+-------------------+

| CODE | NAME | NAME |

+------+-----------------+-------------------+

| 5 | Monitor | Sony |

| 6 | DVD drive | Creative Labs |

| 7 | CD drive | Creative Labs |

| 10 | DVD burner | Creative Labs |

| 8 | Printer | Hewlett-Packard |

| 9 | Toner cartridge | Hewlett-Packard |

| 3 | ZIP drive | Iomega |

| 1 | Hard drive | Fujitsu |

| 2 | Memory | Winchester |

| 4 | Floppy disk | Winchester |

| 11 | Printer | moxDroid Labs Inc |

| 12 | Toner cartridge | moxDroid Labs Inc |

| 13 | DVD burner | moxDroid Labs Inc |

| NULL | NULL | Dell |

| NULL | NULL | Bell Labs |

+------+-----------------+-------------------+

15 rows in set (0.00 sec)

MariaDB [CSD2204W18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM MANU

-> RIGHT JOIN PRODUCTS

-> ON PRODUCTS.CODE = MANU.CODE;

+------+-----------------+-------------------+

| CODE | NAME | NAME |

+------+-----------------+-------------------+

| 1 | Hard drive | Sony |

| 2 | Memory | Creative Labs |

| 3 | ZIP drive | Hewlett-Packard |

| 4 | Floppy disk | Iomega |

| 5 | Monitor | Fujitsu |

| 6 | DVD drive | Winchester |

| 7 | CD drive | moxDroid Labs Inc |

| 8 | Printer | Dell |

| 9 | Toner cartridge | Bell Labs |

| 10 | DVD burner | NULL |

| 11 | Printer | NULL |

| 12 | Toner cartridge | NULL |

| 13 | DVD burner | NULL |

+------+-----------------+-------------------+

13 rows in set (0.00 sec)

MariaDB [CSD2204W18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM PRODUCTS

-> RIGHT JOIN MANU

-> ON PRODUCTS.CODE = MANU.CODE;

+------+-----------------+-------------------+

| CODE | NAME | NAME |

+------+-----------------+-------------------+

| 1 | Hard drive | Sony |

| 2 | Memory | Creative Labs |

| 3 | ZIP drive | Hewlett-Packard |

| 4 | Floppy disk | Iomega |

| 5 | Monitor | Fujitsu |

| 6 | DVD drive | Winchester |

| 7 | CD drive | moxDroid Labs Inc |

| 8 | Printer | Dell |

| 9 | Toner cartridge | Bell Labs |

+------+-----------------+-------------------+

9 rows in set (0.00 sec)

MariaDB [CSD2204W18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM MANU

-> RIGHT JOIN PRODUCTS

-> ON manu.code = products.manufacturer;

+------+-----------------+-------------------+

| CODE | NAME | NAME |

+------+-----------------+-------------------+

| 1 | Hard drive | Fujitsu |

| 2 | Memory | Winchester |

| 3 | ZIP drive | Iomega |

| 4 | Floppy disk | Winchester |

| 5 | Monitor | Sony |

| 6 | DVD drive | Creative Labs |

| 7 | CD drive | Creative Labs |

| 8 | Printer | Hewlett-Packard |

| 9 | Toner cartridge | Hewlett-Packard |

| 10 | DVD burner | Creative Labs |

| 11 | Printer | moxDroid Labs Inc |

| 12 | Toner cartridge | moxDroid Labs Inc |

| 13 | DVD burner | moxDroid Labs Inc |

+------+-----------------+-------------------+

13 rows in set (0.00 sec)

MariaDB [CSD2204W18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM PRODUCTS

-> RIGHT JOIN MANU

-> ON manu.code = products.manufacturer;

+------+-----------------+-------------------+

| CODE | NAME | NAME |

+------+-----------------+-------------------+

| 5 | Monitor | Sony |

| 6 | DVD drive | Creative Labs |

| 7 | CD drive | Creative Labs |

| 10 | DVD burner | Creative Labs |

| 8 | Printer | Hewlett-Packard |

| 9 | Toner cartridge | Hewlett-Packard |

| 3 | ZIP drive | Iomega |

| 1 | Hard drive | Fujitsu |

| 2 | Memory | Winchester |

| 4 | Floppy disk | Winchester |

| 11 | Printer | moxDroid Labs Inc |

| 12 | Toner cartridge | moxDroid Labs Inc |

| 13 | DVD burner | moxDroid Labs Inc |

| NULL | NULL | Dell |

| NULL | NULL | Bell Labs |

+------+-----------------+-------------------+

15 rows in set (0.00 sec)

MariaDB [CSD2204W18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM PRODUCTS

-> LEFT JOIN MANU

-> ON PRODUCTS.CODE = MANU.CODE

-> UNION

-> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM PRODUCTS

-> RIGHT JOIN MANU

-> ON PRODUCTS.CODE = MANU.CODE;

+------+-----------------+-------------------+

| CODE | NAME | NAME |

+------+-----------------+-------------------+

| 1 | Hard drive | Sony |

| 2 | Memory | Creative Labs |

| 3 | ZIP drive | Hewlett-Packard |

| 4 | Floppy disk | Iomega |

| 5 | Monitor | Fujitsu |

| 6 | DVD drive | Winchester |

| 7 | CD drive | moxDroid Labs Inc |

| 8 | Printer | Dell |

| 9 | Toner cartridge | Bell Labs |

| 10 | DVD burner | NULL |

| 11 | Printer | NULL |

| 12 | Toner cartridge | NULL |

| 13 | DVD burner | NULL |

+------+-----------------+-------------------+

13 rows in set (0.00 sec)

MariaDB [CSD2204W18]> SELECT P1.CODE, P1.NAME, P2.NAME

-> FROM Products P1, Products P2

-> WHERE P1.CODE <> P2.CODE;

+------+-----------------+-----------------+

| CODE | NAME | NAME |

+------+-----------------+-----------------+

| 2 | Memory | Hard drive |

| 3 | ZIP drive | Hard drive |

| 4 | Floppy disk | Hard drive |

| 5 | Monitor | Hard drive |

| 6 | DVD drive | Hard drive |

| 7 | CD drive | Hard drive |

| 8 | Printer | Hard drive |

| 9 | Toner cartridge | Hard drive |

| 10 | DVD burner | Hard drive |

| 11 | Printer | Hard drive |

| 12 | Toner cartridge | Hard drive |

| 13 | DVD burner | Hard drive |

| 1 | Hard drive | Memory |

| 3 | ZIP drive | Memory |

| 4 | Floppy disk | Memory |

| 5 | Monitor | Memory |

| 6 | DVD drive | Memory |

| 7 | CD drive | Memory |

| 8 | Printer | Memory |

| 9 | Toner cartridge | Memory |

| 10 | DVD burner | Memory |

| 11 | Printer | Memory |

| 12 | Toner cartridge | Memory |

| 13 | DVD burner | Memory |

| 1 | Hard drive | ZIP drive |

| 2 | Memory | ZIP drive |

| 4 | Floppy disk | ZIP drive |

| 5 | Monitor | ZIP drive |

| 6 | DVD drive | ZIP drive |

| 7 | CD drive | ZIP drive |

| 8 | Printer | ZIP drive |

| 9 | Toner cartridge | ZIP drive |

| 10 | DVD burner | ZIP drive |

| 11 | Printer | ZIP drive |

| 12 | Toner cartridge | ZIP drive |

| 13 | DVD burner | ZIP drive |

| 1 | Hard drive | Floppy disk |

| 2 | Memory | Floppy disk |

| 3 | ZIP drive | Floppy disk |

| 5 | Monitor | Floppy disk |

| 6 | DVD drive | Floppy disk |

| 7 | CD drive | Floppy disk |

| 8 | Printer | Floppy disk |

| 9 | Toner cartridge | Floppy disk |

| 10 | DVD burner | Floppy disk |

| 11 | Printer | Floppy disk |

| 12 | Toner cartridge | Floppy disk |

| 13 | DVD burner | Floppy disk |

| 1 | Hard drive | Monitor |

| 2 | Memory | Monitor |

| 3 | ZIP drive | Monitor |

| 4 | Floppy disk | Monitor |

| 6 | DVD drive | Monitor |

| 7 | CD drive | Monitor |

| 8 | Printer | Monitor |

| 9 | Toner cartridge | Monitor |

| 10 | DVD burner | Monitor |

| 11 | Printer | Monitor |

| 12 | Toner cartridge | Monitor |

| 13 | DVD burner | Monitor |

| 1 | Hard drive | DVD drive |

| 2 | Memory | DVD drive |

| 3 | ZIP drive | DVD drive |

| 4 | Floppy disk | DVD drive |

| 5 | Monitor | DVD drive |

| 7 | CD drive | DVD drive |

| 8 | Printer | DVD drive |

| 9 | Toner cartridge | DVD drive |

| 10 | DVD burner | DVD drive |

| 11 | Printer | DVD drive |

| 12 | Toner cartridge | DVD drive |

| 13 | DVD burner | DVD drive |

| 1 | Hard drive | CD drive |

| 2 | Memory | CD drive |

| 3 | ZIP drive | CD drive |

| 4 | Floppy disk | CD drive |

| 5 | Monitor | CD drive |

| 6 | DVD drive | CD drive |

| 8 | Printer | CD drive |

| 9 | Toner cartridge | CD drive |

| 10 | DVD burner | CD drive |

| 11 | Printer | CD drive |

| 12 | Toner cartridge | CD drive |

| 13 | DVD burner | CD drive |

| 1 | Hard drive | Printer |

| 2 | Memory | Printer |

| 3 | ZIP drive | Printer |

| 4 | Floppy disk | Printer |

| 5 | Monitor | Printer |

| 6 | DVD drive | Printer |

| 7 | CD drive | Printer |

| 9 | Toner cartridge | Printer |

| 10 | DVD burner | Printer |

| 11 | Printer | Printer |

| 12 | Toner cartridge | Printer |

| 13 | DVD burner | Printer |

| 1 | Hard drive | Toner cartridge |

| 2 | Memory | Toner cartridge |

| 3 | ZIP drive | Toner cartridge |

| 4 | Floppy disk | Toner cartridge |

| 5 | Monitor | Toner cartridge |

| 6 | DVD drive | Toner cartridge |

| 7 | CD drive | Toner cartridge |

| 8 | Printer | Toner cartridge |

| 10 | DVD burner | Toner cartridge |

| 11 | Printer | Toner cartridge |

| 12 | Toner cartridge | Toner cartridge |

| 13 | DVD burner | Toner cartridge |

| 1 | Hard drive | DVD burner |

| 2 | Memory | DVD burner |

| 3 | ZIP drive | DVD burner |

| 4 | Floppy disk | DVD burner |

| 5 | Monitor | DVD burner |

| 6 | DVD drive | DVD burner |

| 7 | CD drive | DVD burner |

| 8 | Printer | DVD burner |

| 9 | Toner cartridge | DVD burner |

| 11 | Printer | DVD burner |

| 12 | Toner cartridge | DVD burner |

| 13 | DVD burner | DVD burner |

| 1 | Hard drive | Printer |

| 2 | Memory | Printer |

| 3 | ZIP drive | Printer |

| 4 | Floppy disk | Printer |

| 5 | Monitor | Printer |

| 6 | DVD drive | Printer |

| 7 | CD drive | Printer |

| 8 | Printer | Printer |

| 9 | Toner cartridge | Printer |

| 10 | DVD burner | Printer |

| 12 | Toner cartridge | Printer |

| 13 | DVD burner | Printer |

| 1 | Hard drive | Toner cartridge |

| 2 | Memory | Toner cartridge |

| 3 | ZIP drive | Toner cartridge |

| 4 | Floppy disk | Toner cartridge |

| 5 | Monitor | Toner cartridge |

| 6 | DVD drive | Toner cartridge |

| 7 | CD drive | Toner cartridge |

| 8 | Printer | Toner cartridge |

| 9 | Toner cartridge | Toner cartridge |

| 10 | DVD burner | Toner cartridge |

| 11 | Printer | Toner cartridge |

| 13 | DVD burner | Toner cartridge |

| 1 | Hard drive | DVD burner |

| 2 | Memory | DVD burner |

| 3 | ZIP drive | DVD burner |

| 4 | Floppy disk | DVD burner |

| 5 | Monitor | DVD burner |

| 6 | DVD drive | DVD burner |

| 7 | CD drive | DVD burner |

| 8 | Printer | DVD burner |

| 9 | Toner cartridge | DVD burner |

| 10 | DVD burner | DVD burner |

| 11 | Printer | DVD burner |

| 12 | Toner cartridge | DVD burner |

+------+-----------------+-----------------+

156 rows in set (0.00 sec)

MariaDB [CSD2204W18]> create table pet(

-> name varchar(20),

-> owner varchar(20),

-> species varchar(20),

-> sex char(1);

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near '' at line 5

MariaDB [CSD2204W18]> create table pet(

-> name varchar(20),

-> owner varchar(20),

-> species varchar(20),

-> sex char(1),

-> birth DATE,

-> death DATE

-> );

Query OK, 0 rows affected (0.31 sec)

MariaDB [CSD2204W18]> LOAD DATA INFILE 'C:\xampp\pet.txt' INTO TABLE pet;

ERROR 29 (HY000): File 'C:\xampp\mysql\data\xampppet.txt' not found (Errcode: 2 "No such file or directory")

MariaDB [CSD2204W18]> LOAD DATA INFILE 'C:\xampp\pet.txt' INTO TABLE pet;

ERROR 29 (HY000): File 'C:\xampp\mysql\data\xampppet.txt' not found (Errcode: 2 "No such file or directory")

MariaDB [CSD2204W18]> LOAD DATA INFILE C:\xampp\pet.txt INTO TABLE pet;

ERROR: Unknown command '\x'.

--------------

LOAD DATA INFILE C:\xampp

--------------

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'C:\xamppet.txt INTO TABLE pet' at line 1

MariaDB [CSD2204W18]> LOAD DATA INFILE 'C:\xampp\pet.txt' INTO TABLE pet;

ERROR 29 (HY000): File 'C:\xampp\mysql\data\xampppet.txt' not found (Errcode: 2 "No such file or directory")

MariaDB [CSD2204W18]> load data infile 'c:\xampp\pet.txt' into table pet;

ERROR 29 (HY000): File 'C:\xampp\mysql\data\xampppet.txt' not found (Errcode: 2 "No such file or directory")

MariaDB [CSD2204W18]> load data infile 'c:\xampp/pet.txt' into table pet;

ERROR 29 (HY000): File 'C:\xampp\mysql\data\xampp\pet.txt' not found (Errcode: 2 "No such file or directory")

MariaDB [CSD2204W18]> load data infile 'c:\Downloads\pet.txt' into table pet;

ERROR 29 (HY000): File 'C:\xampp\mysql\data\Downloadspet.txt' not found (Errcode: 2 "No such file or directory")

MariaDB [CSD2204W18]> load data infile 'c:/xampp/pet.txt' into table pet;

Query OK, 8 rows affected, 7 warnings (0.08 sec)

Records: 8 Deleted: 0 Skipped: 0 Warnings: 7

MariaDB [CSD2204W18]> select \*from pet;

+----------+--------+---------+------+------------+------------+

| name | owner | species | sex | birth | death |

+----------+--------+---------+------+------------+------------+

| Fluffy | Harold | cat | f | 1993-02-04 | 0000-00-00 |

| Claws | Gwen | cat | m | 1994-03-17 | 0000-00-00 |

| Buffy | Harold | dog | f | 1989-05-13 | 0000-00-00 |

| Fang | Benny | dog | m | 1990-08-27 | 0000-00-00 |

| Bowser | Diane | dog | m | 1979-08-31 | 1995-07-29 |

| Chirpy | Gwen | bird | f | 1998-09-11 | 0000-00-00 |

| Whistler | Gwen | bird | | 1997-12-09 | 0000-00-00 |

| Slim | Benny | snake | m | 1996-04-29 | 0000-00-00 |

+----------+--------+---------+------+------------+------------+

8 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select curdate();

+------------+

| curdate() |

+------------+

| 2018-01-16 |

+------------+

1 row in set (0.00 sec)

MariaDB [CSD2204W18]> select now();

+---------------------+

| now() |

+---------------------+

| 2018-01-16 10:17:22 |

+---------------------+

1 row in set (0.00 sec)

MariaDB [CSD2204W18]> select name,birth from pet;

+----------+------------+

| name | birth |

+----------+------------+

| Fluffy | 1993-02-04 |

| Claws | 1994-03-17 |

| Buffy | 1989-05-13 |

| Fang | 1990-08-27 |

| Bowser | 1979-08-31 |

| Chirpy | 1998-09-11 |

| Whistler | 1997-12-09 |

| Slim | 1996-04-29 |

+----------+------------+

8 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select name,TIMESTAMPDIFF(Year,birth,curdate()) AS "AGE" from pet;

+----------+------+

| name | AGE |

+----------+------+

| Fluffy | 24 |

| Claws | 23 |

| Buffy | 28 |

| Fang | 27 |

| Bowser | 38 |

| Chirpy | 19 |

| Whistler | 20 |

| Slim | 21 |

+----------+------+

8 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select name,TIMESTAMPDIFF(month,birth,curdate()) AS "AGE" from pet;

+----------+------+

| name | AGE |

+----------+------+

| Fluffy | 299 |

| Claws | 285 |

| Buffy | 344 |

| Fang | 328 |

| Bowser | 460 |

| Chirpy | 232 |

| Whistler | 241 |

| Slim | 260 |

+----------+------+

8 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select name,TIMESTAMPDIFF(Year,birth,curdate()) AS "AGE" from pet;

+----------+------+

| name | AGE |

+----------+------+

| Fluffy | 24 |

| Claws | 23 |

| Buffy | 28 |

| Fang | 27 |

| Bowser | 38 |

| Chirpy | 19 |

| Whistler | 20 |

| Slim | 21 |

+----------+------+

8 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select name,TIMESTAMPDIFF(Year,birth,curdate()) > 23 AS "AGE" from pet;

+----------+------+

| name | AGE |

+----------+------+

| Fluffy | 1 |

| Claws | 0 |

| Buffy | 1 |

| Fang | 1 |

| Bowser | 1 |

| Chirpy | 0 |

| Whistler | 0 |

| Slim | 0 |

+----------+------+

8 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select name, where TIMESTAMPDIFF(Year,birth,curdate()) AS "AGE" > 23;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'where TIMESTAMPDIFF(Year,birth,curdate()) AS "AGE" > 23' at line 1

MariaDB [CSD2204W18]> select name, where TIMESTAMPDIFF(Year,birth,curdate()) >23 AS "AGE" ;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'where TIMESTAMPDIFF(Year,birth,curdate()) >23 AS "AGE"' at line 1

MariaDB [CSD2204W18]> select name, TIMESTAMPDIFF(Year,birth,curdate()) "AGE" where AGE > 23;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'where AGE > 23' at line 1

MariaDB [CSD2204W18]> select name, TIMESTAMPDIFF(Year,birth,curdate()) "AGE" where "AGE" > 23;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'where "AGE" > 23' at line 1

MariaDB [CSD2204W18]> select name, TIMESTAMPDIFF(Year,birth,curdate()) "AGE" where TIMESTAMPDIFF(Year,birth,curdate()) >23;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'where TIMESTAMPDIFF(Year,birth,curdate()) >23' at line 1

MariaDB [CSD2204W18]> select name, TIMESTAMPDIFF(Year,birth,curdate()) "AGE" where TIMESTAMPDIFF(Year,birth,curdate()) > 23;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'where TIMESTAMPDIFF(Year,birth,curdate()) > 23' at line 1

MariaDB [CSD2204W18]> select name, TIMESTAMPDIFF(Year,birth,curdate()) "AGE" from pet where TIMESTAMPDIFF(Year,birth,curdate()) >23;

+--------+------+

| name | AGE |

+--------+------+

| Fluffy | 24 |

| Buffy | 28 |

| Fang | 27 |

| Bowser | 38 |

+--------+------+

4 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select curtime();

+-----------+

| curtime() |

+-----------+

| 10:30:59 |

+-----------+

1 row in set (0.00 sec)

MariaDB [CSD2204W18]> select day();

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near ')' at line 1

MariaDB [CSD2204W18]> select Day(curdate());

+----------------+

| Day(curdate()) |

+----------------+

| 16 |

+----------------+

1 row in set (0.00 sec)

MariaDB [CSD2204W18]> select Dayofmonth(curdate());

+-----------------------+

| Dayofmonth(curdate()) |

+-----------------------+

| 16 |

+-----------------------+

1 row in set (0.00 sec)

MariaDB [CSD2204W18]> select Dayofweek(curdate());

+----------------------+

| Dayofweek(curdate()) |

+----------------------+

| 3 |

+----------------------+

1 row in set (0.00 sec)

MariaDB [CSD2204W18]> select Dayname(curdate());

+--------------------+

| Dayname(curdate()) |

+--------------------+

| Tuesday |

+--------------------+

1 row in set (0.00 sec)

MariaDB [CSD2204W18]> select currenttimestamp();

ERROR 1305 (42000): FUNCTION csd2204w18.currenttimestamp does not exist

MariaDB [CSD2204W18]> select now();

+---------------------+

| now() |

+---------------------+

| 2018-01-16 10:34:30 |

+---------------------+

1 row in set (0.00 sec)

MariaDB [CSD2204W18]> select weekofyear(year);

ERROR 1054 (42S22): Unknown column 'year' in 'field list'

MariaDB [CSD2204W18]> select weekofyear();

ERROR 1582 (42000): Incorrect parameter count in the call to native function 'weekofyear'

MariaDB [CSD2204W18]> select weekofyear(curdate());

+-----------------------+

| weekofyear(curdate()) |

+-----------------------+

| 3 |

+-----------------------+

1 row in set (0.00 sec)

MariaDB [CSD2204W18]> exit

Bye

727012@128-IMAC18 c:\xampp

# mysqldump -u root -p >Day7.sql

Usage: mysqldump [OPTIONS] database [tables]

OR mysqldump [OPTIONS] --databases [OPTIONS] DB1 [DB2 DB3...]

OR mysqldump [OPTIONS] --all-databases [OPTIONS]

For more options, use mysqldump --help

727012@128-IMAC18 c:\xampp

# mysqldump -u root -p CSD2204W18>Day7.sql

Enter password:

727012@128-IMAC18 c:\xampp

# mysqlroot -u root -p

'mysqlroot' is not recognized as an internal or external command,

operable program or batch file.

727012@128-IMAC18 c:\xampp

#

727012@128-IMAC18 c:\xampp

# mysql -u root -p

Enter password:

Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 7

Server version: 10.1.21-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2016, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> use CSD2204W18;

Database changed

MariaDB [CSD2204W18]> show tables;

+----------------------+

| Tables\_in\_csd2204w18 |

+----------------------+

| manu |

| pet |

| products |

+----------------------+

3 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet;

+----------+--------+---------+------+------------+------------+

| name | owner | species | sex | birth | death |

+----------+--------+---------+------+------------+------------+

| Fluffy | Harold | cat | f | 1993-02-04 | 0000-00-00 |

| Claws | Gwen | cat | m | 1994-03-17 | 0000-00-00 |

| Buffy | Harold | dog | f | 1989-05-13 | 0000-00-00 |

| Fang | Benny | dog | m | 1990-08-27 | 0000-00-00 |

| Bowser | Diane | dog | m | 1979-08-31 | 1995-07-29 |

| Chirpy | Gwen | bird | f | 1998-09-11 | 0000-00-00 |

| Whistler | Gwen | bird | | 1997-12-09 | 0000-00-00 |

| Slim | Benny | snake | m | 1996-04-29 | 0000-00-00 |

+----------+--------+---------+------+------------+------------+

8 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^F';

+--------+--------+---------+------+------------+------------+

| name | owner | species | sex | birth | death |

+--------+--------+---------+------+------------+------------+

| Fluffy | Harold | cat | f | 1993-02-04 | 0000-00-00 |

| Fang | Benny | dog | m | 1990-08-27 | 0000-00-00 |

+--------+--------+---------+------+------------+------------+

2 rows in set (0.00 sec)

MariaDB [CSD2204W18]> insert into pet(name) values('Boxer');

Query OK, 1 row affected (0.08 sec)

MariaDB [CSD2204W18]> select \*from pet;

+----------+--------+---------+------+------------+------------+

| name | owner | species | sex | birth | death |

+----------+--------+---------+------+------------+------------+

| Fluffy | Harold | cat | f | 1993-02-04 | 0000-00-00 |

| Claws | Gwen | cat | m | 1994-03-17 | 0000-00-00 |

| Buffy | Harold | dog | f | 1989-05-13 | 0000-00-00 |

| Fang | Benny | dog | m | 1990-08-27 | 0000-00-00 |

| Bowser | Diane | dog | m | 1979-08-31 | 1995-07-29 |

| Chirpy | Gwen | bird | f | 1998-09-11 | 0000-00-00 |

| Whistler | Gwen | bird | | 1997-12-09 | 0000-00-00 |

| Slim | Benny | snake | m | 1996-04-29 | 0000-00-00 |

| Boxer | NULL | NULL | NULL | NULL | NULL |

+----------+--------+---------+------+------------+------------+

9 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name rLIKE 'y$';

+--------+--------+---------+------+------------+------------+

| name | owner | species | sex | birth | death |

+--------+--------+---------+------+------------+------------+

| Fluffy | Harold | cat | f | 1993-02-04 | 0000-00-00 |

| Buffy | Harold | dog | f | 1989-05-13 | 0000-00-00 |

| Chirpy | Gwen | bird | f | 1998-09-11 | 0000-00-00 |

+--------+--------+---------+------+------------+------------+

3 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^F.y$';

Empty set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^F.\*y$';

+--------+--------+---------+------+------------+------------+

| name | owner | species | sex | birth | death |

+--------+--------+---------+------+------------+------------+

| Fluffy | Harold | cat | f | 1993-02-04 | 0000-00-00 |

+--------+--------+---------+------+------------+------------+

1 row in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^F.+y$';

+--------+--------+---------+------+------------+------------+

| name | owner | species | sex | birth | death |

+--------+--------+---------+------+------------+------------+

| Fluffy | Harold | cat | f | 1993-02-04 | 0000-00-00 |

+--------+--------+---------+------+------------+------------+

1 row in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet;

+----------+--------+---------+------+------------+------------+

| name | owner | species | sex | birth | death |

+----------+--------+---------+------+------------+------------+

| Fluffy | Harold | cat | f | 1993-02-04 | 0000-00-00 |

| Claws | Gwen | cat | m | 1994-03-17 | 0000-00-00 |

| Buffy | Harold | dog | f | 1989-05-13 | 0000-00-00 |

| Fang | Benny | dog | m | 1990-08-27 | 0000-00-00 |

| Bowser | Diane | dog | m | 1979-08-31 | 1995-07-29 |

| Chirpy | Gwen | bird | f | 1998-09-11 | 0000-00-00 |

| Whistler | Gwen | bird | | 1997-12-09 | 0000-00-00 |

| Slim | Benny | snake | m | 1996-04-29 | 0000-00-00 |

| Boxer | NULL | NULL | NULL | NULL | NULL |

+----------+--------+---------+------+------------+------------+

9 rows in set (0.00 sec)

MariaDB [CSD2204W18]> insert into pet(name) values(123);

Query OK, 1 row affected (0.08 sec)

MariaDB [CSD2204W18]> select \*from pet;

+----------+--------+---------+------+------------+------------+

| name | owner | species | sex | birth | death |

+----------+--------+---------+------+------------+------------+

| Fluffy | Harold | cat | f | 1993-02-04 | 0000-00-00 |

| Claws | Gwen | cat | m | 1994-03-17 | 0000-00-00 |

| Buffy | Harold | dog | f | 1989-05-13 | 0000-00-00 |

| Fang | Benny | dog | m | 1990-08-27 | 0000-00-00 |

| Bowser | Diane | dog | m | 1979-08-31 | 1995-07-29 |

| Chirpy | Gwen | bird | f | 1998-09-11 | 0000-00-00 |

| Whistler | Gwen | bird | | 1997-12-09 | 0000-00-00 |

| Slim | Benny | snake | m | 1996-04-29 | 0000-00-00 |

| Boxer | NULL | NULL | NULL | NULL | NULL |

| 123 | NULL | NULL | NULL | NULL | NULL |

+----------+--------+---------+------+------------+------------+

10 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '[0-9]';

+------+-------+---------+------+-------+-------+

| name | owner | species | sex | birth | death |

+------+-------+---------+------+-------+-------+

| 123 | NULL | NULL | NULL | NULL | NULL |

+------+-------+---------+------+-------+-------+

1 row in set (0.00 sec)

MariaDB [CSD2204W18]> update pet

-> set name = 'Boxer123' where name = 'Boxer';

Query OK, 1 row affected (0.05 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '[0-9]';

+----------+-------+---------+------+-------+-------+

| name | owner | species | sex | birth | death |

+----------+-------+---------+------+-------+-------+

| Boxer123 | NULL | NULL | NULL | NULL | NULL |

| 123 | NULL | NULL | NULL | NULL | NULL |

+----------+-------+---------+------+-------+-------+

2 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^[0-9]$';

Empty set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^[0-9]+$';

+------+-------+---------+------+-------+-------+

| name | owner | species | sex | birth | death |

+------+-------+---------+------+-------+-------+

| 123 | NULL | NULL | NULL | NULL | NULL |

+------+-------+---------+------+-------+-------+

1 row in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^^h';

Empty set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^+^h';

ERROR 1139 (42000): Got error 'nothing to repeat at offset 1' from regexp

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^.^h';

Empty set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^.\*h';

+----------+-------+---------+------+------------+------------+

| name | owner | species | sex | birth | death |

+----------+-------+---------+------+------------+------------+

| Chirpy | Gwen | bird | f | 1998-09-11 | 0000-00-00 |

| Whistler | Gwen | bird | | 1997-12-09 | 0000-00-00 |

+----------+-------+---------+------+------------+------------+

2 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^.h';

+----------+-------+---------+------+------------+------------+

| name | owner | species | sex | birth | death |

+----------+-------+---------+------+------------+------------+

| Chirpy | Gwen | bird | f | 1998-09-11 | 0000-00-00 |

| Whistler | Gwen | bird | | 1997-12-09 | 0000-00-00 |

+----------+-------+---------+------+------------+------------+

2 rows in set (0.00 sec)

MariaDB [CSD2204W18]> insert into pet(name) value ('JHK123');

Query OK, 1 row affected (0.45 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^.h$[a-z]';

Empty set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^.h[a-z]';

+----------+-------+---------+------+------------+------------+

| name | owner | species | sex | birth | death |

+----------+-------+---------+------+------------+------------+

| Chirpy | Gwen | bird | f | 1998-09-11 | 0000-00-00 |

| Whistler | Gwen | bird | | 1997-12-09 | 0000-00-00 |

| JHK123 | NULL | NULL | NULL | NULL | NULL |

+----------+-------+---------+------+------------+------------+

3 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^.h[a-z]\*';

+----------+-------+---------+------+------------+------------+

| name | owner | species | sex | birth | death |

+----------+-------+---------+------+------------+------------+

| Chirpy | Gwen | bird | f | 1998-09-11 | 0000-00-00 |

| Whistler | Gwen | bird | | 1997-12-09 | 0000-00-00 |

| JHK123 | NULL | NULL | NULL | NULL | NULL |

+----------+-------+---------+------+------------+------------+

3 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^.h[a-z]+';

+----------+-------+---------+------+------------+------------+

| name | owner | species | sex | birth | death |

+----------+-------+---------+------+------------+------------+

| Chirpy | Gwen | bird | f | 1998-09-11 | 0000-00-00 |

| Whistler | Gwen | bird | | 1997-12-09 | 0000-00-00 |

| JHK123 | NULL | NULL | NULL | NULL | NULL |

+----------+-------+---------+------+------------+------------+

3 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^.h[0-9]+';

Empty set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^.h[0-9]';

Empty set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '.h[^0-9]';

+----------+-------+---------+------+------------+------------+

| name | owner | species | sex | birth | death |

+----------+-------+---------+------+------------+------------+

| Chirpy | Gwen | bird | f | 1998-09-11 | 0000-00-00 |

| Whistler | Gwen | bird | | 1997-12-09 | 0000-00-00 |

| JHK123 | NULL | NULL | NULL | NULL | NULL |

+----------+-------+---------+------+------------+------------+

3 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '.h[^a-z]';

Empty set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet;

+----------+--------+---------+------+------------+------------+

| name | owner | species | sex | birth | death |

+----------+--------+---------+------+------------+------------+

| Fluffy | Harold | cat | f | 1993-02-04 | 0000-00-00 |

| Claws | Gwen | cat | m | 1994-03-17 | 0000-00-00 |

| Buffy | Harold | dog | f | 1989-05-13 | 0000-00-00 |

| Fang | Benny | dog | m | 1990-08-27 | 0000-00-00 |

| Bowser | Diane | dog | m | 1979-08-31 | 1995-07-29 |

| Chirpy | Gwen | bird | f | 1998-09-11 | 0000-00-00 |

| Whistler | Gwen | bird | | 1997-12-09 | 0000-00-00 |

| Slim | Benny | snake | m | 1996-04-29 | 0000-00-00 |

| Boxer123 | NULL | NULL | NULL | NULL | NULL |

| 123 | NULL | NULL | NULL | NULL | NULL |

| JHK123 | NULL | NULL | NULL | NULL | NULL |

+----------+--------+---------+------+------------+------------+

11 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^.h[a-z]+';

+----------+-------+---------+------+------------+------------+

| name | owner | species | sex | birth | death |

+----------+-------+---------+------+------------+------------+

| Chirpy | Gwen | bird | f | 1998-09-11 | 0000-00-00 |

| Whistler | Gwen | bird | | 1997-12-09 | 0000-00-00 |

| JHK123 | NULL | NULL | NULL | NULL | NULL |

+----------+-------+---------+------+------------+------------+

3 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '[0-9]';

+----------+-------+---------+------+-------+-------+

| name | owner | species | sex | birth | death |

+----------+-------+---------+------+-------+-------+

| Boxer123 | NULL | NULL | NULL | NULL | NULL |

| 123 | NULL | NULL | NULL | NULL | NULL |

| JHK123 | NULL | NULL | NULL | NULL | NULL |

+----------+-------+---------+------+-------+-------+

3 rows in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^[0-9]{2}';

+------+-------+---------+------+-------+-------+

| name | owner | species | sex | birth | death |

+------+-------+---------+------+-------+-------+

| 123 | NULL | NULL | NULL | NULL | NULL |

+------+-------+---------+------+-------+-------+

1 row in set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^[0-9]{2}$';

Empty set (0.00 sec)

MariaDB [CSD2204W18]> select \*from pet where name REGEXP '^[0-9]{3}';

+------+-------+---------+------+-------+-------+

| name | owner | species | sex | birth | death |

+------+-------+---------+------+-------+-------+

| 123 | NULL | NULL | NULL | NULL | NULL |

+------+-------+---------+------+-------+-------+

1 row in set (0.00 sec)

MariaDB [CSD2204W18]>