Setting environment for using XAMPP for Windows.

prabh@DESKTOP-5UPSKC7 c:\xampp

# tee c:/xampp/day7log.txt

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

operable program or batch file.

prabh@DESKTOP-5UPSKC7 c:\xampp

# mysql -u root -p

Enter password:

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

Your MariaDB connection id is 2

Server version: 10.1.13-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)]> tee c:/xampp/day7log.txt

Logging to file 'c:/xampp/day7log.txt'

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 (0.09 sec)

MariaDB [csd2204w18]> INSERT INTO manu(Name) VALUES('Sony');INSERT INTO manu(Name) VALUES('Creative Labs');INSERT INTO manu(Name) VALUES('Hewlett-Packard');INSERT INTO manu(Name) VALUES('Iomega');INSERT INTO manu(Name) VALUES('Fujitsu');INSERT INTO manu(Name) VALUES('Winchester');INSERT INTO manu(Name) VALUES('moxDroid Labs Inc');INSERT INTO manu(Name) VALUES("Dell");INSERT INTO manu(Name) VALUES("Bell Labs");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) );INSERT INTO Products(Name,Price,Manufacturer) VALUES('Hard drive',240,5);INSERT INTO Products(Name,Price,Manufacturer) VALUES('Memory',120,6);INSERT INTO Products(Name,Price,Manufacturer) VALUES('ZIP drive',150,4);INSERT INTO Products(Name,Price,Manufacturer) VALUES('Floppy disk',5,6);INSERT INTO Products(Name,Price,Manufacturer) VALUES('Monitor',240,1);INSERT INTO Products(Name,Price,Manufacturer) VALUES('DVD drive',180,2);INSERT INTO Products(Name,Price,Manufacturer) VALUES('CD drive',90,2);INSERT INTO Products(Name,Price,Manufacturer) VALUES('Printer',270,3);INSERT INTO Products(Name,Price,Manufacturer) VALUES('Toner cartridge',66,3);INSERT INTO Products(Name,Price,Manufacturer) VALUES('DVD burner',180,2);INSERT INTO Products(Name,Price,Manufacturer) VALUES('Printer',40.00,7);INSERT INTO Products(Name,Price,Manufacturer) VALUES('Toner cartridge',54.00,7);INSERT INTO Products(Name,Price,Manufacturer) VALUES('DVD burner',78.00,7);

Query OK, 1 row affected (0.01 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.01 sec)

Query OK, 1 row affected (0.01 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.01 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 0 rows affected (0.04 sec)

Query OK, 1 row affected (0.01 sec)

Query OK, 1 row affected (0.01 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.01 sec)

Query OK, 1 row affected (0.01 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.01 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)

-> );

ERROR 1050 (42S01): Table 'products' already exists

MariaDB [csd2204w18]>

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| c |

| c1 |

| citymaster |

| citypoint |

| manu |

| movies |

| noname |

| p |

| person |

| prabh |

| products |

| user |

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

12 rows in set (0.00 sec)

MariaDB [csd2204w18]> desc product

-> ;

ERROR 1146 (42S02): Table 'csd2204w18.product' doesn't exist

MariaDB [csd2204w18]> desc products;

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

| Field | Type | Null | Key | Default | Extra |

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

| Code | int(3) | NO | PRI | NULL | auto\_increment |

| Name | varchar(255) | NO | | NULL | |

| Price | decimal(10,0) | NO | | NULL | |

| Manufacturer | int(3) | YES | MUL | NULL | |

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

4 rows in set (0.01 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Hard drive',240,5);

Query OK, 1 row affected (0.02 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Memory',120,6);

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('ZIP drive',150,4);

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Floppy disk',5,6);

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Monitor',240,1);

Query OK, 1 row affected (0.01 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 (0.00 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Printer',270,3);

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Toner cartridge',66,3);

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('DVD burner',180,2);

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Printer',40.00,7);

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Toner cartridge',54.00,7);

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('DVD burner',78.00,7);

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]>

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| c |

| c1 |

| citymaster |

| citypoint |

| manu |

| movies |

| noname |

| p |

| person |

| prabh |

| products |

| user |

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

12 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM MANU

-> INNER JOIN PRODUCTS

->

-> ;

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

| CODE | NAME | NAME |

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

| 1 | Hard drive | Sony |

| 1 | Hard drive | Creative Labs |

| 1 | Hard drive | Hewlett-Packard |

| 1 | Hard drive | Iomega |

| 1 | Hard drive | Fujitsu |

| 1 | Hard drive | Winchester |

| 1 | Hard drive | moxDroid Labs Inc |

| 1 | Hard drive | Dell |

| 1 | Hard drive | Bell Labs |

| 2 | Memory | Sony |

| 2 | Memory | Creative Labs |

| 2 | Memory | Hewlett-Packard |

| 2 | Memory | Iomega |

| 2 | Memory | Fujitsu |

| 2 | Memory | Winchester |

| 2 | Memory | moxDroid Labs Inc |

| 2 | Memory | Dell |

| 2 | Memory | Bell Labs |

| 3 | ZIP drive | Sony |

| 3 | ZIP drive | Creative Labs |

| 3 | ZIP drive | Hewlett-Packard |

| 3 | ZIP drive | Iomega |

| 3 | ZIP drive | Fujitsu |

| 3 | ZIP drive | Winchester |

| 3 | ZIP drive | moxDroid Labs Inc |

| 3 | ZIP drive | Dell |

| 3 | ZIP drive | Bell Labs |

| 4 | Floppy disk | Sony |

| 4 | Floppy disk | Creative Labs |

| 4 | Floppy disk | Hewlett-Packard |

| 4 | Floppy disk | Iomega |

| 4 | Floppy disk | Fujitsu |

| 4 | Floppy disk | Winchester |

| 4 | Floppy disk | moxDroid Labs Inc |

| 4 | Floppy disk | Dell |

| 4 | Floppy disk | Bell Labs |

| 5 | Monitor | Sony |

| 5 | Monitor | Creative Labs |

| 5 | Monitor | Hewlett-Packard |

| 5 | Monitor | Iomega |

| 5 | Monitor | Fujitsu |

| 5 | Monitor | Winchester |

| 5 | Monitor | moxDroid Labs Inc |

| 5 | Monitor | Dell |

| 5 | Monitor | Bell Labs |

| 6 | DVD drive | Sony |

| 6 | DVD drive | Creative Labs |

| 6 | DVD drive | Hewlett-Packard |

| 6 | DVD drive | Iomega |

| 6 | DVD drive | Fujitsu |

| 6 | DVD drive | Winchester |

| 6 | DVD drive | moxDroid Labs Inc |

| 6 | DVD drive | Dell |

| 6 | DVD drive | Bell Labs |

| 7 | CD drive | Sony |

| 7 | CD drive | Creative Labs |

| 7 | CD drive | Hewlett-Packard |

| 7 | CD drive | Iomega |

| 7 | CD drive | Fujitsu |

| 7 | CD drive | Winchester |

| 7 | CD drive | moxDroid Labs Inc |

| 7 | CD drive | Dell |

| 7 | CD drive | Bell Labs |

| 8 | Printer | Sony |

| 8 | Printer | Creative Labs |

| 8 | Printer | Hewlett-Packard |

| 8 | Printer | Iomega |

| 8 | Printer | Fujitsu |

| 8 | Printer | Winchester |

| 8 | Printer | moxDroid Labs Inc |

| 8 | Printer | Dell |

| 8 | Printer | Bell Labs |

| 9 | Toner cartridge | Sony |

| 9 | Toner cartridge | Creative Labs |

| 9 | Toner cartridge | Hewlett-Packard |

| 9 | Toner cartridge | Iomega |

| 9 | Toner cartridge | Fujitsu |

| 9 | Toner cartridge | Winchester |

| 9 | Toner cartridge | moxDroid Labs Inc |

| 9 | Toner cartridge | Dell |

| 9 | Toner cartridge | Bell Labs |

| 10 | DVD burner | Sony |

| 10 | DVD burner | Creative Labs |

| 10 | DVD burner | Hewlett-Packard |

| 10 | DVD burner | Iomega |

| 10 | DVD burner | Fujitsu |

| 10 | DVD burner | Winchester |

| 10 | DVD burner | moxDroid Labs Inc |

| 10 | DVD burner | Dell |

| 10 | DVD burner | Bell Labs |

| 11 | Printer | Sony |

| 11 | Printer | Creative Labs |

| 11 | Printer | Hewlett-Packard |

| 11 | Printer | Iomega |

| 11 | Printer | Fujitsu |

| 11 | Printer | Winchester |

| 11 | Printer | moxDroid Labs Inc |

| 11 | Printer | Dell |

| 11 | Printer | Bell Labs |

| 12 | Toner cartridge | Sony |

| 12 | Toner cartridge | Creative Labs |

| 12 | Toner cartridge | Hewlett-Packard |

| 12 | Toner cartridge | Iomega |

| 12 | Toner cartridge | Fujitsu |

| 12 | Toner cartridge | Winchester |

| 12 | Toner cartridge | moxDroid Labs Inc |

| 12 | Toner cartridge | Dell |

| 12 | Toner cartridge | Bell Labs |

| 13 | DVD burner | Sony |

| 13 | DVD burner | Creative Labs |

| 13 | DVD burner | Hewlett-Packard |

| 13 | DVD burner | Iomega |

| 13 | DVD burner | Fujitsu |

| 13 | DVD burner | Winchester |

| 13 | DVD burner | moxDroid Labs Inc |

| 13 | DVD burner | Dell |

| 13 | DVD burner | Bell Labs |

| 14 | Hard drive | Sony |

| 14 | Hard drive | Creative Labs |

| 14 | Hard drive | Hewlett-Packard |

| 14 | Hard drive | Iomega |

| 14 | Hard drive | Fujitsu |

| 14 | Hard drive | Winchester |

| 14 | Hard drive | moxDroid Labs Inc |

| 14 | Hard drive | Dell |

| 14 | Hard drive | Bell Labs |

| 15 | Memory | Sony |

| 15 | Memory | Creative Labs |

| 15 | Memory | Hewlett-Packard |

| 15 | Memory | Iomega |

| 15 | Memory | Fujitsu |

| 15 | Memory | Winchester |

| 15 | Memory | moxDroid Labs Inc |

| 15 | Memory | Dell |

| 15 | Memory | Bell Labs |

| 16 | ZIP drive | Sony |

| 16 | ZIP drive | Creative Labs |

| 16 | ZIP drive | Hewlett-Packard |

| 16 | ZIP drive | Iomega |

| 16 | ZIP drive | Fujitsu |

| 16 | ZIP drive | Winchester |

| 16 | ZIP drive | moxDroid Labs Inc |

| 16 | ZIP drive | Dell |

| 16 | ZIP drive | Bell Labs |

| 17 | Floppy disk | Sony |

| 17 | Floppy disk | Creative Labs |

| 17 | Floppy disk | Hewlett-Packard |

| 17 | Floppy disk | Iomega |

| 17 | Floppy disk | Fujitsu |

| 17 | Floppy disk | Winchester |

| 17 | Floppy disk | moxDroid Labs Inc |

| 17 | Floppy disk | Dell |

| 17 | Floppy disk | Bell Labs |

| 18 | Monitor | Sony |

| 18 | Monitor | Creative Labs |

| 18 | Monitor | Hewlett-Packard |

| 18 | Monitor | Iomega |

| 18 | Monitor | Fujitsu |

| 18 | Monitor | Winchester |

| 18 | Monitor | moxDroid Labs Inc |

| 18 | Monitor | Dell |

| 18 | Monitor | Bell Labs |

| 19 | DVD drive | Sony |

| 19 | DVD drive | Creative Labs |

| 19 | DVD drive | Hewlett-Packard |

| 19 | DVD drive | Iomega |

| 19 | DVD drive | Fujitsu |

| 19 | DVD drive | Winchester |

| 19 | DVD drive | moxDroid Labs Inc |

| 19 | DVD drive | Dell |

| 19 | DVD drive | Bell Labs |

| 20 | CD drive | Sony |

| 20 | CD drive | Creative Labs |

| 20 | CD drive | Hewlett-Packard |

| 20 | CD drive | Iomega |

| 20 | CD drive | Fujitsu |

| 20 | CD drive | Winchester |

| 20 | CD drive | moxDroid Labs Inc |

| 20 | CD drive | Dell |

| 20 | CD drive | Bell Labs |

| 21 | Printer | Sony |

| 21 | Printer | Creative Labs |

| 21 | Printer | Hewlett-Packard |

| 21 | Printer | Iomega |

| 21 | Printer | Fujitsu |

| 21 | Printer | Winchester |

| 21 | Printer | moxDroid Labs Inc |

| 21 | Printer | Dell |

| 21 | Printer | Bell Labs |

| 22 | Toner cartridge | Sony |

| 22 | Toner cartridge | Creative Labs |

| 22 | Toner cartridge | Hewlett-Packard |

| 22 | Toner cartridge | Iomega |

| 22 | Toner cartridge | Fujitsu |

| 22 | Toner cartridge | Winchester |

| 22 | Toner cartridge | moxDroid Labs Inc |

| 22 | Toner cartridge | Dell |

| 22 | Toner cartridge | Bell Labs |

| 23 | DVD burner | Sony |

| 23 | DVD burner | Creative Labs |

| 23 | DVD burner | Hewlett-Packard |

| 23 | DVD burner | Iomega |

| 23 | DVD burner | Fujitsu |

| 23 | DVD burner | Winchester |

| 23 | DVD burner | moxDroid Labs Inc |

| 23 | DVD burner | Dell |

| 23 | DVD burner | Bell Labs |

| 24 | Printer | Sony |

| 24 | Printer | Creative Labs |

| 24 | Printer | Hewlett-Packard |

| 24 | Printer | Iomega |

| 24 | Printer | Fujitsu |

| 24 | Printer | Winchester |

| 24 | Printer | moxDroid Labs Inc |

| 24 | Printer | Dell |

| 24 | Printer | Bell Labs |

| 25 | Toner cartridge | Sony |

| 25 | Toner cartridge | Creative Labs |

| 25 | Toner cartridge | Hewlett-Packard |

| 25 | Toner cartridge | Iomega |

| 25 | Toner cartridge | Fujitsu |

| 25 | Toner cartridge | Winchester |

| 25 | Toner cartridge | moxDroid Labs Inc |

| 25 | Toner cartridge | Dell |

| 25 | Toner cartridge | Bell Labs |

| 26 | DVD burner | Sony |

| 26 | DVD burner | Creative Labs |

| 26 | DVD burner | Hewlett-Packard |

| 26 | DVD burner | Iomega |

| 26 | DVD burner | Fujitsu |

| 26 | DVD burner | Winchester |

| 26 | DVD burner | moxDroid Labs Inc |

| 26 | DVD burner | Dell |

| 26 | DVD burner | Bell Labs |

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

234 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM MANU

-> INNER JOIN PRODUCTS

-> ;

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

| CODE | NAME | NAME |

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

| 1 | Hard drive | Sony |

| 1 | Hard drive | Creative Labs |

| 1 | Hard drive | Hewlett-Packard |

| 1 | Hard drive | Iomega |

| 1 | Hard drive | Fujitsu |

| 1 | Hard drive | Winchester |

| 1 | Hard drive | moxDroid Labs Inc |

| 1 | Hard drive | Dell |

| 1 | Hard drive | Bell Labs |

| 2 | Memory | Sony |

| 2 | Memory | Creative Labs |

| 2 | Memory | Hewlett-Packard |

| 2 | Memory | Iomega |

| 2 | Memory | Fujitsu |

| 2 | Memory | Winchester |

| 2 | Memory | moxDroid Labs Inc |

| 2 | Memory | Dell |

| 2 | Memory | Bell Labs |

| 3 | ZIP drive | Sony |

| 3 | ZIP drive | Creative Labs |

| 3 | ZIP drive | Hewlett-Packard |

| 3 | ZIP drive | Iomega |

| 3 | ZIP drive | Fujitsu |

| 3 | ZIP drive | Winchester |

| 3 | ZIP drive | moxDroid Labs Inc |

| 3 | ZIP drive | Dell |

| 3 | ZIP drive | Bell Labs |

| 4 | Floppy disk | Sony |

| 4 | Floppy disk | Creative Labs |

| 4 | Floppy disk | Hewlett-Packard |

| 4 | Floppy disk | Iomega |

| 4 | Floppy disk | Fujitsu |

| 4 | Floppy disk | Winchester |

| 4 | Floppy disk | moxDroid Labs Inc |

| 4 | Floppy disk | Dell |

| 4 | Floppy disk | Bell Labs |

| 5 | Monitor | Sony |

| 5 | Monitor | Creative Labs |

| 5 | Monitor | Hewlett-Packard |

| 5 | Monitor | Iomega |

| 5 | Monitor | Fujitsu |

| 5 | Monitor | Winchester |

| 5 | Monitor | moxDroid Labs Inc |

| 5 | Monitor | Dell |

| 5 | Monitor | Bell Labs |

| 6 | DVD drive | Sony |

| 6 | DVD drive | Creative Labs |

| 6 | DVD drive | Hewlett-Packard |

| 6 | DVD drive | Iomega |

| 6 | DVD drive | Fujitsu |

| 6 | DVD drive | Winchester |

| 6 | DVD drive | moxDroid Labs Inc |

| 6 | DVD drive | Dell |

| 6 | DVD drive | Bell Labs |

| 7 | CD drive | Sony |

| 7 | CD drive | Creative Labs |

| 7 | CD drive | Hewlett-Packard |

| 7 | CD drive | Iomega |

| 7 | CD drive | Fujitsu |

| 7 | CD drive | Winchester |

| 7 | CD drive | moxDroid Labs Inc |

| 7 | CD drive | Dell |

| 7 | CD drive | Bell Labs |

| 8 | Printer | Sony |

| 8 | Printer | Creative Labs |

| 8 | Printer | Hewlett-Packard |

| 8 | Printer | Iomega |

| 8 | Printer | Fujitsu |

| 8 | Printer | Winchester |

| 8 | Printer | moxDroid Labs Inc |

| 8 | Printer | Dell |

| 8 | Printer | Bell Labs |

| 9 | Toner cartridge | Sony |

| 9 | Toner cartridge | Creative Labs |

| 9 | Toner cartridge | Hewlett-Packard |

| 9 | Toner cartridge | Iomega |

| 9 | Toner cartridge | Fujitsu |

| 9 | Toner cartridge | Winchester |

| 9 | Toner cartridge | moxDroid Labs Inc |

| 9 | Toner cartridge | Dell |

| 9 | Toner cartridge | Bell Labs |

| 10 | DVD burner | Sony |

| 10 | DVD burner | Creative Labs |

| 10 | DVD burner | Hewlett-Packard |

| 10 | DVD burner | Iomega |

| 10 | DVD burner | Fujitsu |

| 10 | DVD burner | Winchester |

| 10 | DVD burner | moxDroid Labs Inc |

| 10 | DVD burner | Dell |

| 10 | DVD burner | Bell Labs |

| 11 | Printer | Sony |

| 11 | Printer | Creative Labs |

| 11 | Printer | Hewlett-Packard |

| 11 | Printer | Iomega |

| 11 | Printer | Fujitsu |

| 11 | Printer | Winchester |

| 11 | Printer | moxDroid Labs Inc |

| 11 | Printer | Dell |

| 11 | Printer | Bell Labs |

| 12 | Toner cartridge | Sony |

| 12 | Toner cartridge | Creative Labs |

| 12 | Toner cartridge | Hewlett-Packard |

| 12 | Toner cartridge | Iomega |

| 12 | Toner cartridge | Fujitsu |

| 12 | Toner cartridge | Winchester |

| 12 | Toner cartridge | moxDroid Labs Inc |

| 12 | Toner cartridge | Dell |

| 12 | Toner cartridge | Bell Labs |

| 13 | DVD burner | Sony |

| 13 | DVD burner | Creative Labs |

| 13 | DVD burner | Hewlett-Packard |

| 13 | DVD burner | Iomega |

| 13 | DVD burner | Fujitsu |

| 13 | DVD burner | Winchester |

| 13 | DVD burner | moxDroid Labs Inc |

| 13 | DVD burner | Dell |

| 13 | DVD burner | Bell Labs |

| 14 | Hard drive | Sony |

| 14 | Hard drive | Creative Labs |

| 14 | Hard drive | Hewlett-Packard |

| 14 | Hard drive | Iomega |

| 14 | Hard drive | Fujitsu |

| 14 | Hard drive | Winchester |

| 14 | Hard drive | moxDroid Labs Inc |

| 14 | Hard drive | Dell |

| 14 | Hard drive | Bell Labs |

| 15 | Memory | Sony |

| 15 | Memory | Creative Labs |

| 15 | Memory | Hewlett-Packard |

| 15 | Memory | Iomega |

| 15 | Memory | Fujitsu |

| 15 | Memory | Winchester |

| 15 | Memory | moxDroid Labs Inc |

| 15 | Memory | Dell |

| 15 | Memory | Bell Labs |

| 16 | ZIP drive | Sony |

| 16 | ZIP drive | Creative Labs |

| 16 | ZIP drive | Hewlett-Packard |

| 16 | ZIP drive | Iomega |

| 16 | ZIP drive | Fujitsu |

| 16 | ZIP drive | Winchester |

| 16 | ZIP drive | moxDroid Labs Inc |

| 16 | ZIP drive | Dell |

| 16 | ZIP drive | Bell Labs |

| 17 | Floppy disk | Sony |

| 17 | Floppy disk | Creative Labs |

| 17 | Floppy disk | Hewlett-Packard |

| 17 | Floppy disk | Iomega |

| 17 | Floppy disk | Fujitsu |

| 17 | Floppy disk | Winchester |

| 17 | Floppy disk | moxDroid Labs Inc |

| 17 | Floppy disk | Dell |

| 17 | Floppy disk | Bell Labs |

| 18 | Monitor | Sony |

| 18 | Monitor | Creative Labs |

| 18 | Monitor | Hewlett-Packard |

| 18 | Monitor | Iomega |

| 18 | Monitor | Fujitsu |

| 18 | Monitor | Winchester |

| 18 | Monitor | moxDroid Labs Inc |

| 18 | Monitor | Dell |

| 18 | Monitor | Bell Labs |

| 19 | DVD drive | Sony |

| 19 | DVD drive | Creative Labs |

| 19 | DVD drive | Hewlett-Packard |

| 19 | DVD drive | Iomega |

| 19 | DVD drive | Fujitsu |

| 19 | DVD drive | Winchester |

| 19 | DVD drive | moxDroid Labs Inc |

| 19 | DVD drive | Dell |

| 19 | DVD drive | Bell Labs |

| 20 | CD drive | Sony |

| 20 | CD drive | Creative Labs |

| 20 | CD drive | Hewlett-Packard |

| 20 | CD drive | Iomega |

| 20 | CD drive | Fujitsu |

| 20 | CD drive | Winchester |

| 20 | CD drive | moxDroid Labs Inc |

| 20 | CD drive | Dell |

| 20 | CD drive | Bell Labs |

| 21 | Printer | Sony |

| 21 | Printer | Creative Labs |

| 21 | Printer | Hewlett-Packard |

| 21 | Printer | Iomega |

| 21 | Printer | Fujitsu |

| 21 | Printer | Winchester |

| 21 | Printer | moxDroid Labs Inc |

| 21 | Printer | Dell |

| 21 | Printer | Bell Labs |

| 22 | Toner cartridge | Sony |

| 22 | Toner cartridge | Creative Labs |

| 22 | Toner cartridge | Hewlett-Packard |

| 22 | Toner cartridge | Iomega |

| 22 | Toner cartridge | Fujitsu |

| 22 | Toner cartridge | Winchester |

| 22 | Toner cartridge | moxDroid Labs Inc |

| 22 | Toner cartridge | Dell |

| 22 | Toner cartridge | Bell Labs |

| 23 | DVD burner | Sony |

| 23 | DVD burner | Creative Labs |

| 23 | DVD burner | Hewlett-Packard |

| 23 | DVD burner | Iomega |

| 23 | DVD burner | Fujitsu |

| 23 | DVD burner | Winchester |

| 23 | DVD burner | moxDroid Labs Inc |

| 23 | DVD burner | Dell |

| 23 | DVD burner | Bell Labs |

| 24 | Printer | Sony |

| 24 | Printer | Creative Labs |

| 24 | Printer | Hewlett-Packard |

| 24 | Printer | Iomega |

| 24 | Printer | Fujitsu |

| 24 | Printer | Winchester |

| 24 | Printer | moxDroid Labs Inc |

| 24 | Printer | Dell |

| 24 | Printer | Bell Labs |

| 25 | Toner cartridge | Sony |

| 25 | Toner cartridge | Creative Labs |

| 25 | Toner cartridge | Hewlett-Packard |

| 25 | Toner cartridge | Iomega |

| 25 | Toner cartridge | Fujitsu |

| 25 | Toner cartridge | Winchester |

| 25 | Toner cartridge | moxDroid Labs Inc |

| 25 | Toner cartridge | Dell |

| 25 | Toner cartridge | Bell Labs |

| 26 | DVD burner | Sony |

| 26 | DVD burner | Creative Labs |

| 26 | DVD burner | Hewlett-Packard |

| 26 | DVD burner | Iomega |

| 26 | DVD burner | Fujitsu |

| 26 | DVD burner | Winchester |

| 26 | DVD burner | moxDroid Labs Inc |

| 26 | DVD burner | Dell |

| 26 | DVD burner | Bell Labs |

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

234 rows in set (0.00 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 COUNT(\*),manufacturer

-> FROM products as p

-> INNER JOIN manu m

-> ON m.code=p.manufacturer

-> GROUP BY manufacturer;

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

| COUNT(\*) | manufacturer |

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

| 2 | 1 |

| 6 | 2 |

| 4 | 3 |

| 2 | 4 |

| 2 | 5 |

| 4 | 6 |

| 6 | 7 |

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

7 rows in set (0.01 sec)

MariaDB [csd2204w18]> SELECT COUNT(\*),p.manufacturer,m.name

-> FROM products as p

-> inner join manu m

-> ON m.code=p.manufacturer

-> GROUP BY manufacturer;

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

| COUNT(\*) | manufacturer | name |

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

| 2 | 1 | Sony |

| 6 | 2 | Creative Labs |

| 4 | 3 | Hewlett-Packard |

| 2 | 4 | Iomega |

| 2 | 5 | Fujitsu |

| 4 | 6 | Winchester |

| 6 | 7 | moxDroid Labs Inc |

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

7 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT COUNT(\*),p.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 |

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

| 2 | 1 | Sony |

| 6 | 2 | Creative Labs |

| 4 | 3 | Hewlett-Packard |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT COUNT(\*),p.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 |

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

| 6 | 2 | Creative Labs |

| 4 | 3 | Hewlett-Packard |

| 4 | 6 | Winchester |

| 6 | 7 | moxDroid Labs Inc |

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT COUNT(\*),p.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 | 1 | Sony |

| 2 | 4 | Iomega |

| 2 | 5 | Fujitsu |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> SELECT COUNT(\*),p.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 |

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

| 6 | 2 | Creative Labs |

| 4 | 3 | Hewlett-Packard |

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

2 rows in set (0.00 sec)

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\*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 \* 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 |

| 14 | Hard drive | 240 | 5 |

| 15 | Memory | 120 | 6 |

| 16 | ZIP drive | 150 | 4 |

| 17 | Floppy disk | 5 | 6 |

| 18 | Monitor | 240 | 1 |

| 19 | DVD drive | 180 | 2 |

| 20 | CD drive | 90 | 2 |

| 21 | Printer | 270 | 3 |

| 22 | Toner cartridge | 66 | 3 |

| 23 | DVD burner | 180 | 2 |

| 24 | Printer | 40 | 7 |

| 25 | Toner cartridge | 54 | 7 |

| 26 | DVD burner | 78 | 7 |

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

26 rows in set (0.00 sec)

MariaDB [csd2204w18]> drop table products;

Query OK, 0 rows affected (0.03 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 (0.04 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Hard drive',240,5);

Query OK, 1 row affected (0.02 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Memory',120,6);

Query OK, 1 row affected (0.01 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('ZIP drive',150,4);

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Floppy disk',5,6);

Query OK, 1 row affected (0.01 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Monitor',240,1);

Query OK, 1 row affected (0.00 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 (0.00 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Printer',270,3);

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Toner cartridge',66,3);

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('DVD burner',180,2);

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Printer',40.00,7);

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('Toner cartridge',54.00,7);

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]> INSERT INTO Products(Name,Price,Manufacturer) VALUES('DVD burner',78.00,7);

Query OK, 1 row affected (0.00 sec)

MariaDB [csd2204w18]>

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 PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM MANU

-> LEFT JOIN PRODUCTS

-> ON manu.CODE = products.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

-> LEFT JOIN PRODUCTS

-> 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 MANU

-> -> LEFT JOIN PRODUCTS

-> -> 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 '> FROM MANU

-> LEFT JOIN PRODUCTS

-> ON manu.CODE = products.manufacture' at line 2

MariaDB [csd2204w18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> -> FROM MANU

-> -> LEFT JOIN PRODUCTS

-> -> 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 '> FROM MANU

-> LEFT JOIN PRODUCTS

-> ON manu.CODE = products.manufacture' at line 2

MariaDB [csd2204w18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM MANU

-> LEFT JOIN PRODUCTS

-> ON manu.code=products.manufacrurer;;

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

ERROR: No query specified

MariaDB [csd2204w18]> SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> -> FROM MANU

-> -> LEFT JOIN PRODUCTS

-> ON manu.code=products.manufacrurer;;

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 '> FROM MANU

-> LEFT JOIN PRODUCTS

ON manu.code=products.manufacrurer' at line 2

ERROR: No query specified

MariaDB [csd2204w18]> SELECT PRODUCTS.manufacturer;, PRODUCTS.NAME, MANU.NAME

ERROR 1109 (42S02): Unknown table 'PRODUCTS' in field list

-> ;

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 ' PRODUCTS.NAME, MANU.NAME' at line 1

MariaDB [csd2204w18]> SELECT PRODUCTS.manufacturer, PRODUCTS.NAME, MANU.NAME FROM MANU

-> LEFT JOIN PRODUCTS

-> ON manu.CODE = products.manufacturer;

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

| manufacturer | NAME | NAME |

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

| 1 | Monitor | Sony |

| 2 | DVD drive | Creative Labs |

| 2 | CD drive | Creative Labs |

| 2 | DVD burner | Creative Labs |

| 3 | Printer | Hewlett-Packard |

| 3 | Toner cartridge | Hewlett-Packard |

| 4 | ZIP drive | Iomega |

| 5 | Hard drive | Fujitsu |

| 6 | Memory | Winchester |

| 6 | Floppy disk | Winchester |

| 7 | Printer | moxDroid Labs Inc |

| 7 | Toner cartridge | moxDroid Labs Inc |

| 7 | 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 manu.CODE = product.manufacturer;

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

MariaDB [csd2204w18]> SELECT PRODUCTS.manufacturer, PRODUCTS.NAME, MANU.NAME

-> FROM products

-> RIGHT JOIN manu

-> ON manu.CODE = product.manufacturer;

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

MariaDB [csd2204w18]> SELECT PRODUCTS.manufacturer, PRODUCTS.NAME, MANU.NAME

-> FROM manu

-> RIGHT JOIN products

-> ON manu.CODE = products.manufacturer;

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

| manufacturer | NAME | NAME |

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

| 5 | Hard drive | Fujitsu |

| 6 | Memory | Winchester |

| 4 | ZIP drive | Iomega |

| 6 | Floppy disk | Winchester |

| 1 | Monitor | Sony |

| 2 | DVD drive | Creative Labs |

| 2 | CD drive | Creative Labs |

| 3 | Printer | Hewlett-Packard |

| 3 | Toner cartridge | Hewlett-Packard |

| 2 | DVD burner | Creative Labs |

| 7 | Printer | moxDroid Labs Inc |

| 7 | Toner cartridge | moxDroid Labs Inc |

| 7 | 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

-> 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 (0.01 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]> craete table pet(

-> name varchar(20

-> ;

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 'craete table pet(

name varchar(20' at line 1

MariaDB [csd2204w18]> craete table pet(

-> name varchar(20

-> ;

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 'craete table pet(

name varchar(20' at line 1

MariaDB [csd2204w18]> craete table pet(

-> name varchar(20),

-> owner varchar(20),

-> species varchar(20),

-> sex char(1),

-> birth date,

-> death date);

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 'craete table pet(

name varchar(20),

owner varchar(20),

species varchar(20),

sex ' at line 1

MariaDB [csd2204w18]> craete table pet (

-> name varchar(20),

-> owner varchar(20),

-> species varchar(20),

-> sex char(1),

-> birth date,

-> death date

-> );

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 'craete table pet (

name varchar(20),

owner varchar(20),

species varchar(20),

sex' at line 1

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 (0.03 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;

Query OK, 8 rows affected, 7 warnings (0.00 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 10:16:23 |

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

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 where age<23;

ERROR 1054 (42S22): Unknown column 'age' in 'where clause'

MariaDB [csd2204w18]> select name,timestampdiff(year,birth,curdate())as '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]> add date();

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 'add date()' at line 1