Setting environment for using XAMPP for Windows.

728699@128-IMAC09 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: 10.1.21-MariaDB mariadb.org binary distribution

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

MariaDB [(none)]> show database;

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 'database' at line 1

MariaDB [(none)]> create database csd 2204w18;

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 '2204w18' at line 1

MariaDB [(none)]> create database csd2204w18;

Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> show tables

-> ;

ERROR 1046 (3D000): No database selected

MariaDB [(none)]> ;use csd2204w18;

ERROR: No query specified

Database changed

MariaDB [csd2204w18]> use csd2204w18;

Database changed

MariaDB [csd2204w18]> show tables;

Empty set (0.00 sec)

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 (1.84 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");

Query OK, 1 row affected (0.27 sec)

Query OK, 1 row affected (0.17 sec)

Query OK, 1 row affected (0.30 sec)

Query OK, 1 row affected (0.30 sec)

Query OK, 1 row affected (0.13 sec)

Query OK, 1 row affected (0.17 sec)

Query OK, 1 row affected (0.18 sec)

Query OK, 1 row affected (0.13 sec)

Query OK, 1 row affected (0.20 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 (1.25 sec)

MariaDB [csd2204w18]> 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 (0.23 sec)

Query OK, 1 row affected (0.37 sec)

Query OK, 1 row affected (0.45 sec)

Query OK, 1 row affected (0.32 sec)

Query OK, 1 row affected (0.15 sec)

Query OK, 1 row affected (0.20 sec)

Query OK, 1 row affected (0.18 sec)

Query OK, 1 row affected (0.26 sec)

Query OK, 1 row affected (0.27 sec)

Query OK, 1 row affected (0.12 sec)

Query OK, 1 row affected (0.19 sec)

Query OK, 1 row affected (0.19 sec)

Query OK, 1 row affected (0.13 sec)

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| manu |

| products |

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

2 rows in set (0.00 sec)

MariaDB [csd2204w18]> create view db10\_v1 select \* from products;

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 'select \* from products' at line 1

MariaDB [csd2204w18]> create view db10\_v1 as select \* from products;

Query OK, 0 rows affected (0.37 sec)

MariaDB [csd2204w18]> show tables;

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

| Tables\_in\_csd2204w18 |

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

| db10\_v1 |

| manu |

| products |

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

3 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from db10\_v1;

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

| 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 from db10\_v1 where code>6;

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 db10\_v1 where code>6' at line 1

MariaDB [csd2204w18]> select \* from db10\_v1 where code>6;

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

| Code | Name | Price | Manufacturer |

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

| 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 |

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

7 rows in set (0.01 sec)

MariaDB [csd2204w18]> select \* from db10\_v1 where code limit 6;

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

| 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 |

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

6 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from db10\_v1 where price between 7 and 250;

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

| Code | Name | Price | Manufacturer |

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

| 1 | Hard drive | 240 | 5 |

| 2 | Memory | 120 | 6 |

| 3 | ZIP drive | 150 | 4 |

| 5 | Monitor | 240 | 1 |

| 6 | DVD drive | 180 | 2 |

| 7 | CD drive | 90 | 2 |

| 9 | Toner cartridge | 66 | 3 |

| 10 | DVD burner | 180 | 2 |

| 11 | Printer | 40 | 7 |

| 12 | Toner cartridge | 54 | 7 |

| 13 | DVD burner | 78 | 7 |

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

11 rows in set (0.00 sec)

MariaDB [csd2204w18]> insert into db10\_v1 values (14,'Mouse',360,6);

Query OK, 1 row affected (0.38 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 | Mouse | 360 | 6 |

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

14 rows in set (0.00 sec)

MariaDB [csd2204w18]> update db10\_v1 set price=400 where name ='mouse';

Query OK, 1 row affected (0.12 sec)

Rows matched: 1 Changed: 1 Warnings: 0

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 | Mouse | 400 | 6 |

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

14 rows in set (0.00 sec)

MariaDB [csd2204w18]> create view db10\_v2 as select products.code,products.name "product",manu.name "manufacturer" from manu inner join products on products.code=manu.code;

Query OK, 0 rows affected (0.12 sec)

MariaDB [csd2204w18]> select \* from db10\_v1;

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

| 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 | Mouse | 400 | 6 |

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

14 rows in set (0.00 sec)

MariaDB [csd2204w18]> select \* from db10\_v2;

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

| code | product | manufacturer |

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

| 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 (0.01 sec)

MariaDB [csd2204w18]> insert into db10\_v2 values(10,'hardware','dell');

ERROR 1394 (HY000): Can not insert into join view 'csd2204w18.db10\_v2' without fields list

MariaDB [csd2204w18]> update db10\_v2 set manufacturer='sony' where product='cd drive';

Query OK, 1 row affected (0.08 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [csd2204w18]> select \* from db10\_v2;

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

| code | product | manufacturer |

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

| 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 | sony |

| 8 | Printer | Dell |

| 9 | Toner cartridge | Bell Labs |

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

9 rows in set (0.00 sec)

MariaDB [csd2204w18]> create view v\_today(today) as select current\_date;

Query OK, 0 rows affected (0.25 sec)

MariaDB [csd2204w18]> select \* from v\_today;

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

| today |

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

| 2018-01-19 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18]> create or replace view v\_today(now) as select current\_date;

Query OK, 0 rows affected (0.13 sec)

MariaDB [csd2204w18]> drop view if exits v\_today;

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 'exits v\_today' at line 1

MariaDB [csd2204w18]> drop view if exists v\_today;

Query OK, 0 rows affected (0.00 sec)

MariaDB [csd2204w18]>