Setting environment for using XAMPP for Windows.

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 2

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 |

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

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

5 rows in set (0.09 sec)

MariaDB [(none)]> create database CSD2204W18DB;

Query OK, 1 row affected (0.13 sec)

MariaDB [(none)]> exit

Bye

727012@128-IMAC18 c:\xampp

# mysql -u root -p CSD2204W18DB <c:/xampp/csd2204w18.sql

Enter password:

727012@128-IMAC18 c:\xampp

# musql -u root -p

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

operable program or batch file.

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 4

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;

ERROR 1049 (42000): Unknown database 'csd2204w18'

MariaDB [(none)]> show databases;

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

| Database |

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

| csd2204w18db |

| information\_schema |

| mysql |

| performance\_schema |

| phpmyadmin |

| test |

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

6 rows in set (0.00 sec)

MariaDB [(none)]> use csd2204w18db;

Database changed

MariaDB [csd2204w18db]> show tables;

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

| Tables\_in\_csd2204w18db |

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

| animals |

| countries |

| departments |

| employees |

| job\_history |

| jobs |

| locations |

| manu |

| pet |

| products |

| regions |

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

11 rows in set (0.00 sec)

MariaDB [csd2204w18db]> tee c:\xampp\day10log.txt

Logging to file 'c:\xampp\day10log.txt'

MariaDB [csd2204w18db]> 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 [csd2204w18db]> create view d10\_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 [csd2204w18db]> create view d10\_v1 AS select \*from products;

Query OK, 0 rows affected (0.05 sec)

MariaDB [csd2204w18db]> show tables;

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

| Tables\_in\_csd2204w18db |

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

| animals |

| countries |

| d10\_v1 |

| departments |

| employees |

| job\_history |

| jobs |

| locations |

| manu |

| pet |

| products |

| regions |

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

12 rows in set (0.00 sec)

MariaDB [csd2204w18db]> select \*from d10\_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 [csd2204w18db]> select \*from d10\_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 [csd2204w18db]> select \*from d10\_v1 where name = 'CD drive' AND 'Printer';

Empty set, 4 warnings (0.00 sec)

MariaDB [csd2204w18db]> select \*from d10\_v1 where name = 'CD drive';

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

| Code | Name | Price | Manufacturer |

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

| 7 | CD drive | 90 | 2 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18db]> select \*from d10\_v1 where code between 4 and 7;

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

| Code | Name | Price | Manufacturer |

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

| 4 | Floppy disk | 5 | 6 |

| 5 | Monitor | 240 | 1 |

| 6 | DVD drive | 180 | 2 |

| 7 | CD drive | 90 | 2 |

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

4 rows in set (0.00 sec)

MariaDB [csd2204w18db]> select a.name from d10\_v1 a where code IN(select b.code from d10\_v1 where name = 'Monitor');

ERROR 1054 (42S22): Unknown column 'b.code' in 'field list'

MariaDB [csd2204w18db]> select a.name from d10\_v1 a where code IN(select b.code from d10\_v1 b where name = 'Monitor');

+---------+

| Name |

+---------+

| Monitor |

+---------+

1 row in set (0.00 sec)

MariaDB [csd2204w18db]> insert into d10\_v1 values(14,'Ram',195,2);

Query OK, 1 row affected (0.13 sec)

MariaDB [csd2204w18db]> select \*from d10\_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 | Ram | 195 | 2 |

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

14 rows in set (0.00 sec)

MariaDB [csd2204w18db]> update d10\_v1

-> set name = 'SSD' where code = 14;

Query OK, 1 row affected (0.28 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [csd2204w18db]> select \*from d10\_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 | SSD | 195 | 2 |

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

14 rows in set (0.00 sec)

MariaDB [csd2204w18db]> 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 | SSD | 195 | 2 |

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

14 rows in set (0.00 sec)

MariaDB [csd2204w18db]> delete from d10\_v1 where code = 14;

Query OK, 1 row affected (0.08 sec)

MariaDB [csd2204w18db]> select \*from d10\_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 (0.01 sec)

MariaDB [csd2204w18db]> 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 [csd2204w18db]> create view d10\_v1 as select products.code,products.name "products",manu.name "manufacturer" from manu INNER JOIN products ON products.code = manu.code;

ERROR 1050 (42S01): Table 'd10\_v1' already exists

MariaDB [csd2204w18db]> create view d10\_v2 as select products.code,products.name "products",manu.name "manufacturer" from manu INNER JOIN products ON products.code = manu.code;

Query OK, 0 rows affected (0.05 sec)

MariaDB [csd2204w18db]> select \*from d10\_v2;

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

| code | products | 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 [csd2204w18db]> insert into d10\_v2 values(1,'SSD','LG');

ERROR 1394 (HY000): Can not insert into join view 'csd2204w18db.d10\_v2' without fields list

MariaDB [csd2204w18db]> update d10\_v2

-> set products = 'ssd' where code = 9;

Query OK, 1 row affected (0.12 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [csd2204w18db]> select \*from d10\_v2;

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

| code | products | 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 | ssd | Bell Labs |

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

9 rows in set (0.00 sec)

MariaDB [csd2204w18db]> 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 | ssd | 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 [csd2204w18db]> delete from d10\_v2 where code = 13;

ERROR 1395 (HY000): Can not delete from join view 'csd2204w18db.d10\_v2'

MariaDB [csd2204w18db]> create view V\_today(today) as select current\_date;

Query OK, 0 rows affected (0.08 sec)

MariaDB [csd2204w18db]> select \*from d10\_v2;

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

| code | products | 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 | ssd | Bell Labs |

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

9 rows in set (0.00 sec)

MariaDB [csd2204w18db]> select \*from v\_today;

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

| today |

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

| 2018-01-19 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18db]> drop view if exists v\_today;

Query OK, 0 rows affected (0.00 sec)

MariaDB [csd2204w18db]> create view v\_today(today) as select current\_date;

Query OK, 0 rows affected (0.23 sec)

MariaDB [csd2204w18db]> select \*from v\_today;

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

| today |

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

| 2018-01-19 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18db]> create view V\_today(today) as select current\_time;

ERROR 1050 (42S01): Table 'V\_today' already exists

MariaDB [csd2204w18db]> create view V1\_today(today) as select current\_time;

Query OK, 0 rows affected (0.05 sec)

MariaDB [csd2204w18db]> select \*from v\_today;

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

| today |

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

| 2018-01-19 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18db]> select \*from v1\_today;

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

| today |

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

| 09:00:59 |

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

1 row in set (0.00 sec)

MariaDB [csd2204w18db]>