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)]> use test;

Database changed

MariaDB [test]> show tables;

Empty set (0.00 sec)

MariaDB [test]> Create table manu(Code integer(3) primary key,Name varchar(50) not null);

Query OK, 0 rows affected (0.02 sec)

MariaDB [test]> INSERT INTO manu(Code,Name) VALUES(1,'Sony');INSERT INTO manu(Code,Name) VALUES(2,'Creative Labs');INSERT INTO manu(Code,Name) VALUES(3,'Hewlett-Packard');INSERT INTO manu(Code,Name) VALUES(4,'Iomega');INSERT INTO manu(Code,Name) VALUES(5,'Fujitsu');INSERT INTO manu(Code,Name) VALUES(6,'Winchester');INSERT INTO manu VALUES(7,'moxDroid Labs Inc');insert into manu values(8,'Dell');insert into manu values(20,'BEll Labs');

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, 1 row affected (0.02 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)

MariaDB [test]> CREATE TABLE Products ( Code INTEGER(3), Name VARCHAR(255) NOT NULL , Price DECIMAL NOT NULL , Manufacturer INTEGER(3), PRIMARY KEY (Code), FOREIGN KEY (Manufacturer) REFERENCES manu(Code) );

Query OK, 0 rows affected (0.02 sec)

MariaDB [test]> INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(1,'Hard drive',240,5);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(2,'Memory',120,6);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(3,'ZIP drive',150,4);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(4,'Floppy disk',5,6);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(5,'Monitor',240,1);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(6,'DVD drive',180,2);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(7,'CD drive',90,2);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(8,'Printer',270,3);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(9,'Toner cartridge',66,3);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(10,'DVD burner',180,2);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(11,'Printer',40.00,7);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(12,'Toner cartridge',54.00,7);INSERT INTO Products(Code,Name,Price,Manufacturer) VALUES(13,'DVD burner',78.00,7);

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, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

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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)

MariaDB [test]> show tables;

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

| Tables\_in\_test |

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

| manu |

| products |

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

2 rows in set (0.00 sec)

MariaDB [test]> 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 [test]> create view d10\_01 as selct \* 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 'selct \* from products' at line 1

MariaDB [test]> create view d10\_01 as select \* from products;

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> select \* from d10\_01;

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

| 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 [test]> create view d10\_02 as select name, price from products;

Query OK, 0 rows affected (0.02 sec)

MariaDB [test]> select \* from d10\_02;

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

| name | price |

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

| Hard drive | 240 |

| Memory | 120 |

| ZIP drive | 150 |

| Floppy disk | 5 |

| Monitor | 240 |

| DVD drive | 180 |

| CD drive | 90 |

| Printer | 270 |

| Toner cartridge | 66 |

| DVD burner | 180 |

| Printer | 40 |

| Toner cartridge | 54 |

| DVD burner | 78 |

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

13 rows in set (0.00 sec)

MariaDB [test]> create view d10\_v3 as select \* from products where name="Hard Drive";

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> select \* from d10\_v3;

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

| Code | Name | Price | Manufacturer |

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

| 1 | Hard drive | 240 | 5 |

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

1 row in set (0.00 sec)

MariaDB [test]> select \* from products where price= 240 or name="DVD burner";

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

| Code | Name | Price | Manufacturer |

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

| 1 | Hard drive | 240 | 5 |

| 5 | Monitor | 240 | 1 |

| 10 | DVD burner | 180 | 2 |

| 13 | DVD burner | 78 | 7 |

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

4 rows in set (0.00 sec)

MariaDB [test]> create view d10\_v4 select \* from products where price= 240 or name="DVD burner";

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 where price= 240 or name="DVD burner"' at line 1

MariaDB [test]> create view d10\_v4 as select \* from products where price= 240 or name="DVD burner";

Query OK, 0 rows affected (0.02 sec)

MariaDB [test]> select \* from d10\_v4;

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

| Code | Name | Price | Manufacturer |

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

| 1 | Hard drive | 240 | 5 |

| 5 | Monitor | 240 | 1 |

| 10 | DVD burner | 180 | 2 |

| 13 | DVD burner | 78 | 7 |

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

4 rows in set (0.00 sec)

MariaDB [test]> select name, count(\*) as "Total Quantity" from products group by name;

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

| name | Total Quantity |

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

| CD drive | 1 |

| DVD burner | 2 |

| DVD drive | 1 |

| Floppy disk | 1 |

| Hard drive | 1 |

| Memory | 1 |

| Monitor | 1 |

| Printer | 2 |

| Toner cartridge | 2 |

| ZIP drive | 1 |

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

10 rows in set (0.00 sec)

MariaDB [test]> create view d10\_v5 as select name, count(\*) as "Total Quantity" from products group by name;

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> select \* from d10\_v5;

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

| name | Total Quantity |

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

| CD drive | 1 |

| DVD burner | 2 |

| DVD drive | 1 |

| Floppy disk | 1 |

| Hard drive | 1 |

| Memory | 1 |

| Monitor | 1 |

| Printer | 2 |

| Toner cartridge | 2 |

| ZIP drive | 1 |

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

10 rows in set (0.00 sec)

MariaDB [test]> select \* from d10\_v5 order by DECS;

ERROR 1054 (42S22): Unknown column 'DECS' in 'order clause'

MariaDB [test]> select name, count(\*) as "Total Quantity" from products group by name order by name desc;

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

| name | Total Quantity |

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

| ZIP drive | 1 |

| Toner cartridge | 2 |

| Printer | 2 |

| Monitor | 1 |

| Memory | 1 |

| Hard drive | 1 |

| Floppy disk | 1 |

| DVD drive | 1 |

| DVD burner | 2 |

| CD drive | 1 |

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

10 rows in set (0.00 sec)

MariaDB [test]> create view d10\_v6 as select name, count(\*) as "Total Quantity" from products group by name order by name desc;

Query OK, 0 rows affected (0.01 sec)

MariaDB [test]> select d10\_v6;

ERROR 1054 (42S22): Unknown column 'd10\_v6' in 'field list'

MariaDB [test]> select \* from d10\_v6;

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

| name | Total Quantity |

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

| ZIP drive | 1 |

| Toner cartridge | 2 |

| Printer | 2 |

| Monitor | 1 |

| Memory | 1 |

| Hard drive | 1 |

| Floppy disk | 1 |

| DVD drive | 1 |

| DVD burner | 2 |

| CD drive | 1 |

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

10 rows in set (0.00 sec)

MariaDB [test]> select \* from products where price BETWEEN 100 and 200;

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

| Code | Name | Price | Manufacturer |

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

| 2 | Memory | 120 | 6 |

| 3 | ZIP drive | 150 | 4 |

| 6 | DVD drive | 180 | 2 |

| 10 | DVD burner | 180 | 2 |

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

4 rows in set (0.00 sec)

MariaDB [test]> create view d10\_v7 as select \* from products where price BETWEEN 100 and 200;

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> select \* from d10\_v7;

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

| Code | Name | Price | Manufacturer |

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

| 2 | Memory | 120 | 6 |

| 3 | ZIP drive | 150 | 4 |

| 6 | DVD drive | 180 | 2 |

| 10 | DVD burner | 180 | 2 |

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

4 rows in set (0.00 sec)

MariaDB [test]> select \* from d10\_02 where name="Memory";

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

| name | price |

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

| Memory | 120 |

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

1 row in set (0.00 sec)

MariaDB [test]> select \* from d10\_02 where name="Memory" or price=180;

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

| name | price |

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

| Memory | 120 |

| DVD drive | 180 |

| DVD burner | 180 |

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

3 rows in set (0.00 sec)

MariaDB [test]> select \* from d10\_02 where price BETWEEN 100 and 200;

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

| name | price |

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

| Memory | 120 |

| ZIP drive | 150 |

| DVD drive | 180 |

| DVD burner | 180 |

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

4 rows in set (0.00 sec)

MariaDB [test]> select \* from d10\_02 where name LIKE "\_O%";

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

| name | price |

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

| Monitor | 240 |

| Toner cartridge | 66 |

| Toner cartridge | 54 |

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

3 rows in set (0.00 sec)

MariaDB [test]> SELECT MAX(price) from d10\_02;

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

| MAX(price) |

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

| 270 |

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

1 row in set (0.00 sec)

MariaDB [test]> SELECT name, MAX(price) from d10\_02;

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

| name | MAX(price) |

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

| Hard drive | 270 |

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

1 row in set (0.00 sec)

MariaDB [test]> 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 |

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

8 rows in set (0.00 sec)

MariaDB [test]> create view d10\_v8 as SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME

-> FROM MANU

-> INNER JOIN PRODUCTS

-> ON PRODUCTS.CODE = MANU.CODE;

ERROR 1060 (42S21): Duplicate column name 'NAME'

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

-> FROM MANU

-> INNER JOIN PRODUCTS

-> INNER JOIN PRODUCTS;

ERROR 1066 (42000): Not unique table/alias: 'PRODUCTS'

MariaDB [test]> create view d10\_v8 SELECT PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME "Manuf. Name" FROM MANU INNER JOIN PRODUCTS ON PRODUCTS.CODE = MANU.CODE;

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 PRODUCTS.CODE, PRODUCTS.NAME, MANU.NAME "Manuf. Name" FROM MANU INNER JOI' at line 1

MariaDB [test]> create view d10\_v8 as SELECT PRODUCTS.CODE, PRODUCTS.NAME "product name", MANU.NAME "Manuf. Name" FROM MANU INNER JOIN PRODUCTS ON PRODUCTS.CODE = MANU.CODE;

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> select \* d10\_v8;

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 'd10\_v8' at line 1

MariaDB [test]> select \* from d10\_v8;

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

| CODE | product name | Manuf. 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 |

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

8 rows in set (0.00 sec)

MariaDB [test]> 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 |

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

| 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 [test]> create view d10\_v9 as SELECT COUNT(\*),p.manufacturer,m.name

-> FROM products as p

-> inner join manu m

-> ON m.code=p.manufacturer

-> GROUP BY manufacturer;

Query OK, 0 rows affected (0.02 sec)

MariaDB [test]> select \* from d10\_v9;

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

| 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 [test]> create view d10\_v10 as 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;

Query OK, 0 rows affected (0.00 sec)

MariaDB [test]> select \* from d10\_v11;

ERROR 1146 (42S02): Table 'test.d10\_v11' doesn't exist

MariaDB [test]> select \* from d10\_v10;

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

| COUNT(\*) | manufacturer | name |

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

| 1 | 1 | Sony |

| 3 | 2 | Creative Labs |

| 2 | 3 | Hewlett-Packard |

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

3 rows in set (0.00 sec)

MariaDB [test]> create view d10\_v11 as 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;

Query OK, 0 rows affected (0.01 sec)

MariaDB [test]> SELECT ADDDATE('2008-05-15', INTERVAL 10 DAY) as required\_date;

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

| required\_date |

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

| 2008-05-25 |

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

1 row in set (0.00 sec)

MariaDB [test]> SELECT ADDDATE('2008-05-15', INTERVAL 10 MONTH) as required\_date;

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

| required\_date |

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

| 2009-03-15 |

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

1 row in set (0.00 sec)

MariaDB [test]>