Setting environment for using XAMPP for Windows.

TuanLeVan@DESKTOP-L55FR95 c:\xampp

# mysql -u root -p

Enter password:

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

Your MySQL connection id is 1

Server version: 5.6.26 MySQL Community Server (GPL)

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owners.

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

mysql> show databases;

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

| Database |

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

| information\_schema |

| cdcol |

| citymaster |

| csd2204w18 |

| homestudy |

| mysql |

| performance\_schema |

| persons |

| phpmyadmin |

| something |

| test |

| webauth |

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

12 rows in set (0.04 sec)

mysql> use csd2204w18;

Database changed

mysql> show tables;

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

| Tables\_in\_csd2204w18 |

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

| c1 |

| c2 |

| citymaster |

| customers |

| j3 |

| movie |

| movies |

| persons |

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

8 rows in set (0.00 sec)

mysql> use movie;

ERROR 1049 (42000): Unknown database 'movie'

mysql> select\* from movie

-> ;

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

| ID | Title | director | Year | Lengthminutes | BOCollection |

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

| 0 | Maurizio Willock | 2004 | 100 | 4 | 36.00 |

| 2 | The UFO Incident | Dillon Dillimore | 2008 | 49 | 5.46 |

| 3 | Gambit | Carri Garrals | 2007 | 100 | 53.48 |

| 4 | Against the sun | Carri Garrals | 2007 | 100 | 53.48 |

| 5 | Room for one more | Coreen Friendlos | 2007 | 80 | 3.03 |

| 6 | Paris is Burning | Carri Garrals | 1995 | 50 | 26.55 |

| 7 | Cars | John Lasseter | 2003 | 35 | 77.02 |

| 8 | Invaders from Mars | Carri Garrals | 2007 | 50 | 81.73 |

| 9 | Train | Andrew Stanton | 2004 | 71 | 81.10 |

| 10 | Buried Alive | Dillon Dillimore | 2009 | 100 | 2.36 |

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

10 rows in set (0.04 sec)

mysql> alter table movie delete director 2004;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'delete director 2004' at line 1

mysql> delete table movie where director=2004;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'table movie where director=2004' at line 1

mysql> delete from movie where director=2004;

Query OK, 1 row affected, 9 warnings (0.06 sec)

mysql> select\*from movie;

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

| ID | Title | director | Year | Lengthminutes | BOCollection |

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

| 2 | The UFO Incident | Dillon Dillimore | 2008 | 49 | 5.46 |

| 3 | Gambit | Carri Garrals | 2007 | 100 | 53.48 |

| 4 | Against the sun | Carri Garrals | 2007 | 100 | 53.48 |

| 5 | Room for one more | Coreen Friendlos | 2007 | 80 | 3.03 |

| 6 | Paris is Burning | Carri Garrals | 1995 | 50 | 26.55 |

| 7 | Cars | John Lasseter | 2003 | 35 | 77.02 |

| 8 | Invaders from Mars | Carri Garrals | 2007 | 50 | 81.73 |

| 9 | Train | Andrew Stanton | 2004 | 71 | 81.10 |

| 10 | Buried Alive | Dillon Dillimore | 2009 | 100 | 2.36 |

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

9 rows in set (0.00 sec)

mysql> alter table movie add column

-> ;

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

mysql> insert into movie values(1,'Heaven and Earth', 2008,100, 5.46);

ERROR 1136 (21S01): Column count doesn't match value count at row 1

mysql> insert into movie values(1,'Heaven and Earth', 2008,100, 5.46);

ERROR 1136 (21S01): Column count doesn't match value count at row 1

mysql> insert into movie values(1,'Heaven and Earth','Maurizio Willock', 2008,100, 5.46);

Query OK, 1 row affected (0.08 sec)

mysql> select \* from movie;

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

| ID | Title | director | Year | Lengthminutes | BOCollection |

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

| 1 | Heaven and Earth | Maurizio Willock | 2008 | 100 | 5.46 |

| 2 | The UFO Incident | Dillon Dillimore | 2008 | 49 | 5.46 |

| 3 | Gambit | Carri Garrals | 2007 | 100 | 53.48 |

| 4 | Against the sun | Carri Garrals | 2007 | 100 | 53.48 |

| 5 | Room for one more | Coreen Friendlos | 2007 | 80 | 3.03 |

| 6 | Paris is Burning | Carri Garrals | 1995 | 50 | 26.55 |

| 7 | Cars | John Lasseter | 2003 | 35 | 77.02 |

| 8 | Invaders from Mars | Carri Garrals | 2007 | 50 | 81.73 |

| 9 | Train | Andrew Stanton | 2004 | 71 | 81.10 |

| 10 | Buried Alive | Dillon Dillimore | 2009 | 100 | 2.36 |

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

10 rows in set (0.00 sec)

mysql> update movie set 5.46 = 4.36;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '5.46 = 4.36' at line 1

mysql> update movie set BOCollection=5.46 where ID=1;

Query OK, 0 rows affected (0.08 sec)

Rows matched: 1 Changed: 0 Warnings: 0

mysql> select\*from movie;

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

| ID | Title | director | Year | Lengthminutes | BOCollection |

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

| 1 | Heaven and Earth | Maurizio Willock | 2008 | 100 | 5.46 |

| 2 | The UFO Incident | Dillon Dillimore | 2008 | 49 | 5.46 |

| 3 | Gambit | Carri Garrals | 2007 | 100 | 53.48 |

| 4 | Against the sun | Carri Garrals | 2007 | 100 | 53.48 |

| 5 | Room for one more | Coreen Friendlos | 2007 | 80 | 3.03 |

| 6 | Paris is Burning | Carri Garrals | 1995 | 50 | 26.55 |

| 7 | Cars | John Lasseter | 2003 | 35 | 77.02 |

| 8 | Invaders from Mars | Carri Garrals | 2007 | 50 | 81.73 |

| 9 | Train | Andrew Stanton | 2004 | 71 | 81.10 |

| 10 | Buried Alive | Dillon Dillimore | 2009 | 100 | 2.36 |

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

10 rows in set (0.00 sec)

mysql> update movie set BOCollection=4.36 where ID=1;

Query OK, 1 row affected (0.09 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select\*from movie;

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

| ID | Title | director | Year | Lengthminutes | BOCollection |

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

| 1 | Heaven and Earth | Maurizio Willock | 2008 | 100 | 4.36 |

| 2 | The UFO Incident | Dillon Dillimore | 2008 | 49 | 5.46 |

| 3 | Gambit | Carri Garrals | 2007 | 100 | 53.48 |

| 4 | Against the sun | Carri Garrals | 2007 | 100 | 53.48 |

| 5 | Room for one more | Coreen Friendlos | 2007 | 80 | 3.03 |

| 6 | Paris is Burning | Carri Garrals | 1995 | 50 | 26.55 |

| 7 | Cars | John Lasseter | 2003 | 35 | 77.02 |

| 8 | Invaders from Mars | Carri Garrals | 2007 | 50 | 81.73 |

| 9 | Train | Andrew Stanton | 2004 | 71 | 81.10 |

| 10 | Buried Alive | Dillon Dillimore | 2009 | 100 | 2.36 |

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

10 rows in set (0.00 sec)

mysql> update movie set Year=2004 where ID=1;

Query OK, 1 row affected (0.07 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select\*from movie;

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

| ID | Title | director | Year | Lengthminutes | BOCollection |

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

| 1 | Heaven and Earth | Maurizio Willock | 2004 | 100 | 4.36 |

| 2 | The UFO Incident | Dillon Dillimore | 2008 | 49 | 5.46 |

| 3 | Gambit | Carri Garrals | 2007 | 100 | 53.48 |

| 4 | Against the sun | Carri Garrals | 2007 | 100 | 53.48 |

| 5 | Room for one more | Coreen Friendlos | 2007 | 80 | 3.03 |

| 6 | Paris is Burning | Carri Garrals | 1995 | 50 | 26.55 |

| 7 | Cars | John Lasseter | 2003 | 35 | 77.02 |

| 8 | Invaders from Mars | Carri Garrals | 2007 | 50 | 81.73 |

| 9 | Train | Andrew Stanton | 2004 | 71 | 81.10 |

| 10 | Buried Alive | Dillon Dillimore | 2009 | 100 | 2.36 |

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

10 rows in set (0.00 sec)

mysql> CREATE TABLE manu(Code INTEGER(3) AUTO\_INCREMENT ,Name VARCHAR(50) NOT NULL,CONSTRAINT PK\_MANU PRIMARY KEY (CODE));

Query OK, 0 rows affected (0.31 sec)

mysql> select\*from manu

-> ;

Empty set (0.00 sec)

mysql>

mysql> ;

ERROR:

No query specified

mysql> show tables;

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

| Tables\_in\_csd2204w18 |

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

| c1 |

| c2 |

| citymaster |

| customers |

| j3 |

| manu |

| movie |

| movies |

| persons |

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

9 rows in set (0.00 sec)

mysql> delete manu;

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

mysql> delete table manu;

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

mysql> delete tables manu;

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

mysql> 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 (0.08 sec)

Query OK, 1 row affected (0.03 sec)

Query OK, 1 row affected (0.13 sec)

Query OK, 1 row affected (0.06 sec)

Query OK, 1 row affected (0.05 sec)

Query OK, 1 row affected (0.05 sec)

Query OK, 1 row affected (0.05 sec)

Query OK, 1 row affected (0.05 sec)

Query OK, 0 rows affected (0.31 sec)

Query OK, 1 row affected (0.05 sec)

Query OK, 1 row affected (0.03 sec)

Query OK, 1 row affected (0.06 sec)

Query OK, 1 row affected (0.03 sec)

Query OK, 1 row affected (0.03 sec)

Query OK, 1 row affected (0.05 sec)

Query OK, 1 row affected (0.05 sec)

Query OK, 1 row affected (0.05 sec)

Query OK, 1 row affected (0.04 sec)

Query OK, 1 row affected (0.05 sec)

Query OK, 1 row affected (0.04 sec)

Query OK, 1 row affected (0.06 sec)

Query OK, 1 row affected (0.05 sec)

mysql> select \*from manu

-> ;

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

| Code | Name |

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

| 1 | Creative Labs |

| 2 | Hewlett-Packard |

| 3 | Iomega |

| 4 | Fujitsu |

| 5 | Winchester |

| 6 | moxDroid Labs Inc |

| 7 | Dell |

| 8 | Bell Labs |

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

8 rows in set (0.00 sec)

mysql> 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)

mysql> select products.code, products.name, manu.name , from manu INNER JOIN products ON manu.code = products.code;

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

mysql> select products.code, products.name, manu.name, from manu INNER JOIN products ON manu.code = products.code;

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

mysql> select products.code, products.name, manu.name, from manu INNER JOIN products ON manu.code = products.code;

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

mysql> select products.code, products.name, manu.name from manu INNER JOIN products ON manu.code = products.code;

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

| code | name | name |

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

| 1 | Hard drive | Creative Labs |

| 2 | Memory | Hewlett-Packard |

| 3 | ZIP drive | Iomega |

| 4 | Floppy disk | Fujitsu |

| 5 | Monitor | Winchester |

| 6 | DVD drive | moxDroid Labs Inc |

| 7 | CD drive | Dell |

| 8 | Printer | Bell Labs |

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

8 rows in set (0.00 sec)

mysql> select products.code, products.name, manu.name from manu INNER JOIN products ON manu.code = products.code;

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

| code | name | name |

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

| 1 | Hard drive | Creative Labs |

| 2 | Memory | Hewlett-Packard |

| 3 | ZIP drive | Iomega |

| 4 | Floppy disk | Fujitsu |

| 5 | Monitor | Winchester |

| 6 | DVD drive | moxDroid Labs Inc |

| 7 | CD drive | Dell |

| 8 | Printer | Bell Labs |

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

8 rows in set (0.00 sec)

mysql> select products.code, products.name, manu.name from manu INNER JOIN products ON manu.code = products.code;

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

| code | name | name |

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

| 1 | Hard drive | Creative Labs |

| 2 | Memory | Hewlett-Packard |

| 3 | ZIP drive | Iomega |

| 4 | Floppy disk | Fujitsu |

| 5 | Monitor | Winchester |

| 6 | DVD drive | moxDroid Labs Inc |

| 7 | CD drive | Dell |

| 8 | Printer | Bell Labs |

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

8 rows in set (0.00 sec)

mysql> 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)

mysql> select count(\*), manufacturer

-> from products as p

-> INNER JOIN manu m

-> On m.code=p.manufacturer

-> GROUP BY manufacturer having manufacturer < 4;

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

| count(\*) | manufacturer |

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

| 1 | 1 |

| 3 | 2 |

| 2 | 3 |

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

3 rows in set (0.00 sec)

mysql> select count(\*), manufacturer

-> from products as p

-> INNER JOIN manu m.name

-> ON m.code=p.manufacturer

-> GROUP BY manufacturer having manufacturer < 4;

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

ON m.code=p.manufacturer

GROUP BY manufacturer having manufacturer < 4' at line 3

mysql> select count(\*), manufacturer

->

-> from products as p

-> INNER JOIN manu m.name

-> ON m.code=p.manufacturer

-> GROUP BY manufacturer having manufacturer < 4;

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

ON m.code=p.manufacturer

GROUP BY manufacturer having manufacturer < 4' at line 4

mysql> Select count(\*), manufacturer,m.name FROM products on inner manu m on m.code=p.manufacturer group by manufacturer having manufacturer > 2;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'on inner manu m on m.code=p.manufacturer group by manufacturer having manufactur' at line 1

mysql> Select count(\*), manufacturer,m.name FROM products on inner manu m on m.code=p.manufacturer group by manufacturer having manufacturer <> 4;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'on inner manu m on m.code=p.manufacturer group by manufacturer having manufactur' at line 1

mysql> Select count(\*), manufacturer,m.name FROM products on inner manu m on m.code=p.manufacturer group by manufacturer having manufacturer <> 4;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'on inner manu m on m.code=p.manufacturer group by manufacturer having manufactur' at line 1

mysql> select count(\*),manufacturer,m.name from products as p INNER JOIN manu m ON m.code=p,manufacturer GROUP by manufacturer having count(\*)=2;

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

mysql> Select count(\*), manufacturer,m.name FROM products on inner manu m as p m.code=p.manufacturer group by manufacturer having manufacturer <> 4;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'on inner manu m as p m.code=p.manufacturer group by manufacturer having manufact' at line 1

mysql> select count(\*),manufacturer,m.name from products as p INNER JOIN manu m ON m.code=p,manufacturer GROUP by manufacturer having count(\*)=2;

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

mysql> 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;

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

mysql> 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;

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

mysql> select\*manu;

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

mysql> select\*from manu;

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

| Code | Name |

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

| 1 | Creative Labs |

| 2 | Hewlett-Packard |

| 3 | Iomega |

| 4 | Fujitsu |

| 5 | Winchester |

| 6 | moxDroid Labs Inc |

| 7 | Dell |

| 8 | Bell Labs |

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

8 rows in set (0.00 sec)

mysql> select count(\*), manufacturer,m.name from products as p inner join manu m on m.code=p,manufacturer group by manufacturer having count(\*)=2;

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

mysql> select count(\*), manufacturer,m.name from products a p inner join manu m on m.code=p,manufacturer group by manufacturer having count(\*)=2;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'p inner join manu m on m.code=p,manufacturer group by manufacturer having count(' at line 1

mysql> select count(\*), manufacturer,m.name from products as p inner join manu m on m.code=p,manufacturer group by manufacturer having count(\*)=2;

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

mysql> select\* from manu;

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

| Code | Name |

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

| 1 | Creative Labs |

| 2 | Hewlett-Packard |

| 3 | Iomega |

| 4 | Fujitsu |

| 5 | Winchester |

| 6 | moxDroid Labs Inc |

| 7 | Dell |

| 8 | Bell Labs |

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

8 rows in set (0.00 sec)

mysql> select count(\*), manufacturer,m.name from products as p inner join manu m on m.code=p,manufacturer group by manufacturer having count(\*)=2;

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

mysql> 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 | Iomega |

| 2 | 6 | moxDroid Labs Inc |

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

2 rows in set (0.00 sec)

mysql> select count(\*), manufacturer,m.name from products a p inner join manu m on m.code=p.manufacturer group by manufacturer having count(\*)=2;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'p inner join manu m on m.code=p.manufacturer group by manufacturer having count(' at line 1

mysql> 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 | Iomega |

| 2 | 6 | moxDroid Labs Inc |

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

2 rows in set (0.00 sec)

mysql> 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 | Iomega |

| 2 | 6 | moxDroid Labs Inc |

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

2 rows in set (0.00 sec)

mysql> Select count(\*), manufacturer,m.name FROM products on inner manu m as p m.code=p.manufacturer group by manufacturer having manufacturer <> 4;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'on inner manu m as p m.code=p.manufacturer group by manufacturer having manufact' at line 1

mysql> select count(\*),manufacturer,m.name from products as p INNER JOIN manu m ON m.code=p,manufacturer GROUP by manufacturer having count(\*)=2;

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

mysql> Select count(\*), manufacturer,m.name FROM products on inner manu m on m.code=p.manufacturer group by manufacturer having manufacturer > 2;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'on inner manu m on m.code=p.manufacturer group by manufacturer having manufactur' at line 1

mysql> 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 | Hewlett-Packard |

| 3 | 7 | Dell |

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

2 rows in set (0.00 sec)

mysql> select products.code, products.name, manu.name from manu left join products on manu.code=products.code;

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

| code | name | name |

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

| 1 | Hard drive | Creative Labs |

| 2 | Memory | Hewlett-Packard |

| 3 | ZIP drive | Iomega |

| 4 | Floppy disk | Fujitsu |

| 5 | Monitor | Winchester |

| 6 | DVD drive | moxDroid Labs Inc |

| 7 | CD drive | Dell |

| 8 | Printer | Bell Labs |

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

8 rows in set (0.00 sec)

mysql> select products.code, products.name, manu.name from manu left join products on manu.code=products.code;

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

| code | name | name |

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

| 1 | Hard drive | Creative Labs |

| 2 | Memory | Hewlett-Packard |

| 3 | ZIP drive | Iomega |

| 4 | Floppy disk | Fujitsu |

| 5 | Monitor | Winchester |

| 6 | DVD drive | moxDroid Labs Inc |

| 7 | CD drive | Dell |

| 8 | Printer | Bell Labs |

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

8 rows in set (0.00 sec)

mysql> 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)

mysql> select\* from manu;

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

| Code | Name |

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

| 1 | Creative Labs |

| 2 | Hewlett-Packard |

| 3 | Iomega |

| 4 | Fujitsu |

| 5 | Winchester |

| 6 | moxDroid Labs Inc |

| 7 | Dell |

| 8 | Bell Labs |

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

8 rows in set (0.00 sec)

mysql> select products.code, products.name, manu.name from manu left join products on manu.code=products.code;

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

| code | name | name |

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

| 1 | Hard drive | Creative Labs |

| 2 | Memory | Hewlett-Packard |

| 3 | ZIP drive | Iomega |

| 4 | Floppy disk | Fujitsu |

| 5 | Monitor | Winchester |

| 6 | DVD drive | moxDroid Labs Inc |

| 7 | CD drive | Dell |

| 8 | Printer | Bell Labs |

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

8 rows in set (0.00 sec)

mysql> select products.code, products.name, manu.name from manu left join manu on manu.code=products.code;

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

mysql> select products.code, products.name, manu.name from manu left join manu on manu.code=products.code;

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

mysql> select products.code, products.name, manu.name from manu left join manu on manu.code=products.code;

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

mysql> select products.code, products.name, manu.name from manu left join manu on manu.code=products.code;

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

mysql> select products.code, products.name, manu.name from products left join manu on manu.code=products.manufacturer;

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

| code | name | name |

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

| 1 | Hard drive | Winchester |

| 2 | Memory | moxDroid Labs Inc |

| 3 | ZIP drive | Fujitsu |

| 4 | Floppy disk | moxDroid Labs Inc |

| 5 | Monitor | Creative Labs |

| 6 | DVD drive | Hewlett-Packard |

| 7 | CD drive | Hewlett-Packard |

| 8 | Printer | Iomega |

| 9 | Toner cartridge | Iomega |

| 10 | DVD burner | Hewlett-Packard |

| 11 | Printer | Dell |

| 12 | Toner cartridge | Dell |

| 13 | DVD burner | Dell |

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

13 rows in set (0.00 sec)

mysql> select products.code, products.name, manu.name from products left join manu on manu.code=products.manufacturer;

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

| code | name | name |

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

| 1 | Hard drive | Winchester |

| 2 | Memory | moxDroid Labs Inc |

| 3 | ZIP drive | Fujitsu |

| 4 | Floppy disk | moxDroid Labs Inc |

| 5 | Monitor | Creative Labs |

| 6 | DVD drive | Hewlett-Packard |

| 7 | CD drive | Hewlett-Packard |

| 8 | Printer | Iomega |

| 9 | Toner cartridge | Iomega |

| 10 | DVD burner | Hewlett-Packard |

| 11 | Printer | Dell |

| 12 | Toner cartridge | Dell |

| 13 | DVD burner | Dell |

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

13 rows in set (0.00 sec)

mysql> select products.code, products.name, manu.name from products left join manu on manu.code=products.manufacturer;

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

| code | name | name |

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

| 1 | Hard drive | Winchester |

| 2 | Memory | moxDroid Labs Inc |

| 3 | ZIP drive | Fujitsu |

| 4 | Floppy disk | moxDroid Labs Inc |

| 5 | Monitor | Creative Labs |

| 6 | DVD drive | Hewlett-Packard |

| 7 | CD drive | Hewlett-Packard |

| 8 | Printer | Iomega |

| 9 | Toner cartridge | Iomega |

| 10 | DVD burner | Hewlett-Packard |

| 11 | Printer | Dell |

| 12 | Toner cartridge | Dell |

| 13 | DVD burner | Dell |

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

13 rows in set (0.00 sec)

mysql> select products.code, products.name, manu.name from products right join manu on manu.code=products.manufacturer;

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

| code | name | name |

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

| 5 | Monitor | Creative Labs |

| 6 | DVD drive | Hewlett-Packard |

| 7 | CD drive | Hewlett-Packard |

| 10 | DVD burner | Hewlett-Packard |

| 8 | Printer | Iomega |

| 9 | Toner cartridge | Iomega |

| 3 | ZIP drive | Fujitsu |

| 1 | Hard drive | Winchester |

| 2 | Memory | moxDroid Labs Inc |

| 4 | Floppy disk | moxDroid Labs Inc |

| 11 | Printer | Dell |

| 12 | Toner cartridge | Dell |

| 13 | DVD burner | Dell |

| NULL | NULL | Bell Labs |

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

14 rows in set (0.00 sec)

mysql> select\*from manu

-> ;

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

| Code | Name |

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

| 1 | Creative Labs |

| 2 | Hewlett-Packard |

| 3 | Iomega |

| 4 | Fujitsu |

| 5 | Winchester |

| 6 | moxDroid Labs Inc |

| 7 | Dell |

| 8 | Bell Labs |

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

8 rows in set (0.00 sec)

mysql> 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)

mysql> select products.code, products.name,products.price,manu.name from products right join manu on manu.code=products.manufacturer;

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

| code | name | price | name |

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

| 5 | Monitor | 240 | Creative Labs |

| 6 | DVD drive | 180 | Hewlett-Packard |

| 7 | CD drive | 90 | Hewlett-Packard |

| 10 | DVD burner | 180 | Hewlett-Packard |

| 8 | Printer | 270 | Iomega |

| 9 | Toner cartridge | 66 | Iomega |

| 3 | ZIP drive | 150 | Fujitsu |

| 1 | Hard drive | 240 | Winchester |

| 2 | Memory | 120 | moxDroid Labs Inc |

| 4 | Floppy disk | 5 | moxDroid Labs Inc |

| 11 | Printer | 40 | Dell |

| 12 | Toner cartridge | 54 | Dell |

| 13 | DVD burner | 78 | Dell |

| NULL | NULL | NULL | Bell Labs |

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

14 rows in set (0.00 sec)

mysql> 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 | Creative Labs |

| 3 | 2 | Hewlett-Packard |

| 2 | 3 | Iomega |

| 1 | 4 | Fujitsu |

| 1 | 5 | Winchester |

| 2 | 6 | moxDroid Labs Inc |

| 3 | 7 | Dell |

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

7 rows in set (0.00 sec)

mysql> 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 |

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

| 1 | 1 | Creative Labs |

| 3 | 2 | Hewlett-Packard |

| 2 | 3 | Iomega |

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

3 rows in set (0.00 sec)

mysql> select count(\*), p.manufacturer,m.name from products as p inner join manu m ON m.code=p.manufacturer GROUP BY manufacturer having manufacturer<3;

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

| count(\*) | manufacturer | name |

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

| 1 | 1 | Creative Labs |

| 3 | 2 | Hewlett-Packard |

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

2 rows in set (0.00 sec)

mysql> select count(\*), p.manufacturer,m.name from products as p inner join manu m ON m.code=p.manufacturer GROUP BY manufacturer having manufacturer<7;

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

| count(\*) | manufacturer | name |

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

| 1 | 1 | Creative Labs |

| 3 | 2 | Hewlett-Packard |

| 2 | 3 | Iomega |

| 1 | 4 | Fujitsu |

| 1 | 5 | Winchester |

| 2 | 6 | moxDroid Labs Inc |

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

6 rows in set (0.00 sec)

mysql> select count(\*), p.manufacturer,m.name from products as p inner join manu m ON m.code=p.manufacturer GROUP BY manufacturer having manufacturer>2;

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

| count(\*) | manufacturer | name |

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

| 2 | 3 | Iomega |

| 1 | 4 | Fujitsu |

| 1 | 5 | Winchester |

| 2 | 6 | moxDroid Labs Inc |

| 3 | 7 | Dell |

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

5 rows in set (0.00 sec)

mysql> 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;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '><4' at line 1

mysql> 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 |

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

| 1 | 1 | Creative Labs |

| 3 | 2 | Hewlett-Packard |

| 2 | 3 | Iomega |

| 1 | 5 | Winchester |

| 2 | 6 | moxDroid Labs Inc |

| 3 | 7 | Dell |

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

6 rows in set (0.00 sec)

mysql> 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 | 3 | Iomega |

| 2 | 6 | moxDroid Labs Inc |

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

2 rows in set (0.00 sec)

mysql> 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)

mysql> 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 | 3 | Iomega |

| 2 | 6 | moxDroid Labs Inc |

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

2 rows in set (0.00 sec)

mysql> select\* from manu;

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

| Code | Name |

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

| 1 | Creative Labs |

| 2 | Hewlett-Packard |

| 3 | Iomega |

| 4 | Fujitsu |

| 5 | Winchester |

| 6 | moxDroid Labs Inc |

| 7 | Dell |

| 8 | Bell Labs |

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

8 rows in set (0.00 sec)

mysql> 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 |

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

| 3 | 2 | Hewlett-Packard |

| 2 | 3 | Iomega |

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

2 rows in set (0.00 sec)

mysql> select products.code, products.name, products.price, products.manufacture from manu left join products on products.code=manu.code;

ERROR 1054 (42S22): Unknown column 'products.manufacture' in 'field list'

mysql> select products.code, products.name, products.price, products.manufac;

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

mysql> select from 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;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'from products.code, products.name, manu.name from products left join manu on pro' at line 1

mysql> select from products.code, products.name, manu.name from products left join manu on products.code = manu.code union;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'from products.code, products.name, manu.name from products left join manu on pro' at line 1

mysql> select from products.code, products.name, manu.name from products left join manu on products.code = manu.code union

->

->

-> ;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'from products.code, products.name, manu.name from products left join manu on pro' at line 1

mysql> select products.code,products.name, manu.name from products products, products where products.code<>manu.code;

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

mysql> select products.code,products.name, manu.name from products, products where products.code<>manu.code;

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

mysql> select products.code,products.name, manu.name from products, products where products.code<>manu.code;

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

mysql> 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)

mysql> select products.code,products.name,manu.name from products right join manu on manu.code=products.code;

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

| code | name | name |

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

| 1 | Hard drive | Creative Labs |

| 2 | Memory | Hewlett-Packard |

| 3 | ZIP drive | Iomega |

| 4 | Floppy disk | Fujitsu |

| 5 | Monitor | Winchester |

| 6 | DVD drive | moxDroid Labs Inc |

| 7 | CD drive | Dell |

| 8 | Printer | Bell Labs |

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

8 rows in set (0.00 sec)

mysql> select\*from manu;

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

| Code | Name |

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

| 1 | Creative Labs |

| 2 | Hewlett-Packard |

| 3 | Iomega |

| 4 | Fujitsu |

| 5 | Winchester |

| 6 | moxDroid Labs Inc |

| 7 | Dell |

| 8 | Bell Labs |

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

8 rows in set (0.00 sec)

mysql> select products.code,products.name,manu.name from products right join products products.code=products.code;

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

mysql> select products.code,products.name,manu.name from products right join manu on manu.code=products.code;

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

| code | name | name |

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

| 1 | Hard drive | Creative Labs |

| 2 | Memory | Hewlett-Packard |

| 3 | ZIP drive | Iomega |

| 4 | Floppy disk | Fujitsu |

| 5 | Monitor | Winchester |

| 6 | DVD drive | moxDroid Labs Inc |

| 7 | CD drive | Dell |

| 8 | Printer | Bell Labs |

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

8 rows in set (0.00 sec)

mysql> select products.code,products.name,manu.name from manu right join products on manu.code=products.manufacturer;

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

| code | name | name |

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

| 1 | Hard drive | Winchester |

| 2 | Memory | moxDroid Labs Inc |

| 3 | ZIP drive | Fujitsu |

| 4 | Floppy disk | moxDroid Labs Inc |

| 5 | Monitor | Creative Labs |

| 6 | DVD drive | Hewlett-Packard |

| 7 | CD drive | Hewlett-Packard |

| 8 | Printer | Iomega |

| 9 | Toner cartridge | Iomega |

| 10 | DVD burner | Hewlett-Packard |

| 11 | Printer | Dell |

| 12 | Toner cartridge | Dell |

| 13 | DVD burner | Dell |

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

13 rows in set (0.00 sec)

mysql> select products.code,products.name,manu.name from manu right join manu on manu.code=products.manufacturer;

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

mysql> select products.code,products.name,manu.name from products right join manu on manu.code=products.manufacturer;

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

| code | name | name |

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

| 5 | Monitor | Creative Labs |

| 6 | DVD drive | Hewlett-Packard |

| 7 | CD drive | Hewlett-Packard |

| 10 | DVD burner | Hewlett-Packard |

| 8 | Printer | Iomega |

| 9 | Toner cartridge | Iomega |

| 3 | ZIP drive | Fujitsu |

| 1 | Hard drive | Winchester |

| 2 | Memory | moxDroid Labs Inc |

| 4 | Floppy disk | moxDroid Labs Inc |

| 11 | Printer | Dell |

| 12 | Toner cartridge | Dell |

| 13 | DVD burner | Dell |

| NULL | NULL | Bell Labs |

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

14 rows in set (0.00 sec)

mysql> select products.code,products.name,manu.name from products right join manu on manu.code=products.manufacturer;

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

| code | name | name |

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

| 5 | Monitor | Creative Labs |

| 6 | DVD drive | Hewlett-Packard |

| 7 | CD drive | Hewlett-Packard |

| 10 | DVD burner | Hewlett-Packard |

| 8 | Printer | Iomega |

| 9 | Toner cartridge | Iomega |

| 3 | ZIP drive | Fujitsu |

| 1 | Hard drive | Winchester |

| 2 | Memory | moxDroid Labs Inc |

| 4 | Floppy disk | moxDroid Labs Inc |

| 11 | Printer | Dell |

| 12 | Toner cartridge | Dell |

| 13 | DVD burner | Dell |

| NULL | NULL | Bell Labs |

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

14 rows in set (0.00 sec)

mysql> 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 | Creative Labs |

| 2 | Memory | Hewlett-Packard |

| 3 | ZIP drive | Iomega |

| 4 | Floppy disk | Fujitsu |

| 5 | Monitor | Winchester |

| 6 | DVD drive | moxDroid Labs Inc |

| 7 | CD drive | Dell |

| 8 | Printer | Bell Labs |

| 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)

mysql> select products.code, products.name, manu.name from products right join manu on products.code=manu.code;

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

| code | name | name |

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

| 1 | Hard drive | Creative Labs |

| 2 | Memory | Hewlett-Packard |

| 3 | ZIP drive | Iomega |

| 4 | Floppy disk | Fujitsu |

| 5 | Monitor | Winchester |

| 6 | DVD drive | moxDroid Labs Inc |

| 7 | CD drive | Dell |

| 8 | Printer | Bell Labs |

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

8 rows in set (0.00 sec)

mysql> select products.code, products.name, manu.name from products right join manu on products.code=manu.code;

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

| code | name | name |

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

| 1 | Hard drive | Creative Labs |

| 2 | Memory | Hewlett-Packard |

| 3 | ZIP drive | Iomega |

| 4 | Floppy disk | Fujitsu |

| 5 | Monitor | Winchester |

| 6 | DVD drive | moxDroid Labs Inc |

| 7 | CD drive | Dell |

| 8 | Printer | Bell Labs |

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

8 rows in set (0.00 sec)

mysql> 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 products on products.code=manu.code;

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

mysql> select products.code, products.name, manu.name from products right join products on manu.name=products.manufacturer;

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

mysql> 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 products on products.code=manu.code;

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

mysql> 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 | Creative Labs |

| 2 | Memory | Hewlett-Packard |

| 3 | ZIP drive | Iomega |

| 4 | Floppy disk | Fujitsu |

| 5 | Monitor | Winchester |

| 6 | DVD drive | moxDroid Labs Inc |

| 7 | CD drive | Dell |

| 8 | Printer | Bell Labs |

| 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)

mysql> select products.code,products.name,manu.name from products ;

ERROR 1054 (42S22): Unknown column 'manu.name' in 'field list'

mysql> 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)

mysql> Create table pet(

-> name varchar(20),

-> owner varchar(20),

-> species varchar(20),

-> sex char(1),

-> birth DATE,

-> death DATE);

Query OK, 0 rows affected (0.71 sec)

mysql> FluffyHaroldcatf1993-02-04 ClawsGwencatm1994-03-17 BuffyHarolddogf1989-05-13 FangBennydogm1990-08-27 BowserDianedogm1979-08-311995-07-29ChirpyGwenbirdf1998-09-11 WhistlerGwenbird 1997-12-09 SlimBennysnakem1996-04-29

-> ;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'FluffyHaroldcatf1993-02-04 ClawsGwencatm1994-03-17 BuffyHarolddogf1989-05-13 Fan' at line 1

mysql> select\*from pet;

Empty set (0.00 sec)

mysql> insert into values('FluffyHaroldcatf',1993-02-04,\asd 'ClawsGwencatm',1994-03-17 BuffyHarolddogf1989-05-13 FangBennydogm1990-08-27 BowserDianedogm1979-08-311995-07-29ChirpyGwenbirdf1998-09-11 WhistlerGwenbird 1997-12-09 SlimBennysnakem1996-04-29

ERROR:

Unknown command '\a'.

->

-> s;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'values('FluffyHaroldcatf',1993-02-04,\asd 'ClawsGwencatm',1994-03-17 BuffyHarold' at line 1

mysql> Load data infile '/applications/XAMPP/bin/pet.txt' to table pet;

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

mysql> Load data infile 'Downloads' to table pet;

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

mysql> load data infile 'C:\xampp' into table pet;

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

mysql> load data infile '\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)

mysql> load data infile '/xampp/pet.txt' into table pet;

Query OK, 8 rows affected, 7 warnings (0.07 sec)

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

mysql> 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)

mysql> select curdate();

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

| curdate() |

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

| 2018-01-16 |

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

1 row in set (0.00 sec)

mysql> select now();

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

| now() |

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

| 2018-01-16 10:16:19 |

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

1 row in set (0.00 sec)

mysql> select name, TIMESTAMPDIFE(year,dirth,curdate()) as e from pet;

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

mysql> select name, TIMESTAMPDIFF(year,dirth,curdate()) as e from pet;

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

mysql> select name, TIMESTAMPDIFF(year,death,curdate()) as e from pet;

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

| name | e |

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

| Fluffy | NULL |

| Claws | NULL |

| Buffy | NULL |

| Fang | NULL |

| Bowser | 22 |

| Chirpy | NULL |

| Whistler | NULL |

| Slim | NULL |

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

8 rows in set (0.00 sec)

mysql> select name, TIMESTAMPDIFF(year,death,curdate()) as AGE from pet;

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

| name | AGE |

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

| Fluffy | NULL |

| Claws | NULL |

| Buffy | NULL |

| Fang | NULL |

| Bowser | 22 |

| Chirpy | NULL |

| Whistler | NULL |

| Slim | NULL |

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

8 rows in set (0.00 sec)

mysql> 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)

mysql> select name, TIMESTAMPDIFF(year,birth,curdate()) as AGE from pet asc;

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

mysql> select name, TIMESTAMPDIFF(year,birth,curdate()) as AGE from pet asc;

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

mysql> 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)

mysql> select name, TIMESTAMPDIFF(year,birth,curdate()) as AGE>23 from pet;

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

mysql> select name, TIMESTAMPDIFF(year,birth,curdate()) as 'AGE'>23 from pet;

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

mysql> select name, TIMESTAMPDIFF(year,birth,curdate>23()) as AGE from pet;

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

mysql> select \* oet where TIMESTAMPDIFF(year,birth,curdate())>23;

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

mysql> select \* oet where TIMESTAMPDIFF(year,birth,curdate()>23;

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

mysql> select \* pet where TIMESTAMPDIFF(year,birth,curdate()>23;

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

mysql> select \* pet where TIMESTAMPDIFF(year,birth,curdate())>23;

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

mysql> select \* from pet where TIMESTAMPDIFF(year,birth,curdate())>23;

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

| 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 |

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

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

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

4 rows in set (0.00 sec)

mysql> select\*from pt;

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

mysql> 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)

mysql> insert into pet(name) values(123);

Query OK, 1 row affected (0.05 sec)

mysql> 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 |

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

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

9 rows in set (0.00 sec)

mysql> insert into pet(name) values(ABC123);

ERROR 1054 (42S22): Unknown column 'ABC123' in 'field list'

mysql> insert into pet(name) values(ABC123);

ERROR 1054 (42S22): Unknown column 'ABC123' in 'field list'

mysql> insert into pet(name) values('ABC123);

'> ;

'> insert into pet(name) values(ABC123);

'> ;

'>

'> ;

'>

'> s

'> ;

'>

'> insert into pet(name) values(ABC123);

'> select \*from pet;

'>

'>

'> ;;;;

'>

'> ;

'> bhkbk;

'> ;

'>

'> ';

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

mysql> insert into pet(name) values(ABC123);

ERROR 1054 (42S22): Unknown column 'ABC123' in 'field list'

mysql> insert into pet(name) values(abc123);

ERROR 1054 (42S22): Unknown column 'abc123' in 'field list'

mysql> select\*from pet where name REGEXP'^p';

Empty set (0.00 sec)

mysql> 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)

mysql> select\*from pet where name rLIKE 'y$',\*Y$');

'>

'> ;

'> ';

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '\*Y$');

;

'' at line 1

mysql> select\*from pet where name rLIKE 'y$,\*Y$');

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

mysql> select\*from pet where name REGEXP 'y$,\*Y$');

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

mysql> select\*from pet where name REGEXP '^F,\*y$');

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

mysql> select\*from pet where name REGEXP '^F.\*y$');

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

mysql> 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)

mysql> 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)

mysql>

mysql> 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)

mysql> 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)

mysql> select\*from pet where name rLIKE '^F'.\*y$';

'> ';

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '.\*y$';

'' at line 1

mysql> select\*from pet where name rLIKE '^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)

mysql> 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 |

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

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

9 rows in set (0.00 sec)

mysql> selec\_from pet where name REGEXP '(0-9)6;

'> ';

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'selec\_from pet where name REGEXP '(0-9)6;

'' at line 1

mysql> selec\_from pet where name REGEXP '(0-9)^';

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'selec\_from pet where name REGEXP '(0-9)^'' at line 1

mysql> selec\_from pet where name REGEXP '(0-9)';

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'selec\_from pet where name REGEXP '(0-9)'' at line 1

mysql> selec\_from pet where name REGEXP '(0-9)$';

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'selec\_from pet where name REGEXP '(0-9)$'' at line 1

mysql> select\*from pet where name REGEXP '(0-9)$';

Empty set (0.00 sec)

mysql> select\*from pet where name REGEXP '^(0-9)$';

Empty set (0.00 sec)

mysql> select\*from pet where name rLIKE '^(0-9)$';

Empty set (0.00 sec)

mysql> select\*from pet where name rLIKE '^(0-9)\*$';

Empty set (0.00 sec)

mysql> select\*from pet where name rLIKE '^(0-9)+$';

Empty set (0.00 sec)

mysql> select\*from pet where name rLIKE '^[0-9]$';

Empty set (0.00 sec)

mysql> select\*from pet where name rLIKE '^[0-9]+$';

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

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

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

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

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

1 row in set (0.00 sec)

mysql> select\*from pet where name rLIKE '^[0-9]\*$';

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

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

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

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

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

1 row in set (0.00 sec)

mysql> select\*from pet where name rLIKE '^[0-9]+$';

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

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

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

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

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

1 row in set (0.00 sec)

mysql> selec\*from pet;

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

mysql> 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 |

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

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

9 rows in set (0.00 sec)

mysql> insert into pet(name) values(abc123);

ERROR 1054 (42S22): Unknown column 'abc123' in 'field list'

mysql> insert into pet(name) values(12345);

Query OK, 1 row affected (0.07 sec)

mysql> 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 |

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

| 12345 | NULL | NULL | NULL | NULL | NULL |

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

10 rows in set (0.00 sec)

mysql> insert into pet(name) values('nh123');

Query OK, 1 row affected (0.12 sec)

mysql> 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 |

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

| 12345 | NULL | NULL | NULL | NULL | NULL |

| nh123 | NULL | NULL | NULL | NULL | NULL |

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

11 rows in set (0.00 sec)

mysql> select\*from pet where name REGEXP(.h');

'> ;'

-> ';

'>

'> ';

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

;'

';

'' at line 1

mysql> 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 |

| nh123 | NULL | NULL | NULL | NULL | NULL |

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

3 rows in set (0.00 sec)

mysql> update pet set name='ABC123' where name=12345;

Query OK, 1 row affected, 9 warnings (0.07 sec)

Rows matched: 1 Changed: 1 Warnings: 9

mysql> 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 |

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

| ABC123 | NULL | NULL | NULL | NULL | NULL |

| nh123 | NULL | NULL | NULL | NULL | NULL |

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

11 rows in set (0.00 sec)

mysql> 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 |

| nh123 | NULL | NULL | NULL | NULL | NULL |

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

3 rows in set (0.00 sec)

mysql> 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 |

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

2 rows in set (0.00 sec)

mysql> 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 |

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

2 rows in set (0.00 sec)

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

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

| 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 |

| ABC123 | NULL | NULL | NULL | NULL | NULL |

| nh123 | NULL | NULL | NULL | NULL | NULL |

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

10 rows in set (0.00 sec)

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

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

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

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

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

| ABC123 | NULL | NULL | NULL | NULL | NULL |

| nh123 | NULL | NULL | NULL | NULL | NULL |

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

3 rows in set (0.00 sec)

mysql> 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)

mysql> select\*from pet where name REGEXP '^[0-9](2)$';

Empty set (0.00 sec)

mysql> select\*from pet where name REGEXP '^[0-9](3)';

Empty set (0.00 sec)

mysql> 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)

mysql> 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)

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

Empty set (0.00 sec)

mysql> 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)

mysql> 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)

mysql>