

```
C:\xampp\mysql\bin>Mysql -h localhost -u root -p  
Enter password:  
Welcome to the MariaDB monitor. Commands end with ; or \g.  
Your MariaDB connection id is 8  
Server version: 10.4.24-MariaDB mariadb.org binary distribution
```

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

```
MariaDB [(none)]> show tables;  
ERROR 1046 (3D000): No database selected  
MariaDB [(none)]> show databases;  
+-----+  
| Database      |  
+-----+  
| arbolfamiliar  |  
| information_schema |  
| mysql          |  
| performance_schema |  
| phpmyadmin     |  
| test           |  
| transporte     |  
+-----+  
7 rows in set (0.137 sec)
```

```
MariaDB [(none)]> use arbolfamiliar;  
Database changed  
MariaDB [arbolfamiliar]> show table;  
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 '' at line 1
```

```
MariaDB [arbolfamiliar]> drop table familiar;
```

```
Query OK, 0 rows affected (1.889 sec)
```

```
MariaDB [arbolfamiliar]> create table familiar;
```

```
ERROR 1113 (42000): A table must have at least 1 column
```

```
MariaDB [arbolfamiliar]> SHOW tables;
```

```
Empty set (0.026 sec)
```

```
MariaDB [arbolfamiliar]> CREATE TABLE familiar(
```

```
    -> nombre VARCHAR(20), relacion VARCHAR(20),  
    -> edad INT(3), sexo CHAR(1), nacimiento DATE,  
    -> signo VARCHAR(20));
```

```
Query OK, 0 rows affected (1.185 sec)
```

```
MariaDB [arbolfamiliar]> SHOW TABLES;
```

```
+-----+  
| Tables_in_arbolfamiliar |  
+-----+  
| familiar |  
+-----+  
1 row in set (0.004 sec)
```

```
MariaDB [arbolfamiliar]> describe familiar;
```

```
+-----+-----+-----+-----+-----+  
| Field   | Type     | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+  
| nombre  | varchar(20) | YES  |   | NULL   |       |  
| relacion | varchar(20) | YES  |   | NULL   |       |  
| edad    | int(3)    | YES  |   | NULL   |       |  
| sexo    | char(1)   | YES  |   | NULL   |       |  
| nacimiento | date   | YES  |   | NULL   |       |
```

```
| signo    | varchar(20) | YES |    | NULL   |    |  
+-----+-----+-----+-----+-----+
```

6 rows in set (0.143 sec)

MariaDB [arbolfamiliar]> LOAD DATA LOCAL INFILE "familia.txt" INTO TABLE familiar;

Query OK, 9 rows affected, 7 warnings (0.185 sec)

Records: 9 Deleted: 0 Skipped: 0 Warnings: 7

MariaDB [arbolfamiliar]> SELECT * FROM familiar;

```
+-----+-----+-----+-----+-----+  
| nombre | relacion | edad | sexo | nacimiento | signo      |  
+-----+-----+-----+-----+-----+  
| Ana   | Mama   | 56 | f  | 1999-02-04 | tauroN     |  
| Alex  | Papa   | 60 | m  | 1998-03-17 | geminisN   |  
| David | Abuelo | 80 | m  | 1999-05-13 | cancerN   |  
| Alba  | Abuela | 81 | f  | 2000-08-27 | sagitarioN |  
| Carlos | Tio    | 27 | m  | 1998-08-31 | capricornioN  
| Felipe | Hermano | 33 | m  | 1998-09-11 | escorpionN |  
| monica | Hermana | 36 | f  | 2000-02-09 | virgoN     |  
|       | Prima   | 22 | f  | 2001-04-29 | libraN     |  
| Leonor | Esposa  | 34 | f  | 2000-01-01 | piscisN    |  
+-----+-----+-----+-----+-----+
```

9 rows in set (0.063 sec)

MariaDB [arbolfamiliar]> SELECT * FROM familiar;

```
+-----+-----+-----+-----+-----+  
| nombre | relacion | edad | sexo | nacimiento | signo      |  
+-----+-----+-----+-----+-----+  
| Ana   | Mama   | 56 | f  | 1999-02-04 | tauroN     |  
| Alex  | Papa   | 60 | m  | 1998-03-17 | geminisN   |  
| David | Abuelo | 80 | m  | 1999-05-13 | cancerN   |
```

```

| Alba | Abuela | 81 | f | 2000-08-27 | sagitarioN |
| Carlos | Tio | 27 | m | 1998-08-31 | capricornioN
| Felipe | Hermano | 33 | m | 1998-09-11 | escorpionN |
| monica | Hermana | 36 | f | 2000-02-09 | virgoN |
| | Prima | 22 | f | 2001-04-29 | libraN
| Leonor | Esposa | 34 | f | 2000-01-01 | piscisN |
+-----+-----+-----+-----+

```

9 rows in set (0.001 sec)

MariaDB [arbolfamiliar]> drop table familiar;

Query OK, 0 rows affected (0.201 sec)

```

MariaDB [arbolfamiliar]> CREATE TABLE familiar(
    -> nombre VARCHAR(20), relacion VARCHAR(20),
    -> edad INT(3), sexo CHAR(1), nacimiento DATE,
    -> signo VARCHAR(20));

```

Query OK, 0 rows affected (0.520 sec)

MariaDB [arbolfamiliar]> LOAD DATA LOCAL INFILE "familia.txt" INTO TABLE arbolfamiliar;

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

MariaDB [arbolfamiliar]> LOAD DATA LOCAL INFILE "familia.txt" INTO TABLE familiar;

Query OK, 9 rows affected, 4 warnings (0.235 sec)

Records: 9 Deleted: 0 Skipped: 0 Warnings: 4

MariaDB [arbolfamiliar]> SELECT * FROM familiar;

```

+-----+-----+-----+-----+-----+
| nombre | relacion | edad | sexo | nacimiento | signo |
+-----+-----+-----+-----+-----+
| | Mama | 56 | f | 1999-02-04 | tauro
|x | Papa | 60 | m | 1998-03-17 | geminis
|d | Abuelo | 80 | m | 1999-05-13 | cancer

```

```

|Iba | Abuela | 81 | f | 2000-08-27 | sagitario
|Carlos | Tio | 27 | m | 1998-08-31 | capricornio
|elipe | Hermano | 33 | m | 1998-09-11 | escorpion
| | Hermana | 36 | f | 2000-02-09 | virgo
| Prima | 22 | 0 | 2 | 0000-00-00 | NULL |
|or | Esposa | 34 | f | 2000-01-01 | piscis
+-----+

```

9 rows in set (0.001 sec)

MariaDB [arbolfamiliar]> DROP table familiar;

Query OK, 0 rows affected (0.209 sec)

MariaDB [arbolfamiliar]> CREATE TABLE familiar(

```

-> nombre1 VARCHAR(20), nombre2 VARCHAR(20),
-> apellido1 VARCHAR(20), apellido2 VARCHAR(20), vinculo VARCHAR(20),
-> genero VARCHAR(20), nacimiento DATE);

```

Query OK, 0 rows affected (0.294 sec)

MariaDB [arbolfamiliar]> LOAD DATA LOCAL INFILE "familiaacevedo.txt" INTO TABLE familiar;

Query OK, 9 rows affected, 9 warnings (0.275 sec)

Records: 9 Deleted: 0 Skipped: 0 Warnings: 9

MariaDB [arbolfamiliar]> SELECT * FROM familiar;

```

+-----+-----+-----+-----+-----+-----+
| nombre1 | nombre2 | apellido1 | apellido2 | vinculo | genero | nacimiento |
+-----+-----+-----+-----+-----+-----+
| Jose | Maria | Acevedo | Rojas | ABUELO | M | 1928-10-02 |
| Ana | | Cortes | Bernal | ABUELA | F | 1950-04-07 |
| Martha | Patricia | Acevedo | Vasquez | HIJA | F | 1972-10-15 |
| Sandra | Marcela | Acevedo | Vasquez | HIJA | F | 1978-08-15 |
| Juan | Carlos | Acevedo | Vasquez | HIJO | M | 1974-06-05 |

```

Adriana Marcela Ramos Ramos NUERA F 1974-10-27
Laura Camila Acevedo Ramos NIETA F 1995-12-07
Juan Pablo Acevedo Ramos NIETO M 1997-12-13
Ana Maria Acevedo Ramos NIETA F 2005-06-16

9 rows in set (0.001 sec)

MariaDB [arbolfamiliar]> SELECT * FROM familiar WHERE nombre1="Ana";

+-----+-----+-----+-----+-----+-----+
nombre1 nombre2 apellido1 apellido2 vinculo genero nacimiento
+-----+-----+-----+-----+-----+-----+
Ana Cortes Bernal ABUELA F 1950-04-07
Ana Maria Acevedo Ramos NIETA F 2005-06-16

2 rows in set (0.001 sec)

MariaDB [arbolfamiliar]> SELECT * FROM familiar WHERE nacimiento >= "1928-10-02";

+-----+-----+-----+-----+-----+-----+
nombre1 nombre2 apellido1 apellido2 vinculo genero nacimiento
+-----+-----+-----+-----+-----+-----+
Jose Maria Acevedo Rojas ABUELO M 1928-10-02
Ana Cortes Bernal ABUELA F 1950-04-07
Martha Patricia Acevedo Vasquez HIJA F 1972-10-15
Sandra Marcela Acevedo Vasquez HIJA F 1978-08-15
Juan Carlos Acevedo Vasquez HIJO M 1974-06-05
Adriana Marcela Ramos Ramos NUERA F 1974-10-27
Laura Camila Acevedo Ramos NIETA F 1995-12-07
Juan Pablo Acevedo Ramos NIETO M 1997-12-13
Ana Maria Acevedo Ramos NIETA F 2005-06-16

9 rows in set (0.024 sec)

```
MariaDB [arbolfamiliar]> SELECT * FROM familiar WHERE genero="f" AND vinculo="ABUELA";
```

nombre1	nombre2	apellido1	apellido2	vinculo	genero	nacimiento
Ana		Cortes	Bernal	ABUELA	F	1950-04-07

1 row in set (0.043 sec)

```
MariaDB [arbolfamiliar]> SELECT * FROM familiar WHERE apellido1 = "Acevedo" OR apellido1= "Cortes";
```

nombre1	nombre2	apellido1	apellido2	vinculo	genero	nacimiento
Jose	Maria	Acevedo	Rojas	ABUELO	M	1928-10-02
Ana		Cortes	Bernal	ABUELA	F	1950-04-07
Martha	Patricia	Acevedo	Vasquez	HIJA	F	1972-10-15
Sandra	Marcela	Acevedo	Vasquez	HIJA	F	1978-08-15
Juan	Carlos	Acevedo	Vasquez	HIJO	M	1974-06-05
Laura	Camila	Acevedo	Ramos	NIETA	F	1995-12-07
Juan	Pablo	Acevedo	Ramos	NIETO	M	1997-12-13
Ana	Maria	Acevedo	Ramos	NIETA	F	2005-06-16

8 rows in set (0.001 sec)

```
MariaDB [arbolfamiliar]> SELECT * FROM familiar WHERE (nombre1 = "Sandra" AND sexo = "F")
```

-> OR (nombre1= "Juan" AND sexo = "M");

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

```
MariaDB [arbolfamiliar]> SELECT * FROM familiar WHERE (nombre1= "Sandra" AND sexo ="F")
```

-> OR (nombre1= "Ana" AND sexo = "F");

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

```
MariaDB [arbolfamiliar]> SELECT nombre1, nacimiento FROM familiar;  
+-----+-----+  
| nombre1 | nacimiento |  
+-----+-----+  
| Jose   | 1928-10-02 |  
| Ana    | 1950-04-07 |  
| Martha | 1972-10-15 |  
| Sandra | 1978-08-15 |  
| Juan   | 1974-06-05 |  
| Adriana| 1974-10-27 |  
| Laura  | 1995-12-07 |  
| Juan   | 1997-12-13 |  
| Ana    | 2005-06-16 |  
+-----+-----+  
9 rows in set (0.001 sec)
```

```
MariaDB [arbolfamiliar]> SELECT Apellido2 FROM mascotas;  
ERROR 1146 (42S02): Table 'arbolfamiliar.mascotas' doesn't exist  
MariaDB [arbolfamiliar]> SELECT Apellido2 FROM familiar;
```

```
+-----+  
| Apellido2 |  
+-----+  
| Rojas    |  
| Bernal   |  
| Vasquez  |  
| Vasquez  |  
| Vasquez  |  
| Ramos    |  
| Ramos    |  
| Ramos    |  
| Ramos    |
```

```
+-----+
```

```
9 rows in set (0.001 sec)
```

```
MariaDB [arbolfamiliar]> SELECT DISTINCT nombre1 FROM familiar;
```

```
+-----+
```

```
| nombre1 |
```

```
+-----+
```

```
| Jose   |
```

```
| Ana    |
```

```
| Martha |
```

```
| Sandra |
```

```
| Juan   |
```

```
| Adriana|
```

```
| Laura  |
```

```
+-----+
```

```
7 rows in set (0.020 sec)
```

```
MariaDB [arbolfamiliar]> SELECT nombre1, genero, nacimiento FROM familiar
```

```
-> WHERE genero = "M" OR genero = "F";
```

```
+-----+-----+-----+
```

```
| nombre1 | genero | nacimiento |
```

```
+-----+-----+-----+
```

```
| Jose   | M     | 1928-10-02 |
```

```
| Ana    | F     | 1950-04-07 |
```

```
| Martha | F     | 1972-10-15 |
```

```
| Sandra | F     | 1978-08-15 |
```

```
| Juan   | M     | 1974-06-05 |
```

```
| Adriana| F     | 1974-10-27 |
```

```
| Laura  | F     | 1995-12-07 |
```

```
| Juan   | M     | 1997-12-13 |
```

```
| Ana    | F     | 2005-06-16 |
```

```
+-----+-----+-----+
```

```
9 rows in set (0.001 sec)
```

```
MariaDB [arbolfamiliar]> SELECT nombre2, nacimiento FROM familiar ORDER BY nacimiento;
```

```
+-----+-----+
```

```
| nombre2 | nacimiento |
```

```
+-----+-----+
```

```
| Maria | 1928-10-02 |
```

```
| | 1950-04-07 |
```

```
| Patricia | 1972-10-15 |
```

```
| Carlos | 1974-06-05 |
```

```
| Marcela | 1974-10-27 |
```

```
| Marcela | 1978-08-15 |
```

```
| Camila | 1995-12-07 |
```

```
| Pablo | 1997-12-13 |
```

```
| Maria | 2005-06-16 |
```

```
+-----+-----+
```

```
9 rows in set (0.037 sec)
```

```
MariaDB [arbolfamiliar]> SELECT nombre1, nacimiento FROM familiar ORDER BY
```

```
-> nacimiento DESC;
```

```
+-----+-----+
```

```
| nombre1 | nacimiento |
```

```
+-----+-----+
```

```
| Ana | 2005-06-16 |
```

```
| Juan | 1997-12-13 |
```

```
| Laura | 1995-12-07 |
```

```
| Sandra | 1978-08-15 |
```

```
| Adriana | 1974-10-27 |
```

```
| Juan | 1974-06-05 |
```

```
| Martha | 1972-10-15 |
```

```
| Ana | 1950-04-07 |
```

```
| Jose | 1928-10-02 |
```

```
+-----+-----+
```

```
9 rows in set (0.001 sec)
```

```
MariaDB [arbolfamiliar]> SELECT nombre2, genero, nacimiento FROM familiar
```

```
-> ORDER BY genero, nacimiento DESC;
```

```
+-----+-----+-----+
```

```
| nombre2 | genero | nacimiento |
```

```
+-----+-----+-----+
```

```
| Maria | F | 2005-06-16 |
```

```
| Camila | F | 1995-12-07 |
```

```
| Marcela | F | 1978-08-15 |
```

```
| Marcela | F | 1974-10-27 |
```

```
| Patricia | F | 1972-10-15 |
```

```
| | F | 1950-04-07 |
```

```
| Pablo | M | 1997-12-13 |
```

```
| Carlos | M | 1974-06-05 |
```

```
| Maria | M | 1928-10-02 |
```

```
+-----+-----+-----+
```

```
9 rows in set (0.001 sec)
```

```
MariaDB [arbolfamiliar]>
```