

```
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

```

|lba | 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]>