

Creación de base de datos y tablas

```
C:\WINDOWS\system32\cmd.exe - mysql -u root
MariaDB [(none)]> CREATE DATABASE AGUARIOFABIAN CHARACTER SET utf8mb4 COLLATE utf8mb4_general_ci;
Query OK, 1 row affected (0.002 sec)
```

```
C:\WINDOWS\system32\cmd.exe - mysql -u root
responds to your MariaDB server version for the right syntax to use near ')NOT NULL)' at line 1
MariaDB [AGUARIOFABIAN]> CREATE TABLE Musica(id_cancion int(4) PRIMARY KEY, Nombre varchar(20), creador varchar(20), año int(4), album varchar(20) DEFAULT "The Wall");
Query OK, 0 rows affected (0.036 sec)
```

```
1
MariaDB [AGUARIOFABIAN]> CREATE TABLE Peli(id_peli int(4) PRIMARY KEY, Nombre varchar(20), creador varchar(20), año int(4), actor varchar(20), clasificacion ENUM('AA', 'A', 'B', 'B15', 'C'));
Query OK, 0 rows affected (0.025 sec)
```

```
C:\WINDOWS\system32\cmd.exe - mysql -u root
MariaDB [AGUARIOFABIAN]> CREATE TABLE Videojuegos(id_videojuego int(4) PRIMARY KEY, Nombre varchar(20) NOT NULL, creador varchar(20) NOT NULL, año int(4) NOT NULL, protagonista varchar(20) DEFAULT "Sans");
Query OK, 0 rows affected (0.020 sec)
```

```
MariaDB [AGUARIOFABIAN]> CREATE TABLE Libro(id_libro int(4) PRIMARY KEY, Nombre varchar(20) NOT NULL, creador varchar(20) NOT NULL, año int(4) NOT NULL, editorial varchar(20), lugar varchar(20));
Query OK, 0 rows affected (0.020 sec)
```

Rellenar los registros de las tablas

```
C:\. Seleccionar C:\WINDOWS\system32\cmd.exe - mysql -u root

MariaDB [AGUARIOFABIAN]> INSERT INTO musica (id_cancion, Nombre, Creador, año, album) VALUE ("1", "Wild Thing", "The Troggs", "1966", "From Nowhere");
Query OK, 1 row affected (0.006 sec)

MariaDB [AGUARIOFABIAN]> DESCRIBE Musica;
+-----+-----+-----+-----+-----+-----+
| Field      | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_cancion | int(4)        | NO   | PRI | NULL    |       |
| Nombre     | varchar(20)   | YES  |     | NULL    |       |
| creador    | varchar(20)   | NO   |     | NULL    |       |
| año        | int(4)        | NO   |     | NULL    |       |
| album      | varchar(20)   | NO   |     | The Wall |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.003 sec)

MariaDB [AGUARIOFABIAN]> SELECT * FROM id_musica;
ERROR 1146 (42S02): Table 'aguariofabian.id_musica' doesn't exist
MariaDB [AGUARIOFABIAN]> Select * FROM id_cancion;
ERROR 1146 (42S02): Table 'aguariofabian.id_cancion' doesn't exist
MariaDB [AGUARIOFABIAN]> SELECT * FROM Musica;
+-----+-----+-----+-----+-----+
| id_cancion | Nombre      | creador    | año  | album      |
+-----+-----+-----+-----+-----+
|          1 | Wild Thing | The Troggs | 1966 | From Nowhere |
+-----+-----+-----+-----+-----+
1 row in set (0.001 sec)

MariaDB [AGUARIOFABIAN]> INSERT INTO musica (id_cancion, Nombre, Creador, año, album) VALUE ("2", "Something In The Way", "Nirvana", "1991", "Nevermind");
Query OK, 1 row affected (0.004 sec)

MariaDB [AGUARIOFABIAN]> INSERT INTO musica (id_cancion, Nombre, Creador, año, album) VALUE ("3", "Afterlife", "Arcade Fire", "2013", "Reflektor");
Query OK, 1 row affected (0.004 sec)

MariaDB [AGUARIOFABIAN]> INSERT INTO musica (id_cancion, Nombre, Creador, año, album)
```

MariaDB [AGUARIOFABIAN]> INSERT INTO musica (id_cancion, Nombre, Creador, año, album) VALUE ("4", "Fugaz", "Panteon Rococo", "2019", "Infiernos");
Query OK, 1 row affected (0.004 sec)

MariaDB [AGUARIOFABIAN]> INSERT INTO musica (id_cancion, Nombre, Creador, año, album) VALUE ("5", "Kilometros", "Los Caligaris", "2007", "No Es Lo Que Parece");
Query OK, 1 row affected (0.003 sec)

MariaDB [AGUARIOFABIAN]> SELECT * FROM Musica;

id_cancion	Nombre	creador	año	album
1	Wild Thing	The Troggs	1966	From Nowhere
2	Something In The Way	Nirvana	1991	Nevermind
3	Afterlife	Arcade Fire	2013	Reflektor
4	Fugaz	Panteon Rococo	2019	Infiernos
5	Kilometros	Los Caligaris	2007	No Es Lo Que Parece

ERROR 1054 (42S22): Unknown column 'id_peli' in 'field list'
MariaDB [AGUARIOFABIAN]> INSERT INTO peli (id_peli, Nombre, creador, año, actor, clasificacion) VALUE ("1", "The Godfather", "Francis Ford Coppola", "1972", "Marlon Brando", "C");
Query OK, 1 row affected (0.005 sec)

MariaDB [AGUARIOFABIAN]> INSERT INTO peli (id_peli, Nombre, creador, año, actor, clasificacion) VALUE ("2", "Interstellar", "Christopher Nolan", "2014", "Matthew McConaughey", "B15");
Query OK, 1 row affected (0.004 sec)

MariaDB [AGUARIOFABIAN]> INSERT INTO peli (id_peli, Nombre, creador, año, actor, clasificacion) VALUE ("3", "Gladiator", "Ridley Scott", "2000", "Russell Crowe", "C");
Query OK, 1 row affected (0.004 sec)

MariaDB [AGUARIOFABIAN]> INSERT INTO peli (id_peli, Nombre, creador, año, actor, clasificacion) VALUE ("4", "El laberinto del fauno", "Guillermo del Toro", "2006", "Ivana Baquero", "B15");
Query OK, 1 row affected, 1 warning (0.004 sec)

MariaDB [AGUARIOFABIAN]> INSERT INTO peli (id_peli, Nombre, creador, año, actor, clasificacion) VALUE ("5", "Kill Bill: Volumen 1", "Quentin Tarantino", "2003", "Uma Thurman", "C");

Query OK, 1 row affected, 1 warning (0.004 sec)

MariaDB [AGUARIOFABIAN]> INSERT INTO peli (id_peli, Nombre, creador, año, actor, clasificacion) VALUE ("5", "Kill Bill: Volumen 1", "Quentin Tarantino", "2003", "Uma Thurman", "C");
Query OK, 1 row affected (0.004 sec)

MariaDB [AGUARIOFABIAN]> SELECT * FROM Peli;

id_peli	Nombre	creador	año	actor	clasificacion
1	The Godfather	Francis Ford Coppola	1972	Marlon Brando	C
2	Interstellar	Christopher Nolan	2014	Matthew McConaughey	B15
3	Gladiator	Ridley Scott	2000	Russell Crowe	C
4	El laberinto del fau	Guillermo del Toro	2006	Ivana Baquero	B15
5	Kill Bill: Volumen 1	Quentin Tarantino	2003	Uma Thurman	C

5 rows in set (0.000 sec)

MariaDB [AGUARIOFABIAN]> INSERT INT (id_peli, Nombre, creador, año, actor, clasificacion) VALUE ("5",

C:\WINDOWS\system32\cmd.exe - mysql -u root

```
MariaDB [AGUARIOFABIAN]> INSERT INTO libro (id_libro, Nombre, creador, año, editorial, lugar) VALUE ("
2", "Crimen y castigo", "Fiodor Dostoievski", "1866", "Alianza", "Mexico");
Query OK, 1 row affected (0.004 sec)

MariaDB [AGUARIOFABIAN]> INSERT INTO libro (id_libro, Nombre, creador, año, editorial, lugar) VALUE ("
3", "El Principito", "Antoine De Saint-Exupery", "1943", "Advanced Marketing", "Mexico");
Query OK, 1 row affected, 1 warning (0.005 sec)

MariaDB [AGUARIOFABIAN]> INSERT INTO libro (id_libro, Nombre, creador, año, editorial, lugar) VALUE ("
4", "El amor en tiempos de colera", "Gabriel Garcia Marquez", "2015", "Diana Mexico", "Mexico");
Query OK, 1 row affected, 2 warnings (0.004 sec)

MariaDB [AGUARIOFABIAN]> INSERT INTO libro (id_libro, Nombre, creador, año, editorial, lugar) VALUE ("
5", "Pedro Paramo", "Juan Rulfo", "2005", "Rm", "Mexico");
Query OK, 1 row affected (0.003 sec)

MariaDB [AGUARIOFABIAN]> DESCRIBE Musica;
+-----+-----+-----+-----+-----+-----+

```

C:\WINDOWS\system32\cmd.exe - mysql -u root

```
MariaDB [AGUARIOFABIAN]> INSERT INTO videojuegos (id_videojuego, Nombre, creador, año, protagonista) V
ALUE ("1", "The Last Of Us", "PlayStation Studios", "2020", "Joel");
Query OK, 1 row affected (0.004 sec)

MariaDB [AGUARIOFABIAN]> INSERT INTO videojuegos (id_videojuego, Nombre, creador, año, protagonista) V
ALUE ("2", "Pacman", "Toru Iwatani", "1984", "Pac-Man");
Query OK, 1 row affected (0.004 sec)

MariaDB [AGUARIOFABIAN]> INSERT INTO videojuegos (id_videojuego, Nombre, creador, año, protagonista) V
ALUE ("3", "Tetris", "Aleksei Leonidovich", "1984", "T");
Query OK, 1 row affected (0.004 sec)

MariaDB [AGUARIOFABIAN]> INSERT INTO videojuegos (id_videojuego, Nombre, creador, año, protagonista) V
ALUE ("4", "Super Mario Bros", "Kioto", "1985", "Mario");
Query OK, 1 row affected (0.005 sec)

MariaDB [AGUARIOFABIAN]> INSERT INTO videojuegos (id_videojuego, Nombre, creador, año, protagonista) V
ALUE ("5", "Portal", "Valv3", "2007", "chell");
Query OK, 1 row affected (0.005 sec)

```

```
MariaDB [AGUARIOFABIAN]> SELECT * FROM Musica;
```

```
+-----+-----+-----+-----+-----+
id_cancion | Nombre          | creador      | año  | album          |
+-----+-----+-----+-----+-----+
1 | Wild Thing      | The Troggs   | 1966 | From Nowhere   |
2 | Something In The Way | Nirvana     | 1991 | Nevermind      |
3 | Afterlife       | Arcade Fire  | 2013 | Reflektor      |
4 | Fugaz           | Panteon Rococo | 2019 | Infiernos      |
5 | Kilometros      | Los Caligaris | 2007 | No Es Lo Que Parece |
+-----+-----+-----+-----+-----+
5 rows in set (0.002 sec)
```

```
MariaDB [AGUARIOFABIAN]> SELECT * FROM Libros;
```

id_libro	Nombre	creador	año	editorial	lugar
1	La muerte del comend	Haruki Murakami	2018	Tusquets Mexico	Mexico
2	Crimen y castigo	Fiodor Dostoievski	1866	Alianza	Mexico
3	El Principito	Antoine De Saint-Exu	1943	Advanced Marketing	Mexico
4	El amor en tiempos d	Gabriel García Marqu	2015	Diana Mexico	Mexico
5	Pedro Paramo	Juan Rulfo	2005	Rm	Mexico

5 rows in set (0.002 sec)

Seleccionar el atributo actor principal de todos los registros con clasificación predeterminada

```
MariaDB [AGUARIOFABIAN]> SELECT actor FROM peli WHERE clasificacion="AA";
Empty set (0.001 sec)
```

```
MariaDB [AGUARIOFABIAN]> SELECT año FROM videojuegos WHERE protagonista NOT LIKE 'Sans}';
+-----+
| año |
+-----+
| 2020 |
| 1984 |
| 1984 |
| 1985 |
| 2007 |
+-----+
```

Tom Hanks

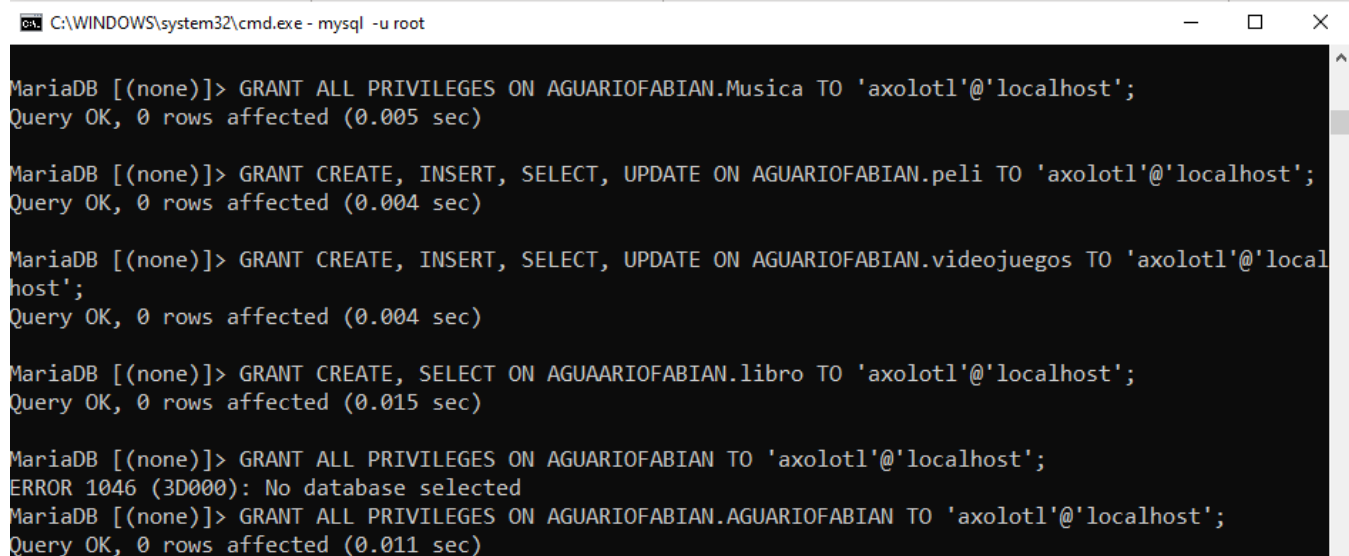
```
MariaDB [AGUARIOFABIAN]> UPDATE peli SET actor="Tom Hanks";
Query OK, 5 rows affected (0.006 sec)
Rows matched: 5 Changed: 5 Warnings: 0
```

```
MariaDB [AGUARIOFABIAN]> SELECT * FROM peli;
+-----+-----+-----+-----+-----+-----+
| id_peli | Nombre | creador | año | actor | clasificacion |
+-----+-----+-----+-----+-----+-----+
| 1 | The Godfather | Francis Ford Coppola | 1972 | Tom Hanks | C |
| 2 | Interstellar | Christopher Nolan | 2014 | Tom Hanks | B15 |
| 3 | Gladiator | Ridley Scott | 2000 | Tom Hanks | C |
| 4 | El laberinto del fau | Guillermo del Toro | 2006 | Tom Hanks | B15 |
| 5 | Kill Bill: Volumen 1 | Quentin Tarantino | 2003 | Tom Hanks | C |
+-----+-----+-----+-----+-----+-----+
```

```
MariaDB [AGUARIOFABIAN]> DELETE FROM peli WHERE actor="Tom Hanks"
-> ;
Query OK, 5 rows affected (0.004 sec)
```

Usuario

```
MariaDB [mysql]> CREATE USER 'axolotl'@'localhost' IDENTIFIED BY 'CW2021';
Query OK, 0 rows affected (0.014 sec)
```



```
C:\WINDOWS\system32\cmd.exe - mysql -u root

MariaDB [(none)]> GRANT ALL PRIVILEGES ON AGUARIOFABIAN.Musica TO 'axolotl'@'localhost';
Query OK, 0 rows affected (0.005 sec)

MariaDB [(none)]> GRANT CREATE, INSERT, SELECT, UPDATE ON AGUARIOFABIAN.peli TO 'axolotl'@'localhost';
Query OK, 0 rows affected (0.004 sec)

MariaDB [(none)]> GRANT CREATE, INSERT, SELECT, UPDATE ON AGUARIOFABIAN.videojuegos TO 'axolotl'@'localhost';
Query OK, 0 rows affected (0.004 sec)

MariaDB [(none)]> GRANT CREATE, SELECT ON AGUARIOFABIAN.libro TO 'axolotl'@'localhost';
Query OK, 0 rows affected (0.015 sec)

MariaDB [(none)]> GRANT ALL PRIVILEGES ON AGUARIOFABIAN TO 'axolotl'@'localhost';
ERROR 1046 (3D000): No database selected

MariaDB [(none)]> GRANT ALL PRIVILEGES ON AGUARIOFABIAN.AGUARIOFABIAN TO 'axolotl'@'localhost';
Query OK, 0 rows affected (0.011 sec)
```