

Parte 1

```
MariaDB [galindofranciscoind]> DESCRIBE libro;
```

Field	Type	Null	Key	Default	Extra
libro_id	int(11)	NO	PRI	NULL	auto_increment
nombre	varchar(50)	NO		NULL	
creador	varchar(50)	NO		NULL	
year	int(11)	NO		NULL	
editorial	varchar(50)	YES		NULL	
lugar	varchar(50)	YES		NULL	

```
6 rows in set (0.018 sec)
```

```
MariaDB [galindofranciscoind]> DESCRIBE musica;
```

Field	Type	Null	Key	Default	Extra
cancion_id	int(11)	NO	PRI	NULL	auto_increment
nombre	varchar(50)	NO		NULL	
creador	varchar(50)	NO		NULL	
year	int(11)	NO		NULL	
album	varchar(50)	YES		The Wall	

```
5 rows in set (0.018 sec)
```

```
MariaDB [galindofranciscoind]> DESCRIBE pelicula;
```

Field	Type	Null	Key	Default	Extra
pel_i_id	int(11)	NO	PRI	NULL	auto_increment
nombre	varchar(50)	NO		NULL	
creador	varchar(50)	NO		NULL	
year	int(11)	NO		NULL	
actorPrincipal	varchar(50)	YES		NULL	
clasificacion	enum('AA','A','B','B15','C')	YES		AA	

```
6 rows in set (0.019 sec)
```

```
MariaDB [galindofranciscoind]> DESCRIBE videojuego;
```

Field	Type	Null	Key	Default	Extra
juego_id	int(11)	NO	PRI	NULL	auto_increment
nombre	varchar(50)	NO		NULL	
creador	varchar(50)	NO		NULL	
year	int(11)	NO		NULL	
protagonista	varchar(50)	YES		Sans	

5 rows in set (0.018 sec)

Parte 2

5 registros de cada tabla:

```
MariaDB [galindofranciscoind]> SELECT * FROM libro
-> ñ
-> ;
```

libro_id	nombre	creador	year	editorial	lugar
1	Homo Videns	Giovanni Sartori	2018	Debolsillo	Ciudad de México, México
2	Animal Farm	George Orwell	1945	Signet Classics	Londres, Inglaterra
3	Etimologías Grecolatinas del Español	Agustín Mateos	1985	Esfinge	Estado de México, México
4	Mitología Griega, Dioses y Héroes	Ángel Garibay	1998	Porrua	Ciudad de México, México
5	La Filosofía Náhuatl	Miguel León-Portilla	1956	Dirección General de Publicaciones	Ciudad de México, México

5 rows in set (0.000 sec)

```
MariaDB [galindofranciscoind]> SELECT * FROM pelicula;
```

pele_id	nombre	creador	year	actorPrincipal	clasificacion
1	John Wick	Chad Stahelski	2014	Keanu Reeves	C
2	Un sueño posible	John Lee Hancock	2009	Sandra Bullock	B
3	Interestelar	Cristopher Nolan	2014	Matthew McConaughey	B
4	Shazam!	David F. Sandberg	2019	Zachary Levi	B
5	El Padrino	Francis Ford Coppola	1972	Al Pacino	C

5 rows in set (0.000 sec)

```
MariaDB [galindofranciscoind]> SELECT * FROM videojuego;
```

juego_id	nombre	creador	year	protagonista
1	Undertale	Toby Fox	2015	Sans
2	The Legend of Zelda: Ocarina of Time	Nintendo	1998	Link
3	Doom	id sotfware	1993	Doom Guy
4	Quake	id sotfware	1996	Sans
6	Minecraft	Mojang	2009	Steve

5 rows in set (0.001 sec)

```
MariaDB [galindofranciscoind]> SELECT * FROM musica;
```

cancion_id	nombre	creador	year	album
1	Game Winner	Joey Dosik	2016	Game Winner
2	Halcyon Age	Vansire	2017	Halcyon Age
3	Disco Ulysses	Vulfpeck	2018	Hill Climber
4	I Wish	Tom Misch	2016	Reverie
6	What's Happening Brother	Marvin Gave	1971	What's Going On

```
5 rows in set (0.000 sec)
```

Consultas:

```
MariaDB [galindofranciscoind]> SELECT * FROM musica;
```

cancion_id	nombre	creador	year	album
1	Game Winner	Joey Dosik	2016	Game Winner
2	Halcyon Age	Vansire	2017	Halcyon Age
3	Disco Ulysses	Vulfpeck	2018	Hill Climber
4	I Wish	Tom Misch	2016	Reverie
6	What's Happening Brother	Marvin Gave	1971	What's Going On

```
5 rows in set (0.000 sec)
```

```
MariaDB [galindofranciscoind]> SELECT * FROM libro;
```

libro_id	nombre	creador	year	editorial	lugar
1	Homo Videns	Giovanni Sartori	2018	Debolsillo	Ciudad de México, México
2	Animal Farm	George Orwell	1945	Signet Classics	Londres, Inglaterra
3	Etimologías Grecolatinas del Español	Agustín Mateos	1985	Esfinge	Estado de México, México
4	Mitología Griega, Dioses y Héroes	Ángel Garibay	1998	Porrua	Ciudad de México, México
5	La Filosofía Náhuatl	Miguel León-Portilla	1956	Dirección General de Publicaciones	Ciudad de México, México

```
5 rows in set (0.000 sec)
```

```
MariaDB [galindofranciscoind]> SELECT * FROM pelicula;
```

peli_id	nombre	creador	year	actorPrincipal	clasificacion
1	John Wick	Chad Stahelski	2014	Keanu Reeves	C
2	Un sueño posible	John Lee Hancock	2009	Sandra Bullock	B
3	Interestelar	Cristopher Nollan	2014	Matthew McConaughey	B
4	Shazam!	David F. Sandberg	2019	Zachary Levi	B
5	El Padrino	Francis Ford Coppola	1972	Al Pacino	C

```
5 rows in set (0.000 sec)
```

```
MariaDB [galindofranciscoind]> SELECT actorPrincipal FROM pelicula WHERE clasificacion='AA';  
Empty set (0.000 sec)
```

```
MariaDB [galindofranciscoind]> SELECT year FROM videojuego WHERE protagonista!='Sans';
```

year
1998
1993
2009

```
3 rows in set (0.014 sec)
```

```
MariaDB [galindofranciscoind]> UPDATE pelicula SET actorPrincipal="Tom Hanks" WHERE 1=1;
Query OK, 5 rows affected (0.015 sec)
Rows matched: 5  Changed: 5  Warnings: 0
```

```
MariaDB [galindofranciscoind]> SELECT * FROM pelicula;
```

pele_id	nombre	creador	year	actorPrincipal	clasificacion
1	John Wick	Chad Stahelski	2014	Tom Hanks	C
2	Un sueño posible	John Lee Hancock	2009	Tom Hanks	B
3	Interestelar	Cristopher Nollan	2014	Tom Hanks	B
4	Shazam!	David F. Sandberg	2019	Tom Hanks	B
5	El Padrino	Francis Ford Coppola	1972	Tom Hanks	C

```
5 rows in set (0.000 sec)
```

```
MariaDB [galindofranciscoind]> DELETE FROM pelicula WHERE actorPrincipal="Tom Hanks";
Query OK, 5 rows affected (0.002 sec)
```

```
MariaDB [galindofranciscoind]> SELECT * FROM pelicula;
Empty set (0.000 sec)
```

Parte 3

```
MariaDB [galindofranciscoind]> GRANT ALL PRIVILEGES ON galindofranciscoind.* TO 'axolotl'@'localhost';
Query OK, 0 rows affected (0.015 sec)
```

```
MariaDB [galindofranciscoind]> GRANT ALL PRIVILEGES ON musica TO 'axolotl'@'localhost';
Query OK, 0 rows affected (0.001 sec)
```

```
MariaDB [galindofranciscoind]> GRANT ALL PRIVILEGES ON pelicula TO 'axolotl'@'localhost';
Query OK, 0 rows affected (0.015 sec)
```

```
MariaDB [galindofranciscoind]> GRANT ALL PRIVILEGES ON videojuego TO 'axolotl'@'localhost';
Query OK, 0 rows affected (0.001 sec)
```

```
MariaDB [galindofranciscoind]> GRANT SELECT ON libro TO 'axolotl'@'localhost';
Query OK, 0 rows affected (0.001 sec)
```

```
MariaDB [galindofranciscoind]> REVOKE DELETE ON pelicula FROM 'axolotl'@'localhost';
Query OK, 0 rows affected (0.015 sec)
```

```
MariaDB [galindofranciscoind]> REVOKE DELETE ON videojuego FROM 'axolotl'@'localhost';
Query OK, 0 rows affected (0.001 sec)
```

```

+-----+
| Grants for axotl@localhost |
+-----+
| GRANT USAGE ON *.* TO 'axotl'@'localhost' IDENTIFIED BY PASSWORD '*A4B6157319038724E3560894F7F932CB886EBFCF' |
| GRANT ALL PRIVILEGES ON 'galindofranciscoind'.* TO 'axotl'@'localhost' |
| GRANT SELECT ON 'galindofranciscoind'.libro TO 'axotl'@'localhost' |
| GRANT ALL PRIVILEGES ON 'galindofranciscoind'.musica TO 'axotl'@'localhost' |
| GRANT SELECT, INSERT, UPDATE, CREATE, DROP, REFERENCES, INDEX, ALTER, CREATE VIEW, SHOW VIEW, TRIGGER, DELETE HISTORY ON 'galindofranciscoind'.videojuego TO 'axotl'@'localhost' |
| GRANT SELECT, INSERT, UPDATE, CREATE, DROP, REFERENCES, INDEX, ALTER, CREATE VIEW, SHOW VIEW, TRIGGER, DELETE HISTORY ON 'galindofranciscoind'.pelicula TO 'axotl'@'localhost' |
+-----+
6 rows in set (0.000 sec)

```

Permisos dados

A pesar de los grants dados, todavía era posible editar los registros de la tabla de libros, por lo que se retiró el permiso a la base de datos para que sólo se pudieran realizar las funciones correctas:

```

6 rows in set (0.000 sec)

MariaDB [(none)]> REVOKE ALL PRIVILEGES ON 'galindofranciscoind'.* FROM 'axotl'@'localhost'
-> ;
Query OK, 0 rows affected (0.001 sec)

```

Con eso se obtiene el comportamiento esperado

```

Database changed
MariaDB [galindofranciscoind]> UPDATE libro SET year=1957 WHERE libro_id=5;
ERROR 1142 (42000): UPDATE command denied to user 'axotl'@'localhost' for table 'libro'
MariaDB [galindofranciscoind]>

```