



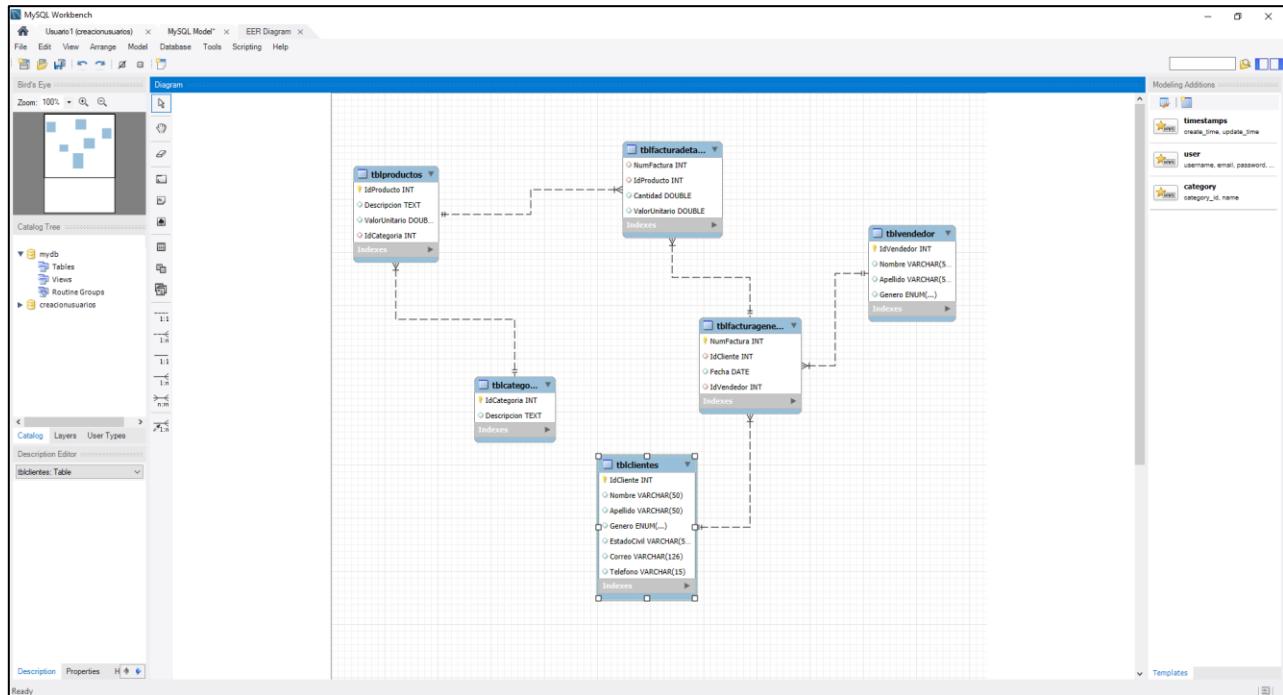
UNIVERSIDAD DE
SAN BUENAVENTURA

Gestión y Administración de Bases de Datos

Trabajo 17 de Marzo

Usuario 1 → Permisos: Todos

```
4      -- Crear un usuario 1:
5 •  CREATE USER 'Usuario1'@'localhost' identified by 'user1';
6
7 •  GRANT ALL PRIVILEGES ON CreacionUsuarios.* TO 'Usuario1'@'localhost';
8 •  FLUSH PRIVILEGES;
9
10
```

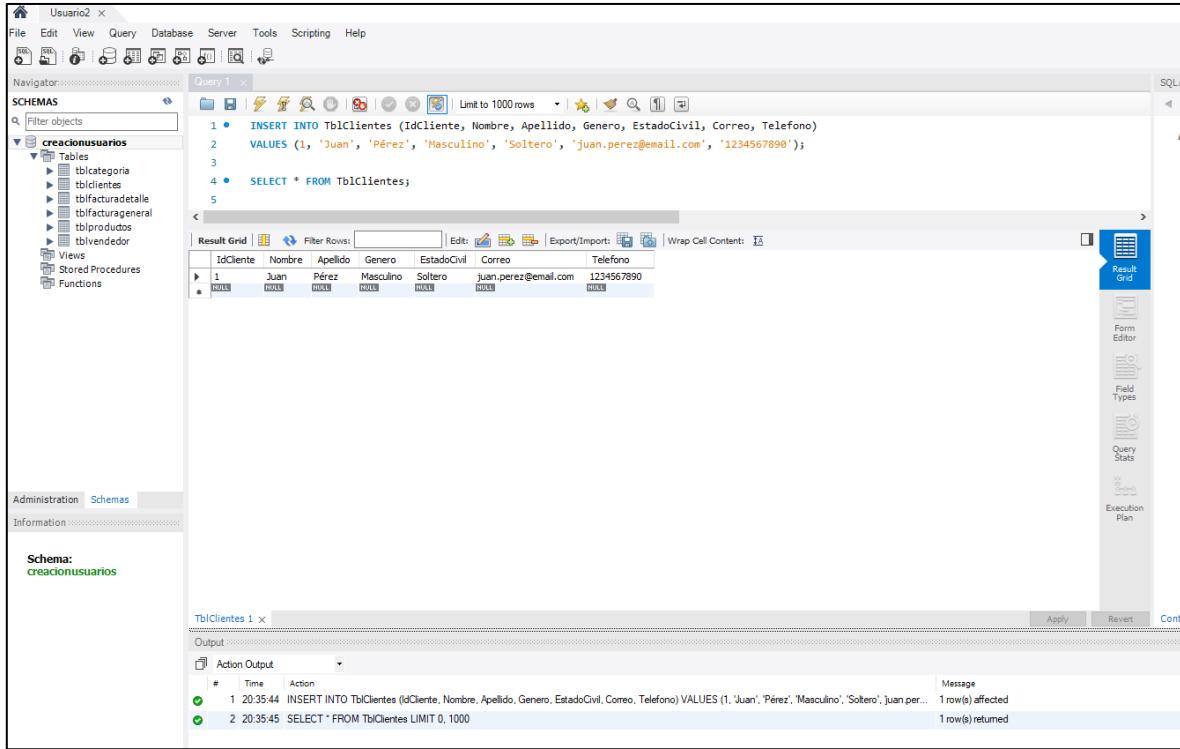


Usuario 2 → Permisos: Consulta, Insert, Update y Delete.

```
-- Crear un usuario 2:
CREATE USER 'Usuario2'@'localhost' identified by 'user2';

GRANT SELECT, INSERT, UPDATE, DELETE ON CreacionUsuarios.* TO 'Usuario2'@'localhost';
FLUSH PRIVILEGES;
```

Insert y Consulta: Usuario 2



The screenshot shows the SSMS interface with the following details:

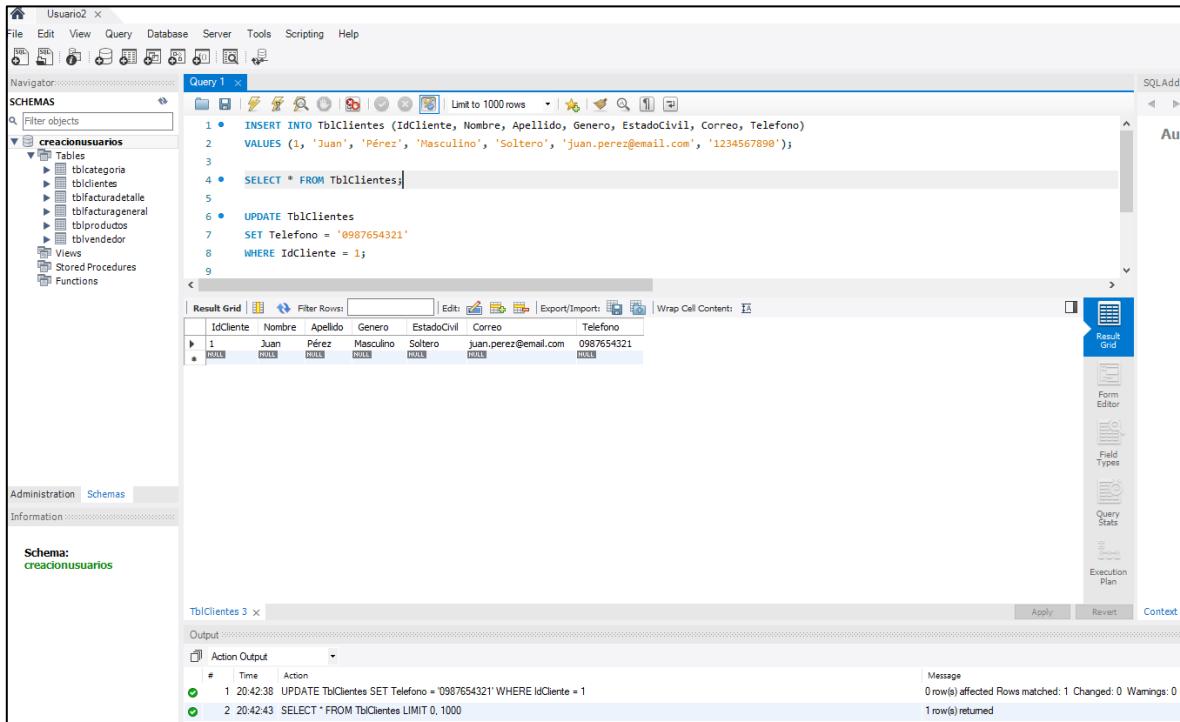
- File Menu:** File, Edit, View, Query, Database, Server, Tools, Scripting, Help.
- Navigator:** Shows the schema **creacionusuarios** with tables: tbclcategoria, tbclclientes, tbfacturadetalle, tbfacturageneral, tbproductos, tbvendededor.
- Query 1:** Contains the following SQL code:

```
1 • INSERT INTO TblClientes (IdCliente, Nombre, Apellido, Genero, EstadoCivil, Correo, Telefono)
2   VALUES (1, 'Juan', 'Pérez', 'Masculino', 'Soltero', 'juan.perez@email.com', '1234567890');
3
4 • SELECT * FROM TblClientes;
5
```
- Result Grid:** Displays the inserted row:

IdCliente	Nombre	Apellido	Genero	EstadoCivil	Correo	Telefono
1	Juan	Pérez	Masculino	Soltero	juan.perez@email.com	1234567890
NULL	NULL	NULL	NULL	NULL	NULL	NULL
- TblClientes 1:** Shows the execution log:

#	Time	Action	Message
1	20:35:44	INSERT INTO TblClientes (IdCliente, Nombre, Apellido, Genero, EstadoCivil, Correo, Telefono) VALUES (1, 'Juan', 'Pérez', 'Masculino', 'Soltero', 'juan.perez@email.com', '1234567890')	1 row(s) affected
2	20:35:45	SELECT * FROM TblClientes LIMIT 0, 1000	1 row(s) returned

Update: Usuario 2



The screenshot shows the SSMS interface with the following details:

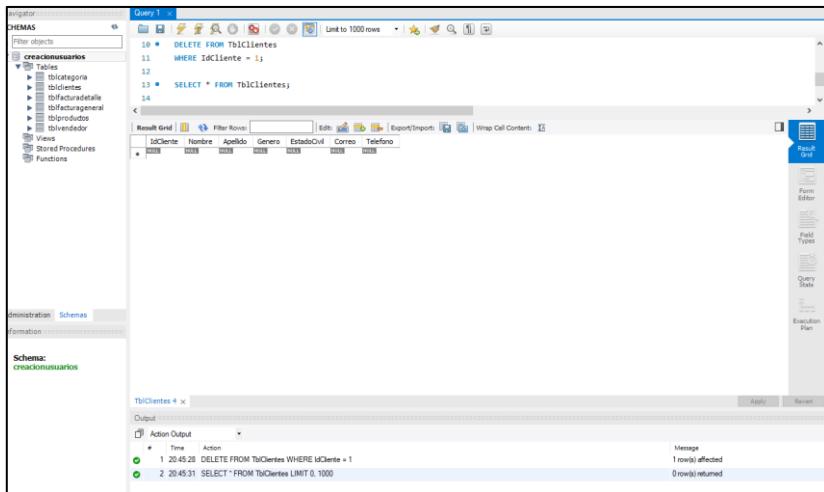
- File Menu:** File, Edit, View, Query, Database, Server, Tools, Scripting, Help.
- Navigator:** Shows the schema **creacionusuarios** with tables: tbclcategoria, tbclclientes, tbfacturadetalle, tbfacturageneral, tbproductos, tbvendededor.
- Query 1:** Contains the following SQL code:

```
1 • INSERT INTO TblClientes (IdCliente, Nombre, Apellido, Genero, EstadoCivil, Correo, Telefono)
2   VALUES (1, 'Juan', 'Pérez', 'Masculino', 'Soltero', 'juan.perez@email.com', '1234567890');
3
4 • SELECT * FROM TblClientes;
5
6 • UPDATE TblClientes
7   SET Telefono = '0987654321'
8   WHERE IdCliente = 1;
9
```
- Result Grid:** Displays the updated row:

IdCliente	Nombre	Apellido	Genero	EstadoCivil	Correo	Telefono
1	Juan	Pérez	Masculino	Soltero	juan.perez@email.com	0987654321
NULL	NULL	NULL	NULL	NULL	NULL	NULL
- TblClientes 3:** Shows the execution log:

#	Time	Action	Message
1	20:42:38	UPDATE TblClientes SET Telefono = '0987654321' WHERE IdCliente = 1	0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0
2	20:42:43	SELECT * FROM TblClientes LIMIT 0, 1000	1 row(s) returned

Delete: Usuario 2

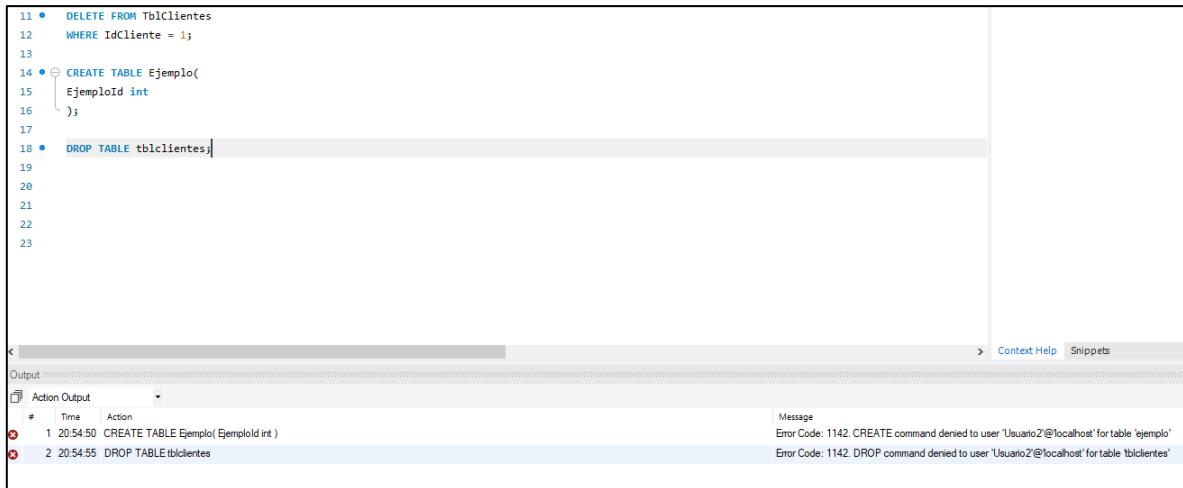


The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'Schemas' tree, with 'creacionusuarios' selected. The main pane is titled 'Query 1' and contains the following SQL code:

```
10 • DELETE FROM TblClientes
11   WHERE IdCliente = 1;
12
13 • SELECT * FROM TblClientes;
14
```

Below the code is a 'Result Grid' showing the results of the SELECT query. The right sidebar contains various tools and tabs.

Permisos Restringidos: Usuario 2



The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'Schemas' tree, with 'creacionusuarios' selected. The main pane is titled 'Query 1' and contains the following SQL code:

```
11 • DELETE FROM TblClientes
12   WHERE IdCliente = 1;
13
14 • CREATE TABLE Ejemplo(
15   EjemploId int
16 );
17
18 • DROP TABLE tblclientes;
```

The 'Output' pane shows the results of the queries. The first two lines are successful, but the last two lines result in errors:

#	Time	Action	Message
1	20:45:28	DELETE FROM TblClientes WHERE IdCliente = 1	1 row(s) affected
2	20:45:31	SELECT * FROM TblClientes	0 row(s) returned
3	20:54:50	CREATE TABLE Ejemplo(EjemploId int)	Error Code: 1142. CREATE command denied to user 'Usuario2'@'localhost' for table 'ejemplo'
4	20:54:55	DROP TABLEtblclientes	Error Code: 1142. DROP command denied to user 'Usuario2'@'localhost' for table 'tblclientes'

Usuario 3 → Permisos: Insertar, Eliminar.



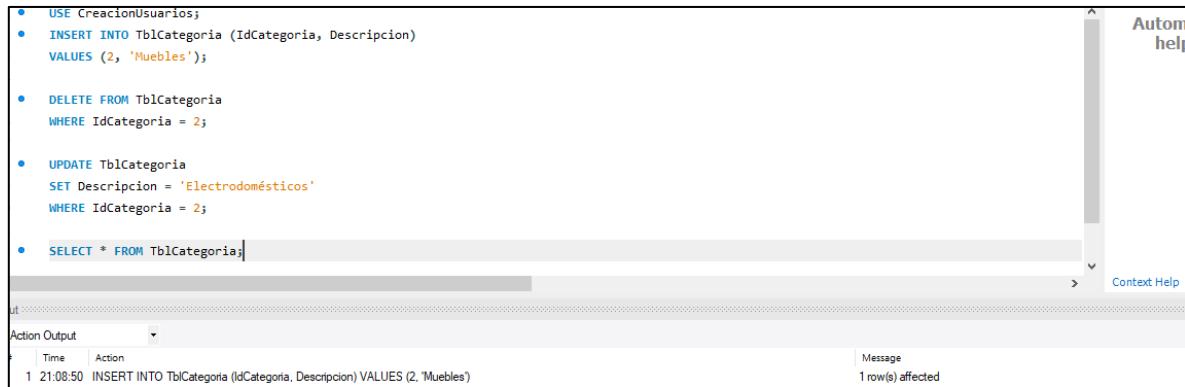
The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'Schemas' tree, with 'creacionusuarios' selected. The main pane is titled 'Query 1' and contains the following SQL code:

```
16 -- Crear un usuario 3:
17 • CREATE USER 'Usuario3'@'localhost' identified by 'user3';
18
19 • GRANT INSERT, DELETE ON CreacionUsuarios.* TO 'Usuario3'@'localhost';
20 • FLUSH PRIVILEGES;
```

The 'Output' pane shows the results of the queries. The first three lines are successful, but the last line results in a warning:

#	Time	Action	Message
1	20:52:00	CREATE USER 'Usuario3'@'localhost' identified by 'user3'	0 row(s) affected
2	20:52:07	GRANT INSERT, DELETE ON CreacionUsuarios.* TO 'Usuario3'@'localhost'	0 row(s) affected
3	20:52:09	FLUSH PRIVILEGES	0 row(s) affected

Insert: Usuario 3



Autom help

Context Help

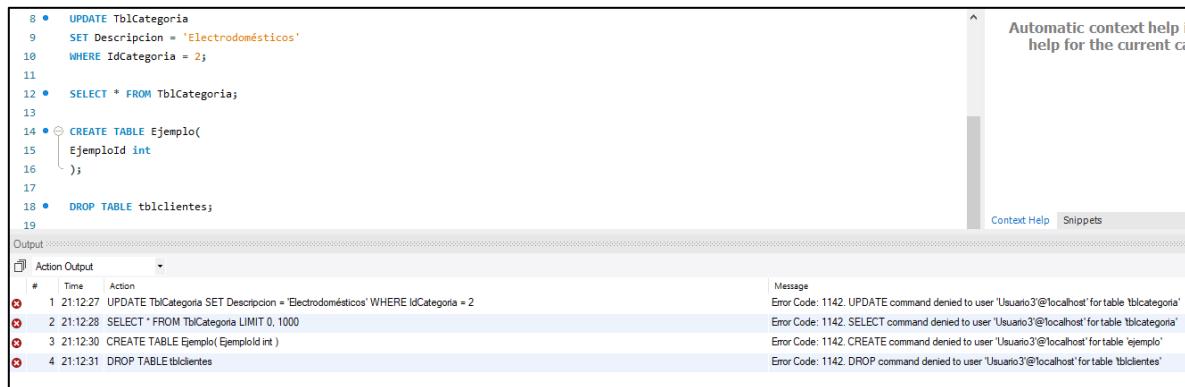
Action Output

#	Time	Action	Message
1	21:08:50	INSERT INTO TblCategoria (IdCategoria, Descripcion) VALUES (2, 'Muebles')	1 row(s) affected

Delete: Usuario 3

```
5 •  DELETE FROM TblCategoria
6      WHERE IdCategoria = 2;
```

Restringido: Usuario 3



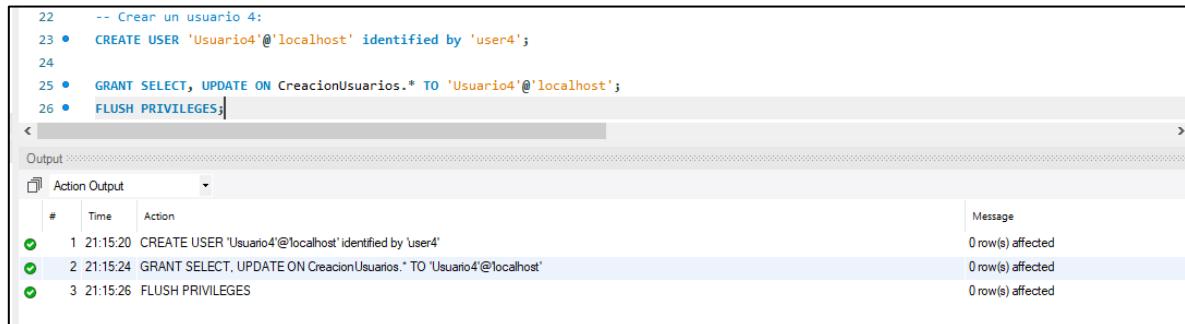
Automatic context help is available for the current command.

Context Help Snippets

Action Output

#	Time	Action	Message
1	21:12:27	UPDATE TblCategoria SET Descripcion = 'Electrodomésticos' WHERE IdCategoria = 2	Error Code: 1142. UPDATE command denied to user 'Usuario3'@'localhost' for table 'tblcategoria'
2	21:12:28	SELECT * FROM TblCategoria LIMIT 0, 1000	Error Code: 1142. SELECT command denied to user 'Usuario3'@'localhost' for table 'tblcategoria'
3	21:12:30	CREATE TABLE Ejemplo(EjemploId int)	Error Code: 1142. CREATE command denied to user 'Usuario3'@'localhost' for table 'ejemplo'
4	21:12:31	DROP TABLE tblclientes	Error Code: 1142. DROP command denied to user 'Usuario3'@'localhost' for table 'tblclientes'

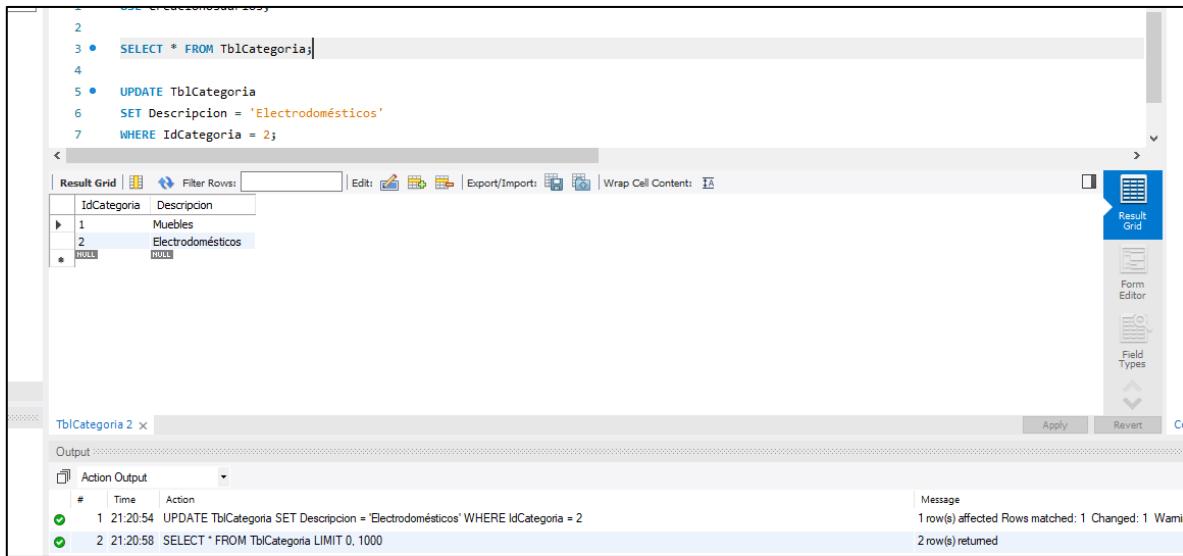
Usuario 4 → Permisos: Select, Update



Action Output

#	Time	Action	Message
1	21:15:20	CREATE USER 'Usuario4'@'localhost' identified by 'user4'	0 row(s) affected
2	21:15:24	GRANT SELECT, UPDATE ON CreacionUsuarios.* TO 'Usuario4'@'localhost'	0 row(s) affected
3	21:15:26	FLUSH PRIVILEGES	0 row(s) affected

Update y Select: Usuario 4



The screenshot shows the MySQL Workbench interface. In the SQL editor, the following code is run:

```
1
2
3 •  SELECT * FROM TblCategoria;
4
5 •  UPDATE TblCategoria
6   SET Descripcion = 'Electrodomésticos'
7   WHERE IdCategoria = 2;
```

The Result Grid shows the table structure and data:

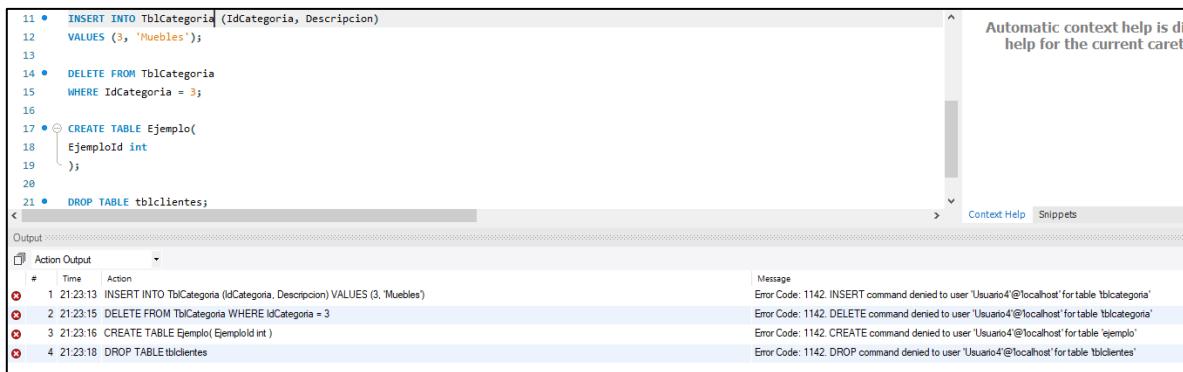
IdCategoria	Descripcion
1	Muebles
2	Electrodomésticos
*	NULL

The Output pane shows the execution log:

#	Time	Action
1	21:20:54	UPDATE TblCategoria SET Descripcion = 'Electrodomésticos' WHERE IdCategoria = 2
2	21:20:58	SELECT * FROM TblCategoria LIMIT 0, 1000

Message: 1 row(s) affected Rows matched: 1 Changed: 1 Warning: 2 row(s) returned

Restringido: Usuario 4



The screenshot shows the MySQL Workbench interface. In the SQL editor, the following code is run:

```
11 •  INSERT INTO TblCategoria (IdCategoria, Descripcion)
12   VALUES (3, 'Muebles');
13
14 •  DELETE FROM TblCategoria
15   WHERE IdCategoria = 3;
16
17 •  CREATE TABLE Ejemplo(
18   EjemploId int
19 );
20
21 •  DROP TABLE tblclientes;
```

The Output pane shows the execution log and error messages:

#	Time	Action	Message
1	21:23:13	INSERT INTO TblCategoria (IdCategoria, Descripcion) VALUES (3, 'Muebles')	Error Code: 1142. INSERT command denied to user 'Usuario4'@'localhost' for table 'tblcategoria'
2	21:23:15	DELETE FROM TblCategoria WHERE IdCategoria = 3	Error Code: 1142. DELETE command denied to user 'Usuario4'@'localhost' for table 'tblcategoria'
3	21:23:16	CREATE TABLE Ejemplo(EjemploId int)	Error Code: 1142. CREATE command denied to user 'Usuario4'@'localhost' for table 'ejemplo'
4	21:23:18	DROP TABLE tblclientes	Error Code: 1142. DROP command denied to user 'Usuario4'@'localhost' for table 'tblclientes'

Usuario 5 → Permisos: Create, Drop.



The screenshot shows the MySQL Workbench interface. In the SQL editor, the following code is run:

```
28   -- Crear un usuario 5:
29 •  CREATE USER 'Usuario5'@'localhost' identified by 'user5';
30
31 •  GRANT CREATE, DROP ON CreacionUsuarios.* TO 'Usuario5'@'localhost';
32 •  FLUSH PRIVILEGES;
33
```

The Output pane shows the execution log and message:

#	Time	Action	Message
1	21:26:20	CREATE USER 'Usuario5'@'localhost' identified by 'user5'	0 row(s) affected
2	21:26:22	GRANT CREATE, DROP ON CreacionUsuarios.* TO 'Usuario5'@'localhost'	0 row(s) affected
3	21:26:24	FLUSH PRIVILEGES	0 row(s) affected

Create Table y Drop Table: Usuario 5

```
1 • USE CreacionUsuarios;
2
3 • CREATE TABLE Ejemplo(
4     EjemploId int
5 );
6
7 • DROP TABLE Ejemplo;
8
```

Automatic context help
help for the current c

Output

#	Time	Action	Message
1	21:30:02	CREATE TABLE Ejemplo(EjemploId int)	0 row(s) affected
2	21:30:14	SELECT * FROM Ejemplo LIMIT 0, 1000	Error Code: 1142. SELECT command denied to user 'Usuario5'@localhost for table 'ejemplo'
3	21:30:37	DROP TABLE Ejemplo	0 row(s) affected

Context Help Snippets

Restringido: Usuario 5

```
9 • SELECT * FROM Ejemplo;
10
11 • UPDATE TblCategoria
12     SET Descripcion = 'Electrodomésticos'
13     WHERE IdCategoria = 2;
14
15 • INSERT INTO TblCategoria (IdCategoria, Descripcion)
16     VALUES (3, 'Muebles');
17
18 • DELETE FROM TblCategoria
19     WHERE IdCategoria = 3;
```

Output

#	Time	Action	Message
1	21:31:44	SELECT * FROM Ejemplo LIMIT 0, 1000	Error Code: 1142. SELECT command denied to user 'Usuario5'@localhost for table 'ejemplo'
2	21:32:00	UPDATE TblCategoria SET Descripcion = 'Electrodomésticos' WHERE IdCategoria = 2	Error Code: 1142. UPDATE command denied to user 'Usuario5'@localhost for table 'tblcategoria'
3	21:32:10	INSERT INTO TblCategoria (IdCategoria, Descripcion) VALUES (3, 'Muebles')	Error Code: 1142. INSERT command denied to user 'Usuario5'@localhost for table 'tblcategoria'
4	21:32:12	DELETE FROM TblCategoria WHERE IdCategoria = 3	Error Code: 1142. DELETE command denied to user 'Usuario5'@localhost for table 'tblcategoria'