



Práctica 1

Grupo 6

14-Junio-2024

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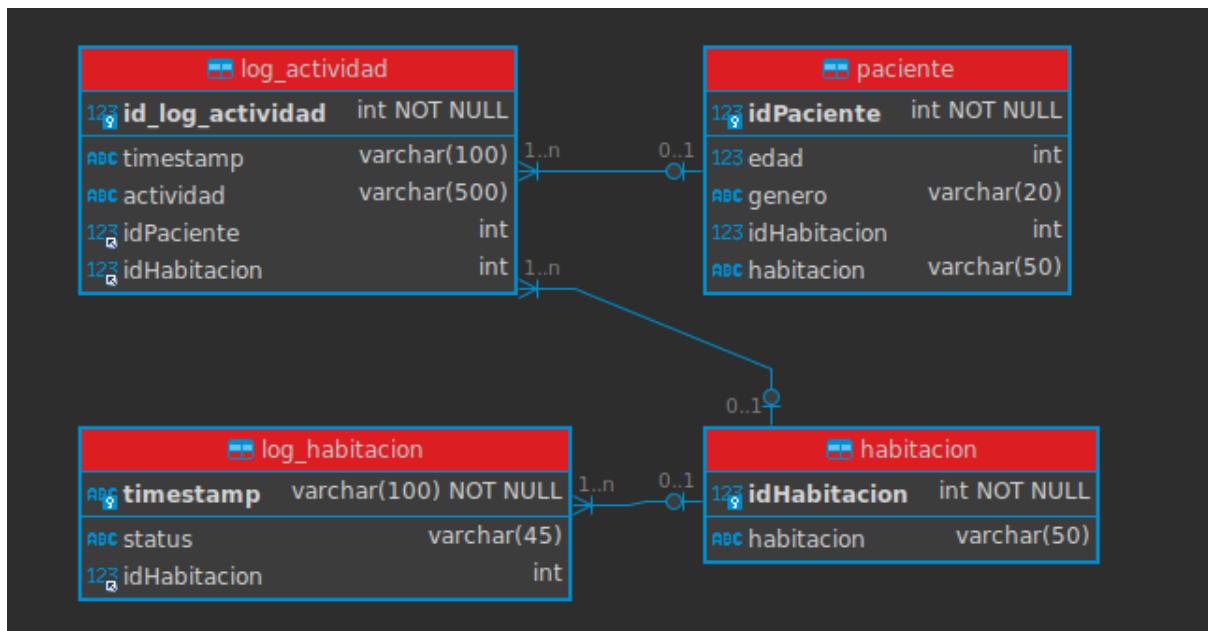
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Modelo base de datos

```
CREATE DATABASE clinicaMedica;  
USE clinicaMedica;  
CREATE TABLE habitacion(  
    idHabitacion INT NOT NULL,  
    habitacion VARCHAR(50),  
    PRIMARY KEY(idHabitacion)  
);  
CREATE TABLE paciente(  
    idPaciente INT NOT NULL,  
    edad INT,  
    genero VARCHAR(20),  
    PRIMARY KEY(idPaciente)  
);  
CREATE TABLE log_actividad(  
    id_log_actividad INT NOT NULL AUTO_INCREMENT,  
    timestamp VARCHAR(100),  
    actividad VARCHAR(500),  
    idPaciente INT,  
    idHabitacion INT,  
    PRIMARY KEY(id_log_actividad),  
    FOREIGN KEY (idPaciente) REFERENCES paciente(idPaciente),  
    FOREIGN KEY (idHabitacion) REFERENCES habitacion(idHabitacion)  
);  
CREATE TABLE log_habitacion(  
    timestamp VARCHAR(100),  
    status VARCHAR(45),  
    idHabitacion INT,
```

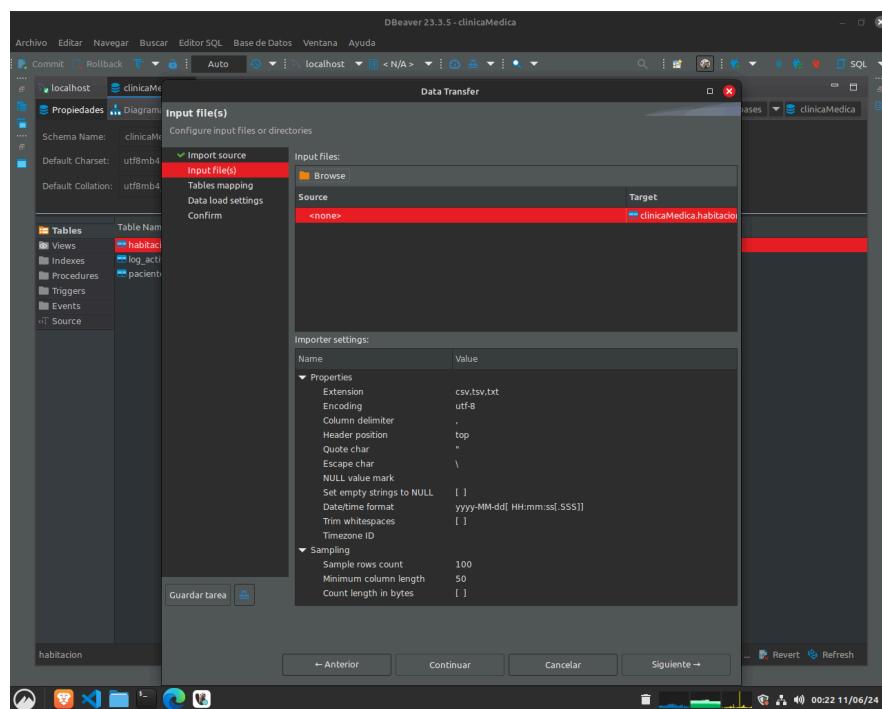
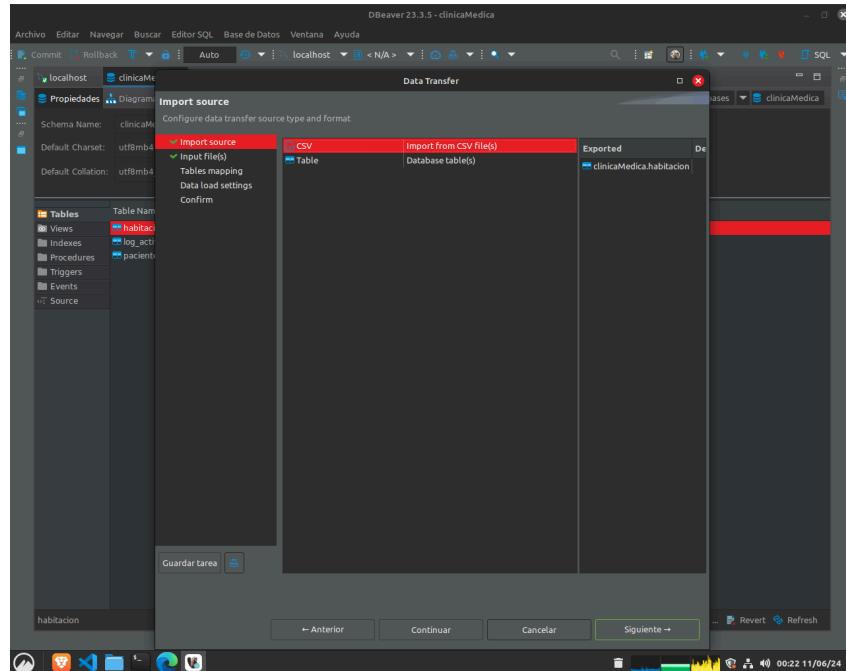
PRIMARY KEY(timestamp),
FOREIGN KEY (idHabitacion) REFERENCES habitacion(idHabitacion)
);

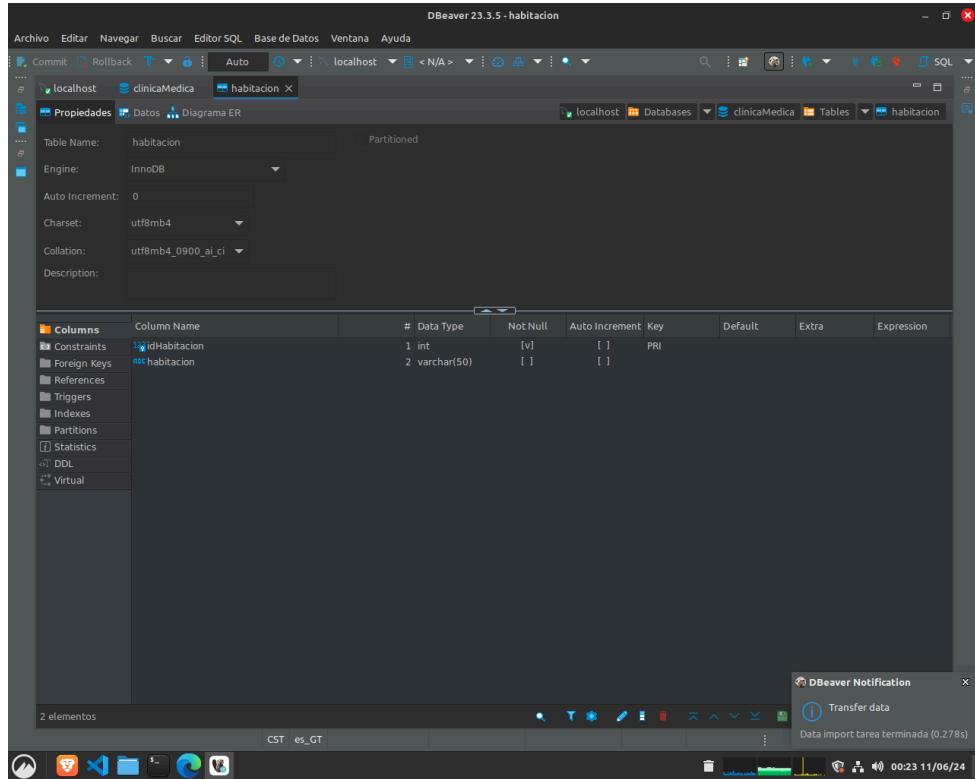
Modelo Relacional



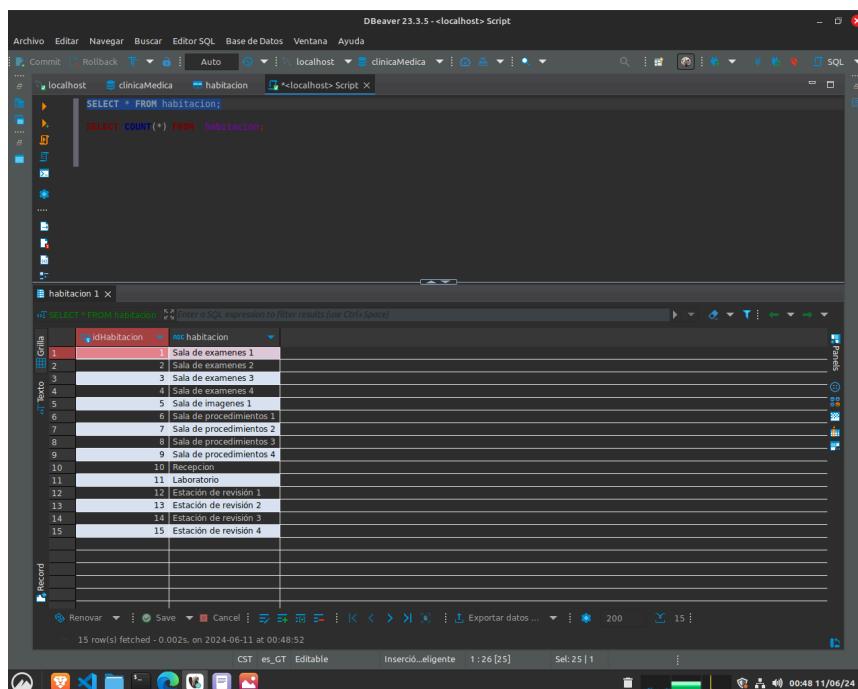
Actividad 1

Carga de datos de la tabla habitaciones





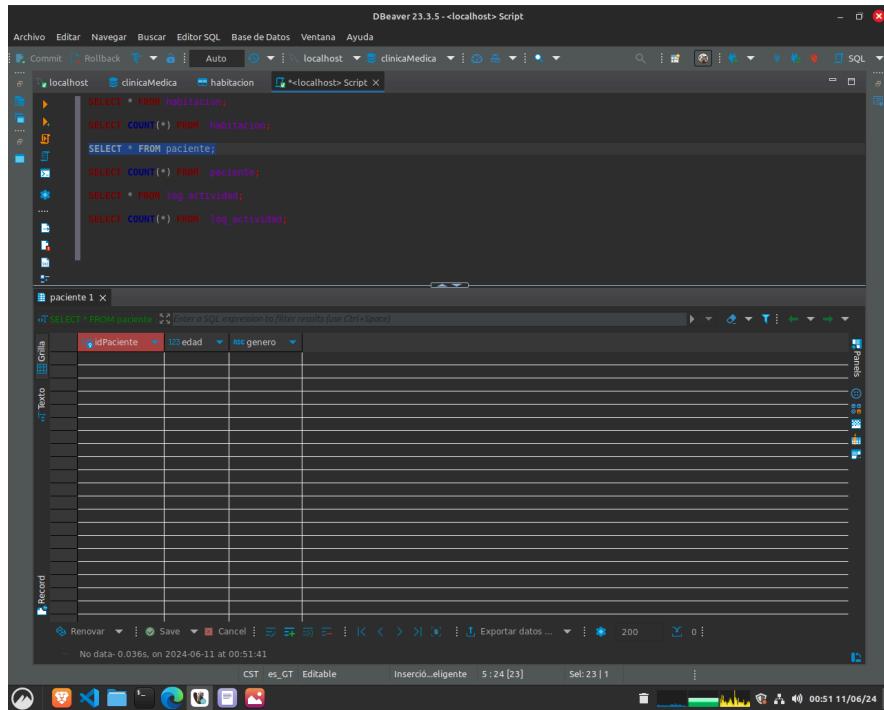
**SELECT * FROM
habitacion;**



The screenshot shows the DBBeaver interface with the results of the query 'SELECT * FROM habitacion;'. The results are displayed in a grid with 15 rows. The columns are 'idHabitacion' and 'nchabitacion'. The data includes various room types such as exam rooms, procedure rooms, and laboratories.

idHabitacion	nchabitacion
1	Sala de exámenes 1
2	Sala de exámenes 2
3	Sala de exámenes 3
4	Sala de exámenes 4
5	Sala de procedimientos 1
6	Sala de procedimientos 2
7	Sala de procedimientos 3
8	Sala de procedimientos 4
10	Recepción
11	Laboratorio
12	Estación de revisión 1
13	Estación de revisión 2
14	Estación de revisión 3
15	Estación de revisión 4

SELECT * FROM pacientes;

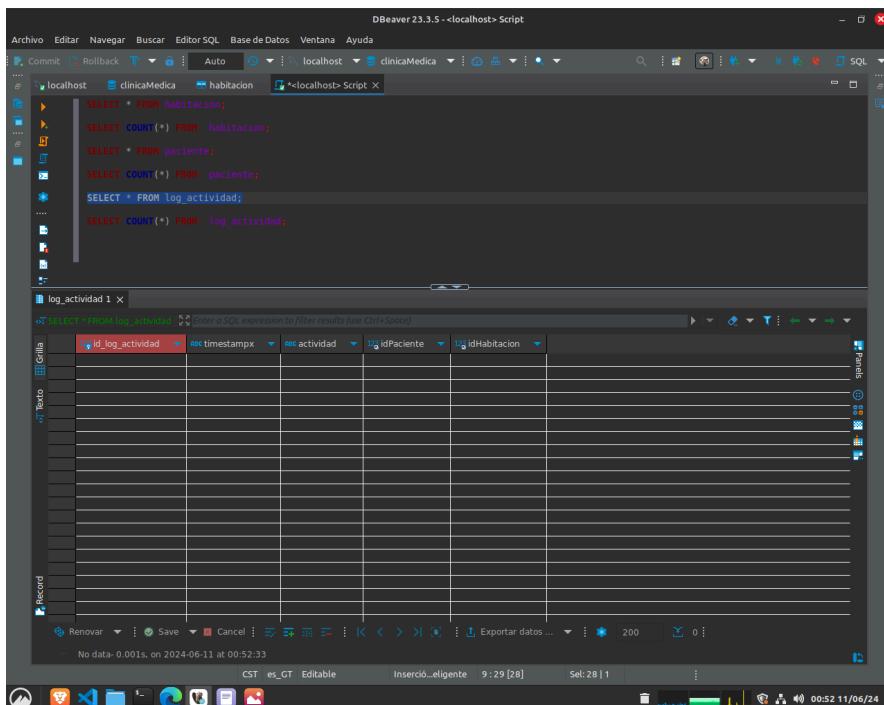


The screenshot shows the DBBeaver interface with a script window containing the following SQL code:

```
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
```

Below the script window is a results grid titled "paciente 1" with columns: idPatient, edad, genero. The results pane displays the following message: "No data- 0.036s. on 2024-06-11 at 00:51:41".

SELECT * FROM log_actividad;

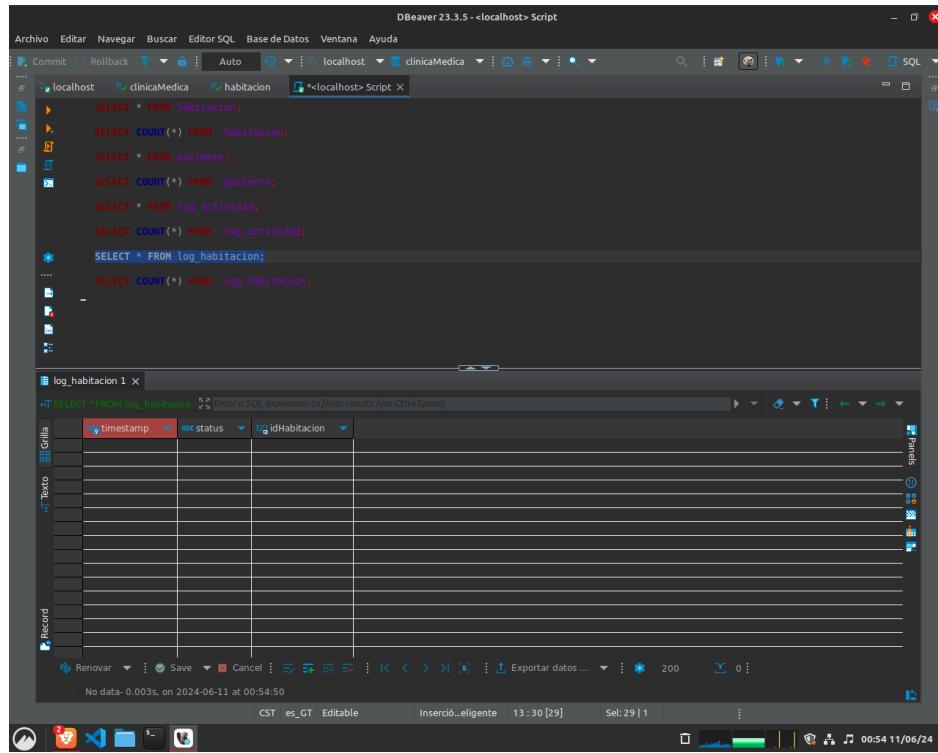


The screenshot shows the DBBeaver interface with a script window containing the following SQL code:

```
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
```

Below the script window is a results grid titled "log_actividad 1" with columns: id_log_actividad, timestampx, actividad, idPatiente, idHabitacion. The results pane displays the following message: "No data- 0.001s. on 2024-06-11 at 00:52:33".

SELECT * FROM log_habitacion;



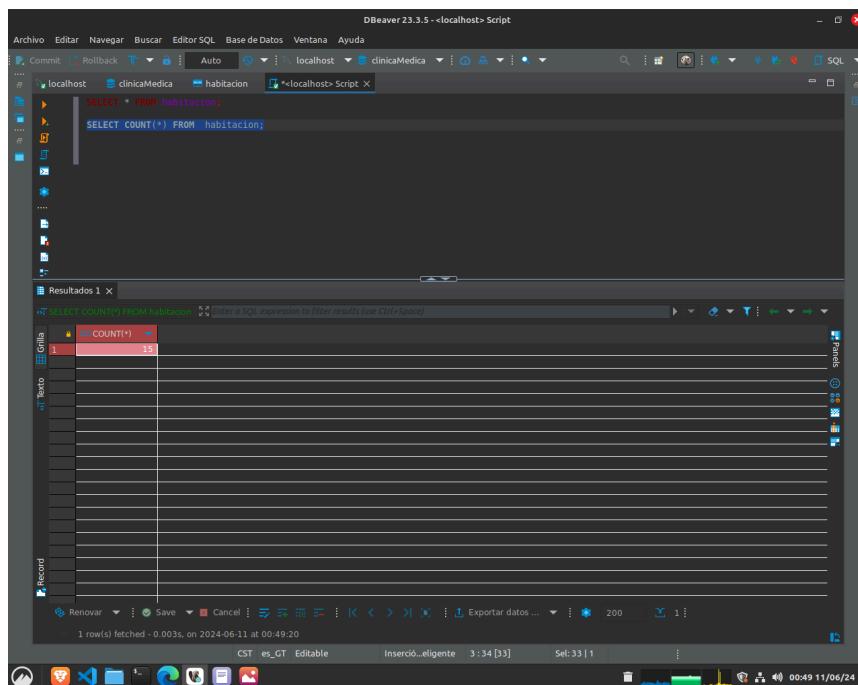
The screenshot shows the DBBeaver interface with a script window containing the following SQL code:

```
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;
```

Below the script window is a results grid titled "log_habitacion 1" with columns: timestamp, status, and idHabitacion. The results grid is currently empty.

SELECT COUNT(*) FROM

SELECT COUNT(*) FROM habitacion;

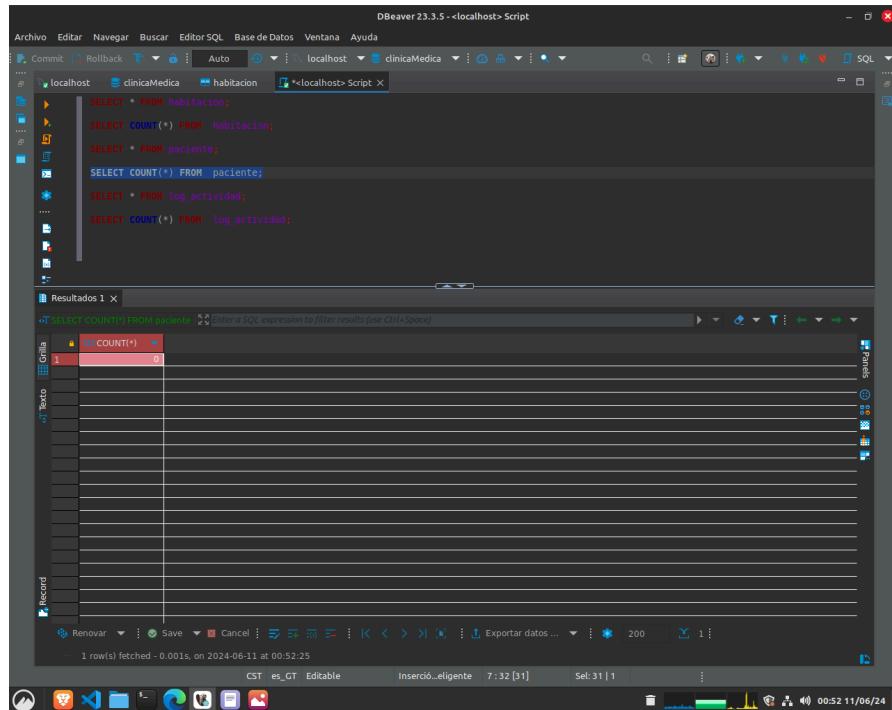


The screenshot shows the DBBeaver interface with a results window titled "Resultados 1" displaying the following output:

1 COUNT(*)
1 15

The results window also displays the message "1 row(s) fetched - 0.003s, on 2024-06-11 at 00:49:20".

SELECT COUNT(*) FROM paciente;



DBeaver 23.3.5 - <localhost> Script

```
Archivo Editar Navegar Buscar Editor SQL Base de Datos Ventana Ayuda
Commit Rollback Auto localhost clinicaMedica habitacion *<localhost> Script X
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
```

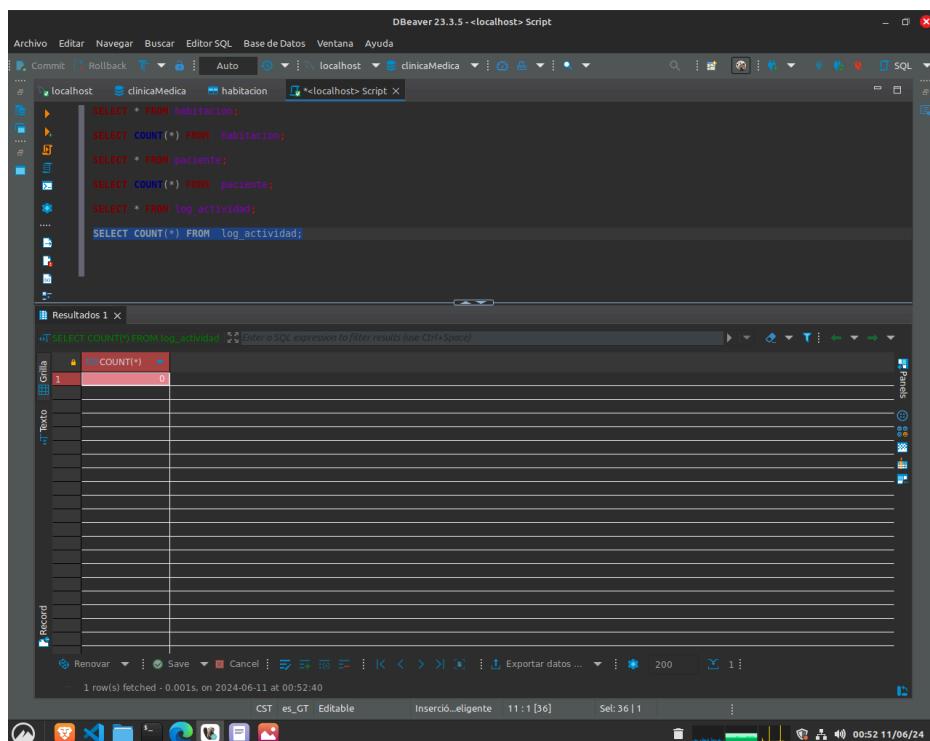
Resultados 1 ×

1	0
Grids	100 COUNT(*)
Texto	
Record	

Renovar Save Cancel Exportar datos ... 200 1

1 row(s) fetched - 0.001s. on 2024-06-11 at 00:52:25 CST es_GT Editable Inserci...eligente 7:32 [31] Sel: 31 | 1

SELECT COUNT(*) FROM log_actividad;



DBeaver 23.3.5 - <localhost> Script

```
Archivo Editar Navegar Buscar Editor SQL Base de Datos Ventana Ayuda
Commit Rollback Auto localhost clinicaMedica habitacion *<localhost> Script X
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
```

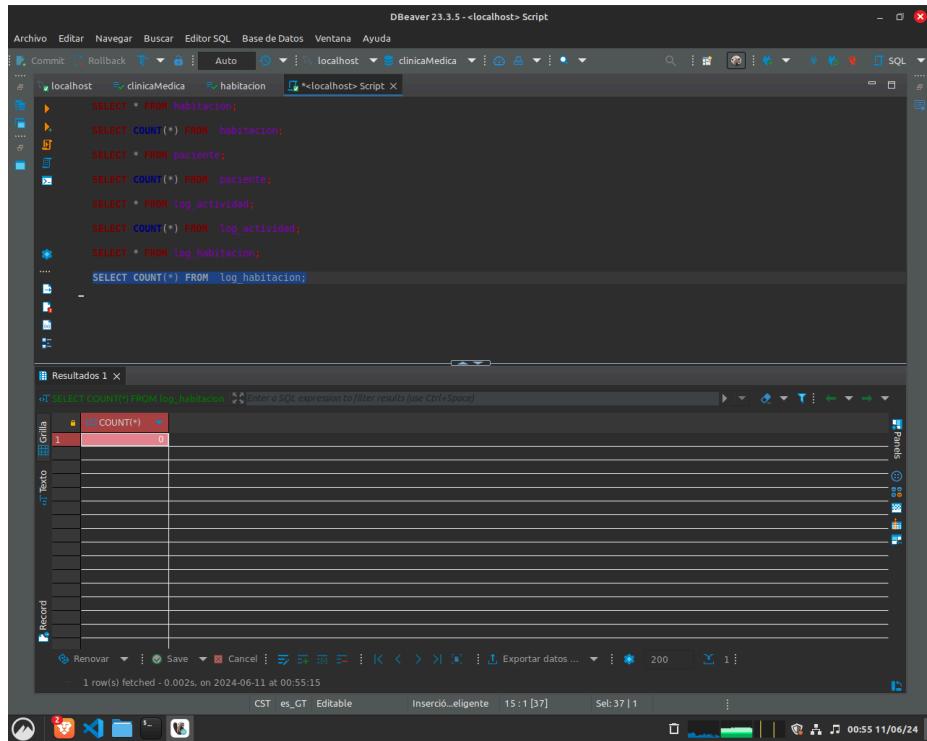
Resultados 1 ×

1	0
Grids	100 COUNT(*)
Texto	
Record	

Renovar Save Cancel Exportar datos ... 200 1

1 row(s) fetched - 0.001s. on 2024-06-11 at 00:52:40 CST es_GT Editable Inserci...eligente 11:1 [36] Sel: 36 | 1

SELECT COUNT(*) FROM log_habitacion;



DBeaver 23.3.5 - <localhost> Script

localhost clinicaMedica habitacion <localhost> Script

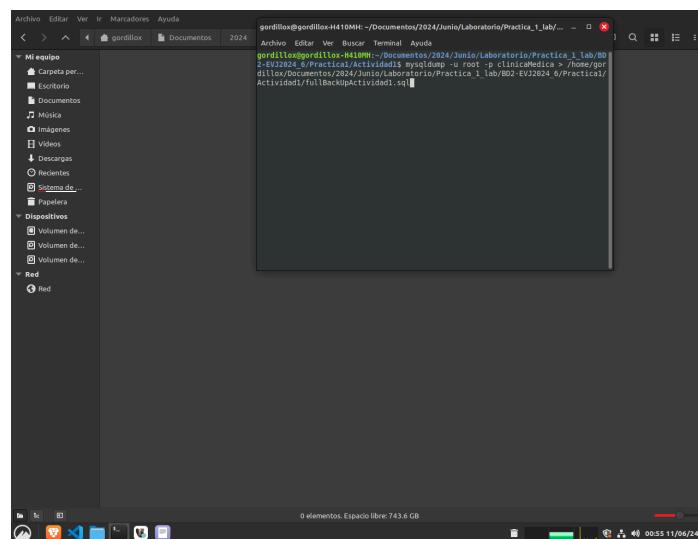
```
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;
```

Resultados 1 x

Grilla	1	COUNT(*)	0
Grid	1	COUNT(*)	0

1 row(s) fetched - 0.002s, on 2024-06-11 at 00:55:15

Creación Full Backup

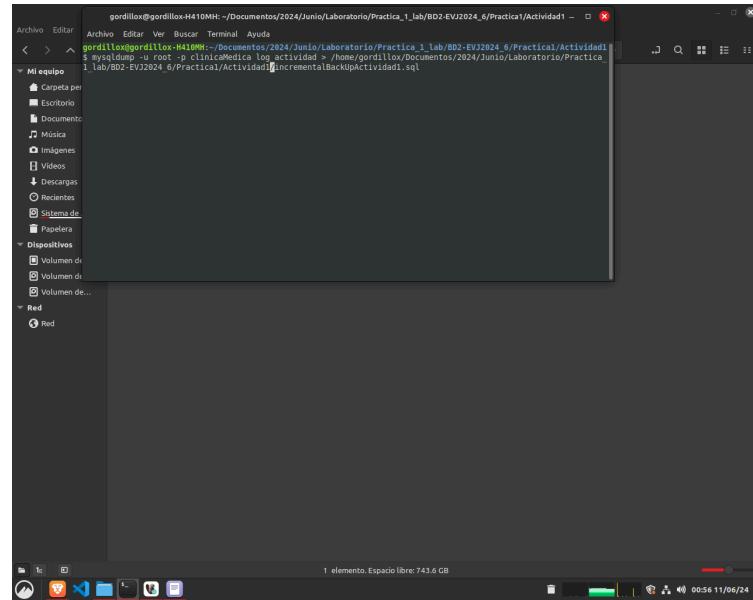


```
gordillox@gordillox-H410MH: ~/Documentos/2024/Junio/Laboratorio/Practica_1_lab/ ~
```

```
gordillox@gordillox-H410MH: ~/Documentos/2024/Junio/Laboratorio/Practica_1_lab/BD2-EVJ2024_6/Practica1/Actividad1$ mysqldump -u root -p clinicaMedica > /home/gordillox/Documentos/2024/Junio/Laboratorio/Practica_1_lab/BD2-EVJ2024_6/Practica1/Actividad1/fullBackupActividad1.sql
```

```
mysqldump -u root -p clinicaMedica >
/home/gordillox/Documentos/2024/Junio/Laboratorio/Practica_1_lab/BD2-EVJ2024_6/
Practica1/Actividad1/fullBackUpActividad1.sql
```

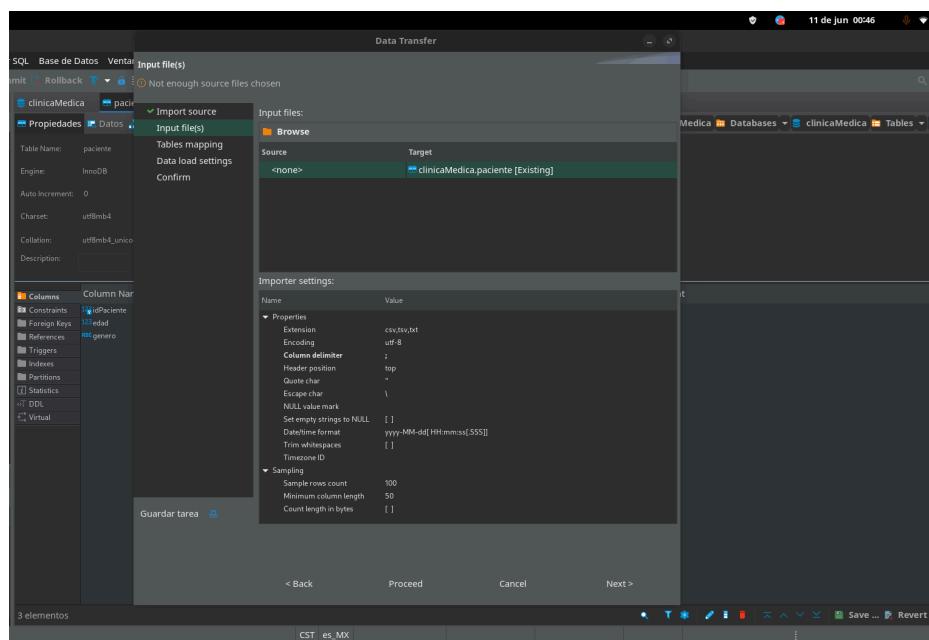
Creación Incremental Backup

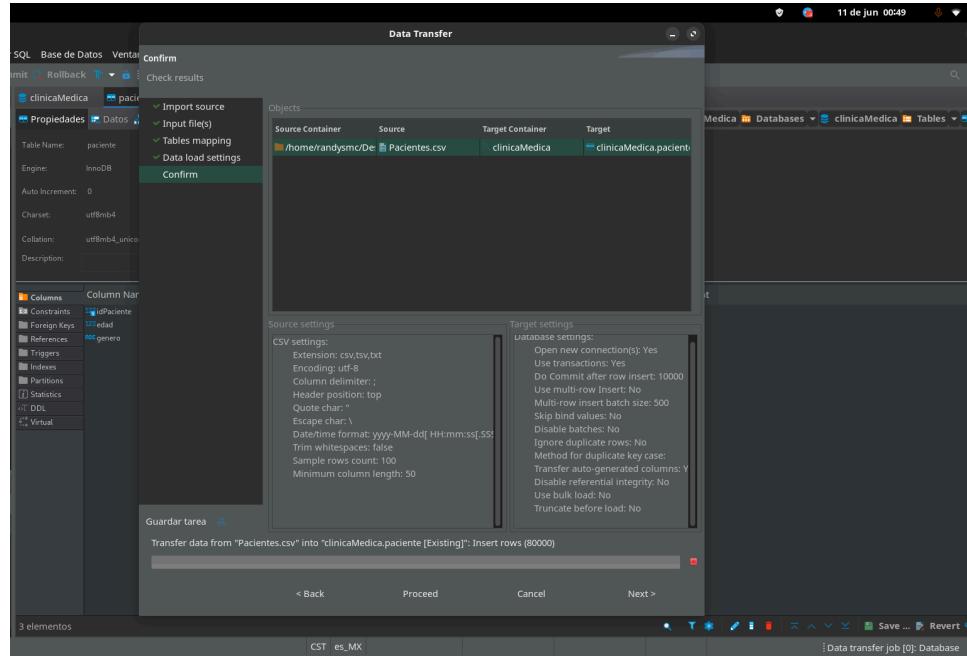


```
mysqldump -u root -p clinicaMedica log_actividad >
/home/gordillox/Documentos/2024/Junio/Laboratorio/Practica_1_lab/BD2-EVJ2024_6/
Practica1/Actividad1/incrementalBackUpActividad1.sql
```

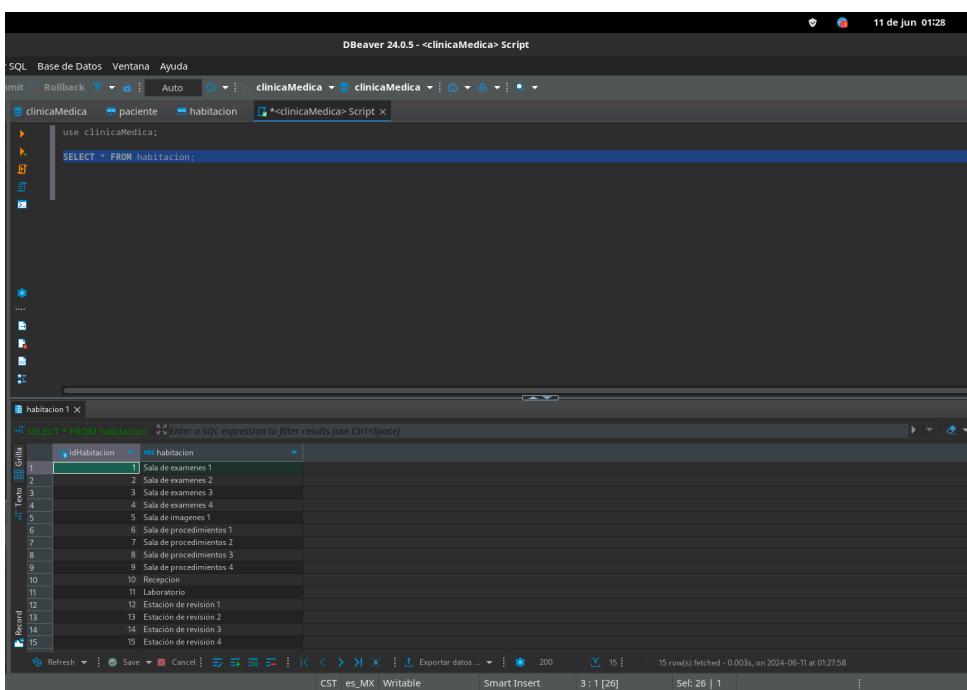
Actividad 2

Carga de datos de la tabla pacientes

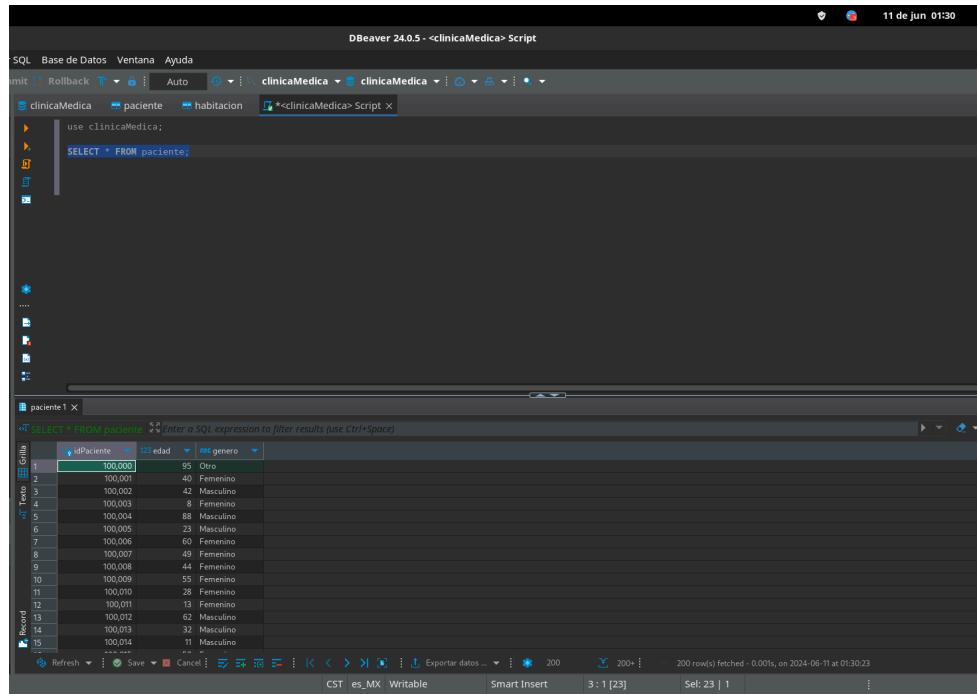




SELECT * FROM
SELECT * FROM habitacion;



SELECT * FROM paciente;



DBeaver 24.0.5 - <clinicaMedica> Script

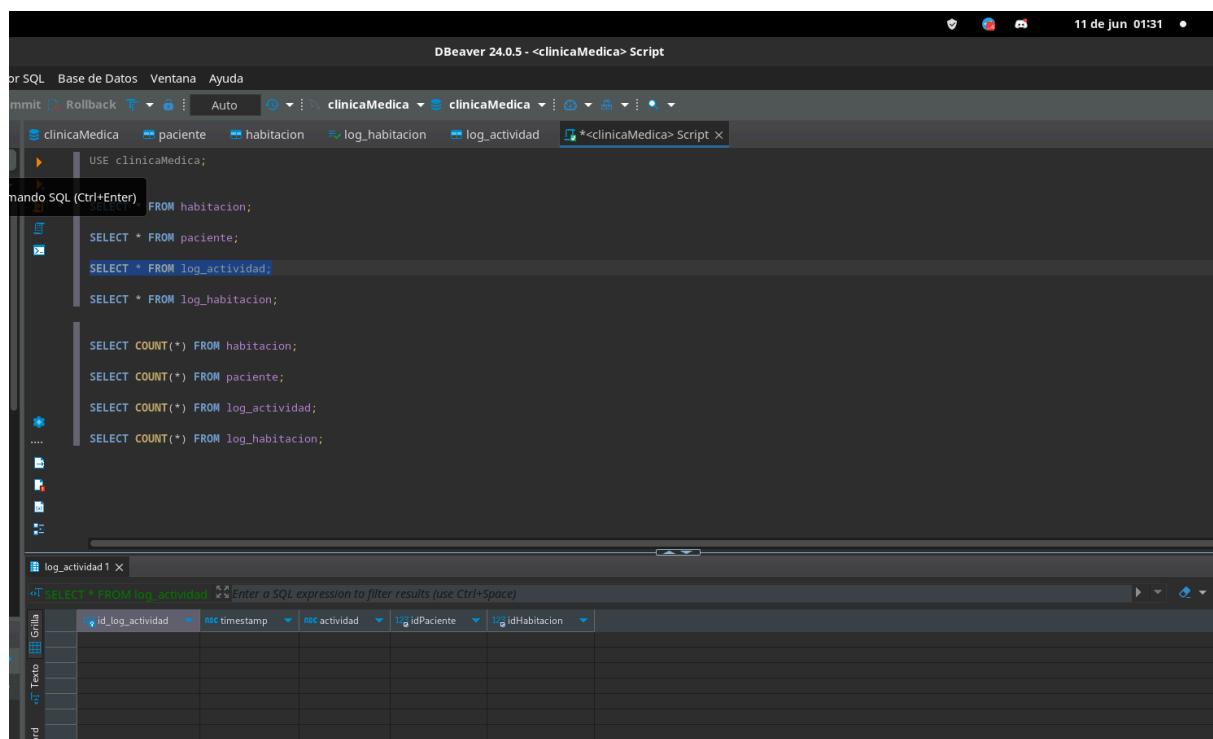
```
use clinicaMedica;
SELECT * FROM paciente;
```

Result

idPaciente	edad	sexGenero
100.000	85	Otro
100.001	50	Femenino
100.002	42	Masculino
100.003	8	Femenino
100.004	88	Masculino
100.005	23	Masculino
100.006	60	Femenino
100.007	49	Femenino
100.008	44	Femenino
100.009	55	Femenino
100.010	28	Masculino
100.011	13	Femenino
100.012	62	Masculino
100.013	32	Masculino
100.014	11	Masculino

CST es_MX Writable Smart Insert 3 : 1 [23] Sel: 23 | 1

SELECT * FROM log_actividad;



DBeaver 24.0.5 - <clinicaMedica> Script

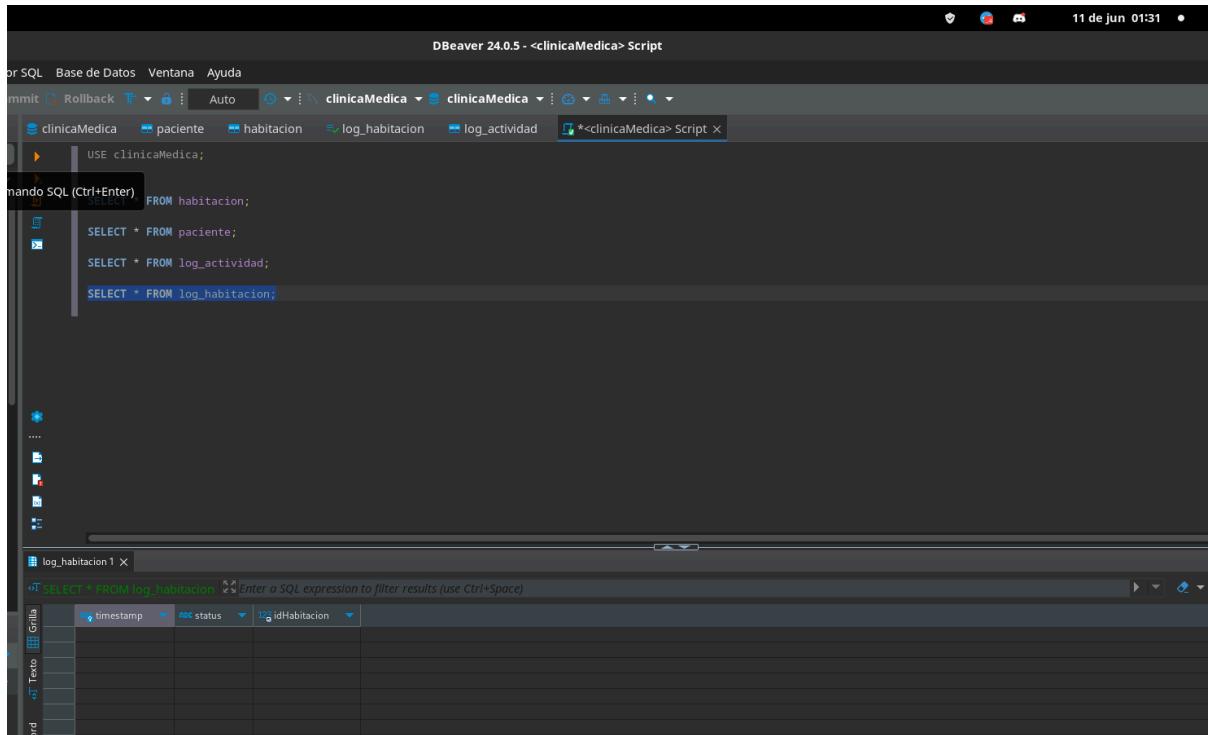
```
use clinicaMedica;
SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;

SELECT COUNT(*) FROM habitacion;
SELECT COUNT(*) FROM paciente;
SELECT COUNT(*) FROM log_actividad;
SELECT COUNT(*) FROM log_habitacion;
```

Result

id_log_actividad	act_timestamp	act_actividad	idPaciente	idHabitacion

SELECT * FROM log_habitacion;



DBeaver 24.0.5 - <clinicaMedica> Script

SQL Base de Datos Ventana Ayuda

Commit Rollback Auto clinicaMedica clinicaMedica clinicaMedica <> <clinicaMedica> Script

clínicaMedica paciente habitación log_habitacion log_actividad

```
USE clinicaMedica;
SELECT * FROM habitacion;
SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;
```

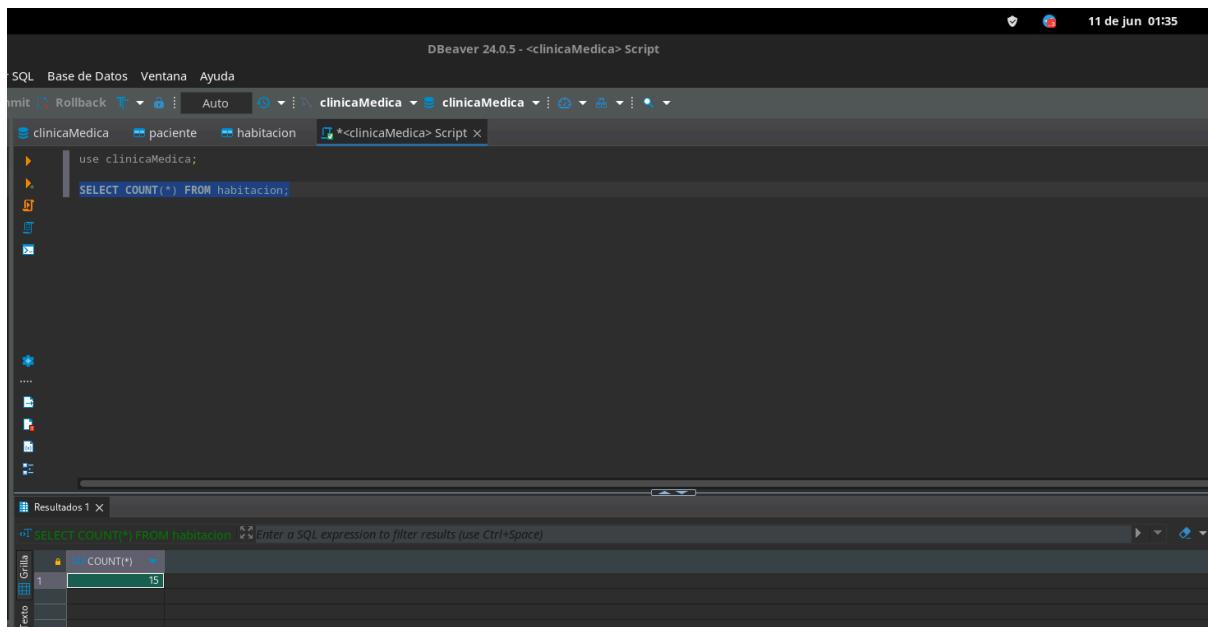
log_habitacion 1

SELECT * FROM log_habitacion

timestamp	status	idHabitacion

SELECT COUNT(*) FROM

SELECT COUNT(*) FROM habitación;



DBeaver 24.0.5 - <clinicaMedica> Script

SQL Base de Datos Ventana Ayuda

Commit Rollback Auto clinicaMedica clinicaMedica clinicaMedica <> <clinicaMedica> Script

clínicaMedica paciente habitación log_habitacion log_actividad

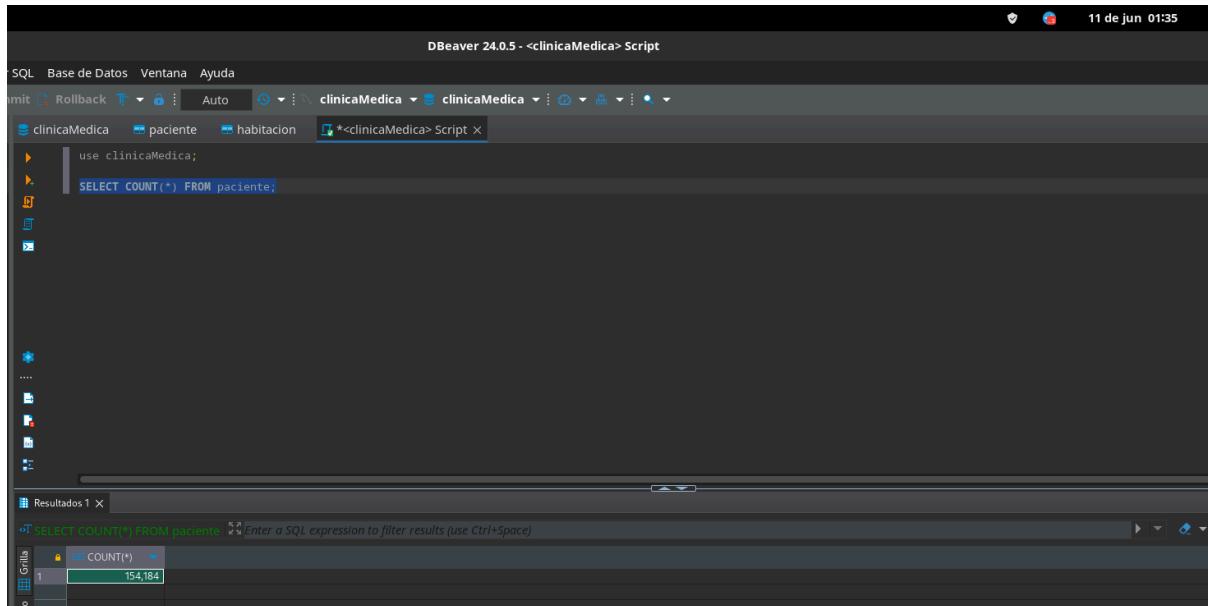
```
use clinicaMedica;
SELECT COUNT(*) FROM habitacion;
```

Resultados 1

SELECT COUNT(*) FROM habitacion

COUNT(*)
15

SELECT COUNT(*) FROM paciente;



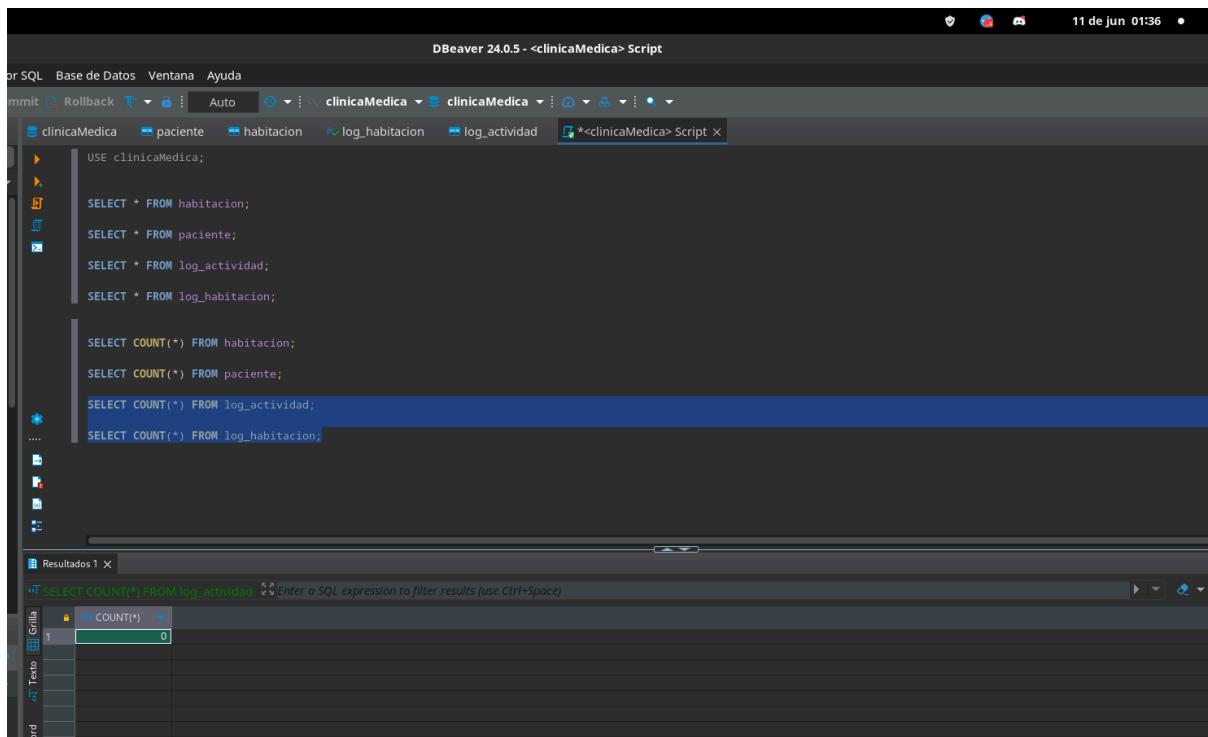
DBeaver 24.0.5 - <clinicaMedica> Script

```
SQL Base de Datos Ventana Ayuda
Commit Rollback Auto clinicaMedica clinicaMedica *<clinicaMedica> Script
clinicaMedica paciente habitacion *<clinicaMedica> Script
use clinicaMedica;
SELECT COUNT(*) FROM paciente;
```

Resultados 1 ×

Grilla	1
1	154,184

SELECT COUNT(*) FROM log_actividad;



DBeaver 24.0.5 - <clinicaMedica> Script

```
SQL Base de Datos Ventana Ayuda
Commit Rollback Auto clinicaMedica clinicaMedica *<clinicaMedica> Script
clinicaMedica paciente habitacion log_habitacion log_actividad *<clinicaMedica> Script
USE clinicaMedica;

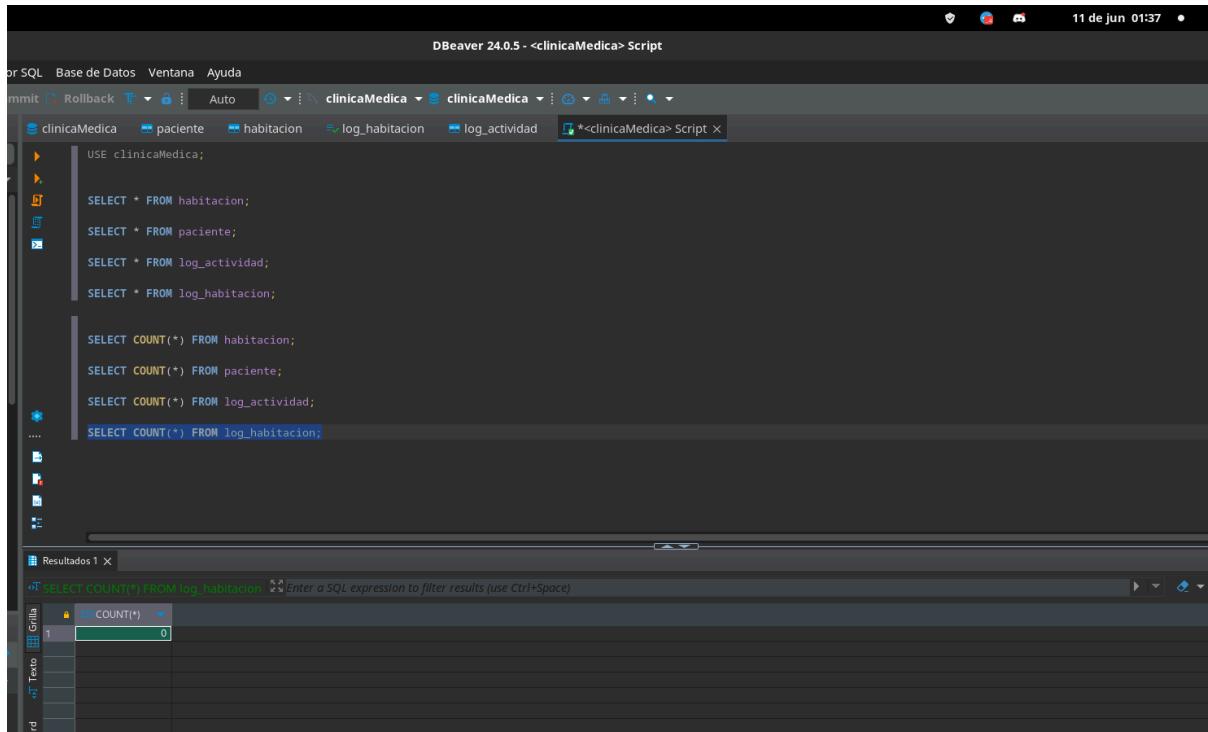
SELECT * FROM habitacion;
SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;

SELECT COUNT(*) FROM habitacion;
SELECT COUNT(*) FROM paciente;
SELECT COUNT(*) FROM log_actividad;
SELECT COUNT(*) FROM log_habitacion;
```

Resultados 1 ×

Grilla	1
1	0

SELECT COUNT(*) FROM log_habitacion;

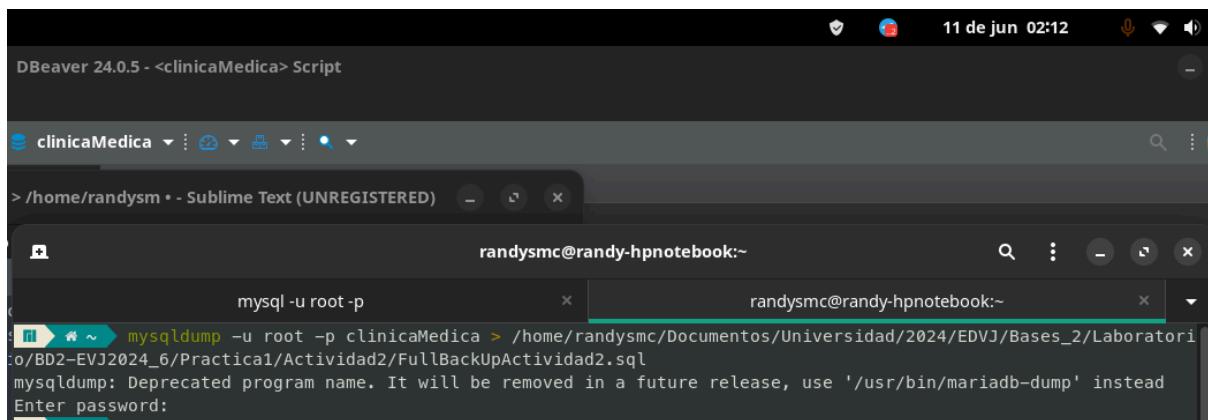


```
DBeaver 24.0.5 - <clinicaMedica> Script
SQL Base de Datos Ventana Ayuda
Commit Rollback Auto clinicaMedica clinicaMedica *<clinicaMedica> Script X
clínicaMedica paciente habitación log_habitacion log_actividad
USE clinicaMedica;
SELECT * FROM habitacion;
SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;

SELECT COUNT(*) FROM habitacion;
SELECT COUNT(*) FROM paciente;
SELECT COUNT(*) FROM log_actividad;
SELECT COUNT(*) FROM log_habitacion;

Resultados 1 X
SELECT COUNT(*) FROM log_habitacion Enter a SQL expression to filter results (use Ctrl+Space)
Género COUNT(*)
1 0
Texto
Máximo
```

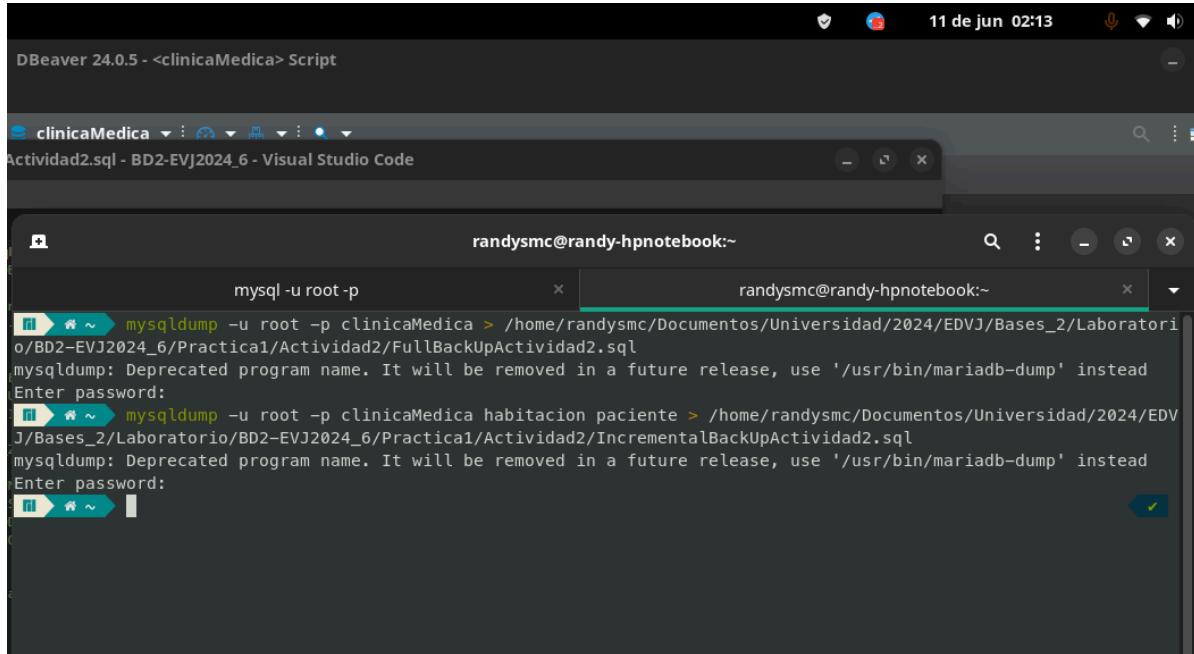
Creación de Full Backup



```
DBeaver 24.0.5 - <clinicaMedica> Script
clinicaMedica Sublime Text (UNREGISTERED)
randysmc@randy-hpnotebook:~ mysql -u root -p
randysmc@randy-hpnotebook:~ mysql -u root -p clinicaMedica > /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad2/FullBackUpActividad2.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb-dump' instead
Enter password:
```

**mysqldump -u root -p clinicaMedica >
/home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad2/FullBackUpActividad2.sql**

Creación de Incremental Backup

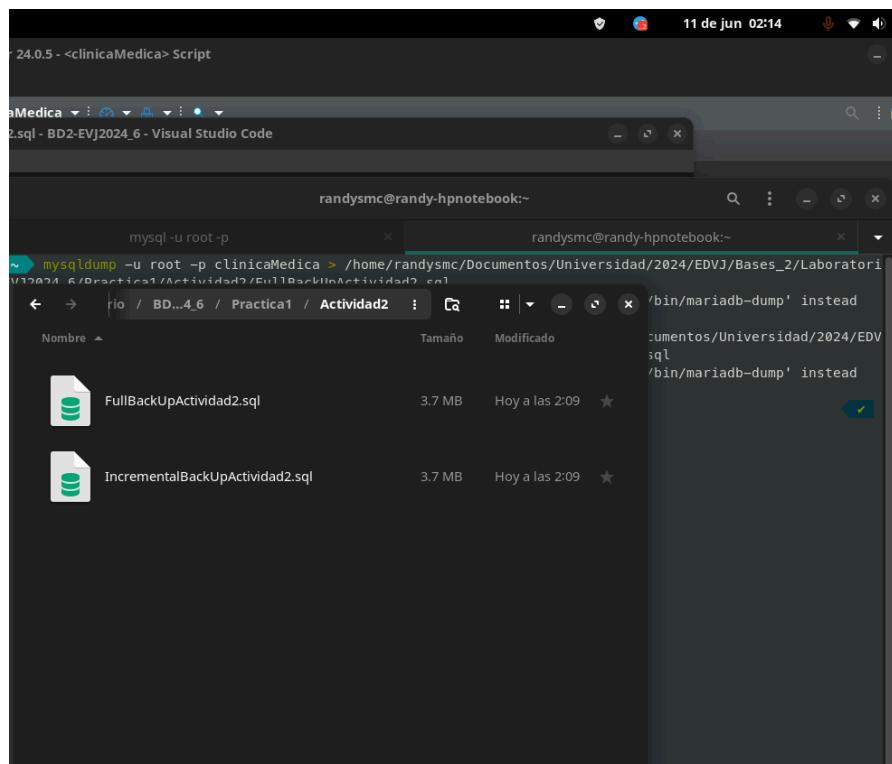


DBeaver 24.0.5 - <clinicaMedica> Script

clinicaMedica - BD2-EVJ2024_6 - Visual Studio Code

```
mysql -u root -p
mysqldump -u root -p clinicaMedica > /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad2/FullBackUpActividad2.sql
mysqldump: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb-dump' instead
Enter password:
mysqldump -u root -p clinicaMedica habitacion paciente > /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad2/IncrementalBackUpActividad2.sql
mysqldump: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb-dump' instead
Enter password:
```

**mysqldump -u root -p clinicaMedica paciente >
/home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad2/IncrementalBackUpActividad2.sql**



DBeaver 24.0.5 - <clinicaMedica> Script

clinicaMedica - BD2-EVJ2024_6 - Visual Studio Code

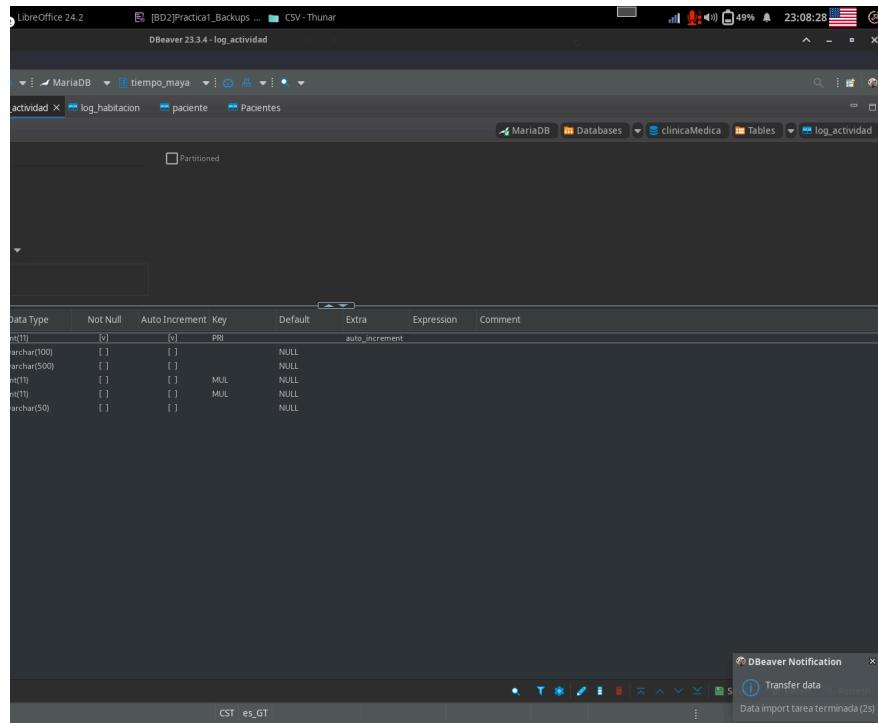
```
mysql -u root -p
mysqldump -u root -p clinicaMedica > /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad2/FullBackUpActividad2.sql
mysqldump: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb-dump' instead
mysqldump -u root -p clinicaMedica paciente > /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad2/IncrementalBackUpActividad2.sql
mysqldump: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb-dump' instead
```

randysmc@randy-hpnotebook:~

Nombre	Tamaño	Modificado
FullBackUpActividad2.sql	3.7 MB	Hoy a las 2:09
IncrementalBackUpActividad2.sql	3.7 MB	Hoy a las 2:09

Actividad 3

Carga de datos de log_actividades_1

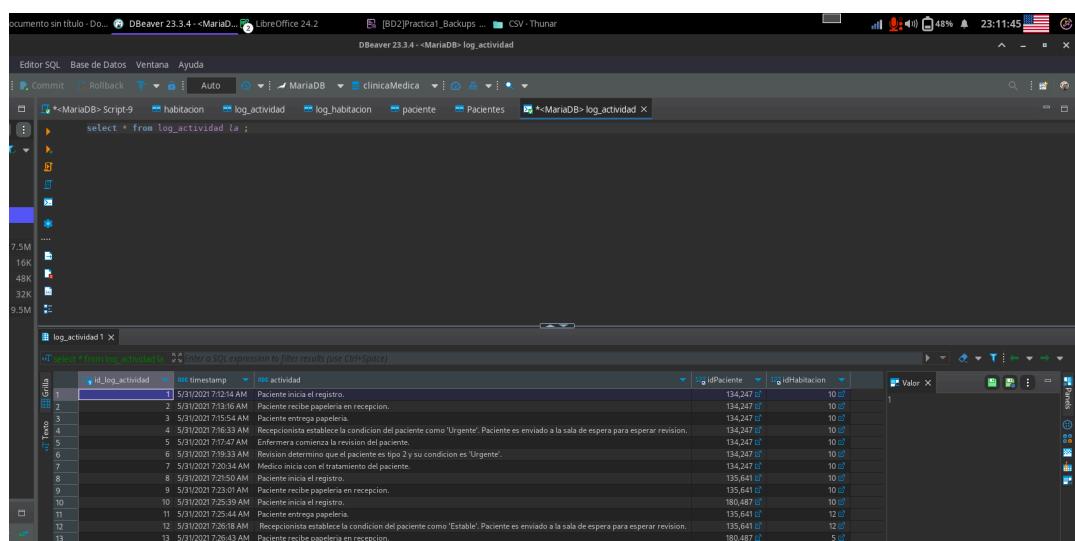


The screenshot shows the DBeaver interface with the 'log_actividad' table selected. The table structure is displayed with columns: Data Type, Not Null, Auto Increment, Key, Default, Extra, Expression, and Comment. The table contains 13 rows of data. A notification window at the bottom right indicates 'Data import tarea terminada (2s)'.

Data Type	Not Null	Auto Increment	Key	Default	Extra	Expression	Comment
int(1)	[x]		PRI			auto_increment	
varchar(100)	[]			NULL			
varchar(500)	[]			NULL			
int(1)	[]			MUL			
int(1)	[]			MUL			
varchar(50)	[]			NULL			

SELECT * FROM

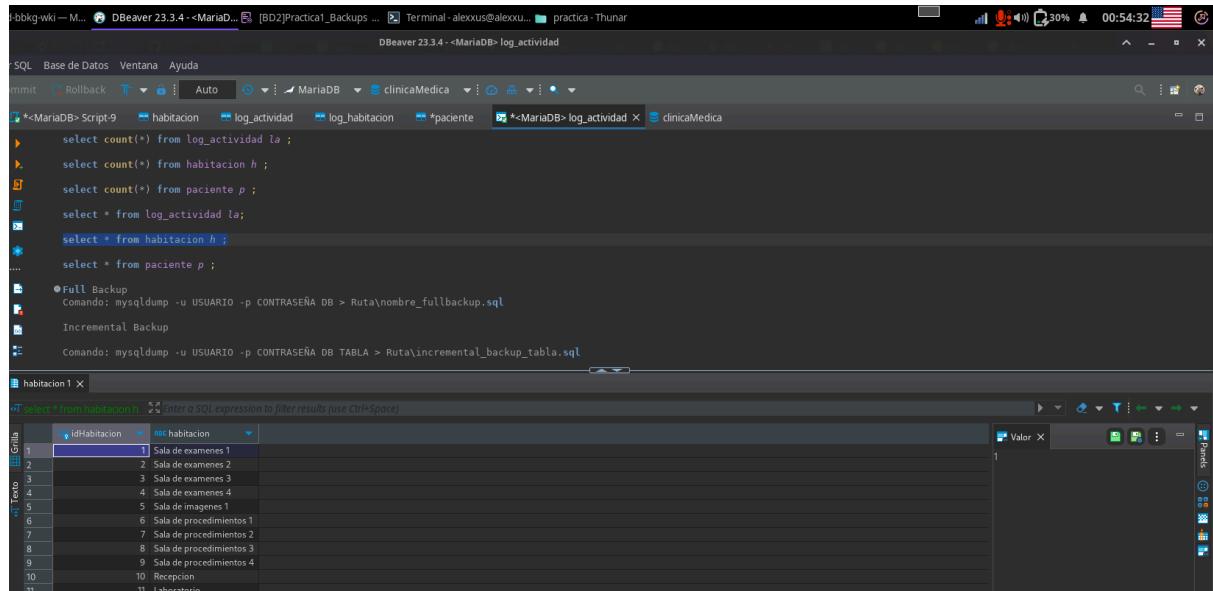
SELECT * FROM log_actividad;



The screenshot shows the DBeaver interface with the results of the 'SELECT * FROM log_actividad' query. The results are displayed in a grid format with columns: id_log_actividad, timestamp, actividad, idPaciente, and idHabitacion. The grid contains 13 rows of data, each describing a patient activity with its timestamp, type, and associated patient and room IDs.

id_log_actividad	timestamp	actividad	idPaciente	idHabitacion
1	5/3/2021 7:12:14 AM	Paciente inicia el registro.	134,247	10
2	5/3/2021 7:13:16 AM	Paciente recibe papelera en recepción.	134,247	10
3	5/3/2021 7:15:54 AM	Paciente entrega papelera.	134,247	10
4	5/3/2021 7:16:45 AM	Recepcionista establece la condición del paciente como 'Urgente'. Paciente es enviado a la sala de espera para esperar revisión.	134,247	10
5	5/3/2021 7:17:47 AM	Recepcionista establece la condición del paciente como 'Urgente'.	134,247	10
6	5/3/2021 7:19:33 AM	Recepcionista determina que el paciente es tipo 2 y su condición es 'Urgente'.	134,247	10
7	5/3/2021 7:20:34 AM	Medico inicia con el tratamiento del paciente.	134,247	10
8	5/3/2021 7:25:50 AM	Paciente inicia el registro.	135,641	10
9	5/3/2021 7:28:01 AM	Paciente recibe papelera en recepción.	135,641	10
10	5/3/2021 7:29:39 AM	Paciente inicia el registro.	180,487	10
11	5/3/2021 7:29:44 AM	Paciente entrega papelera.	180,487	10
12	5/3/2021 7:30:44 AM	Recepcionista establece la condición del paciente como 'Estable'. Paciente es enviado a la sala de espera para esperar revisión.	180,487	12
13	5/3/2021 7:36:43 AM	Paciente recibe papelera en recepción.	180,487	5

SELECT * FROM habitacion;



The screenshot shows the DBBeaver interface with the following details:

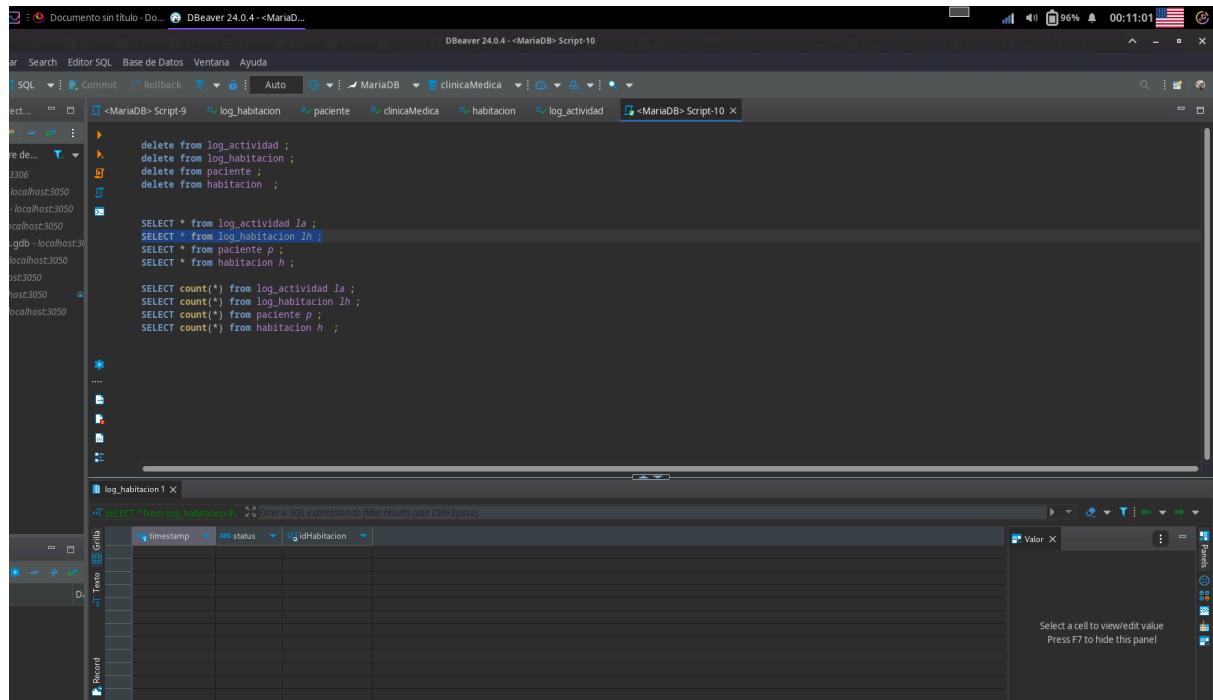
- Top bar: DBBeaver 23.3.4 - <MariaDB>, BD2|Practica1_Backups ..., Terminal - alexxu@alex... practica - Thunar.
- Toolbar: SQL, Base de Datos, Ventana, Ayuda.
- Script tab: Contains the following SQL code:

```
select count(*) from log_actividad la ;
select count(*) from habitacion h ;
select count(*) from paciente p ;
select * from log_actividad la;
select * from habitacion h ;
select * from paciente p ;
```

Backup section:
 - Full Backup: Comando: mysqldump -u USUARIO -p CONTRASEÑA DB > Ruta\nombre_fullbackup.sql
 - Incremental Backup: Comando: mysqldump -u USUARIO -p CONTRASEÑA DB TABLA > Ruta\incremental_backup_table.sql
- Results tab: Shows the data from the habitacion table in a grid format. The columns are idHabitacion and habitacion. The data rows are:

idHabitacion	habitacion
1	Sala de exámenes 1
2	Sala de exámenes 2
3	Sala de exámenes 3
4	Sala de exámenes 4
5	Sala de imágenes 1
6	Sala de procedimientos 1
7	Sala de procedimientos 2
8	Sala de procedimientos 3
9	Sala de procedimientos 4
10	Recepción
11	Laboratorio

SELECT * FROM log_habitacion



The screenshot shows the DBBeaver interface with the following details:

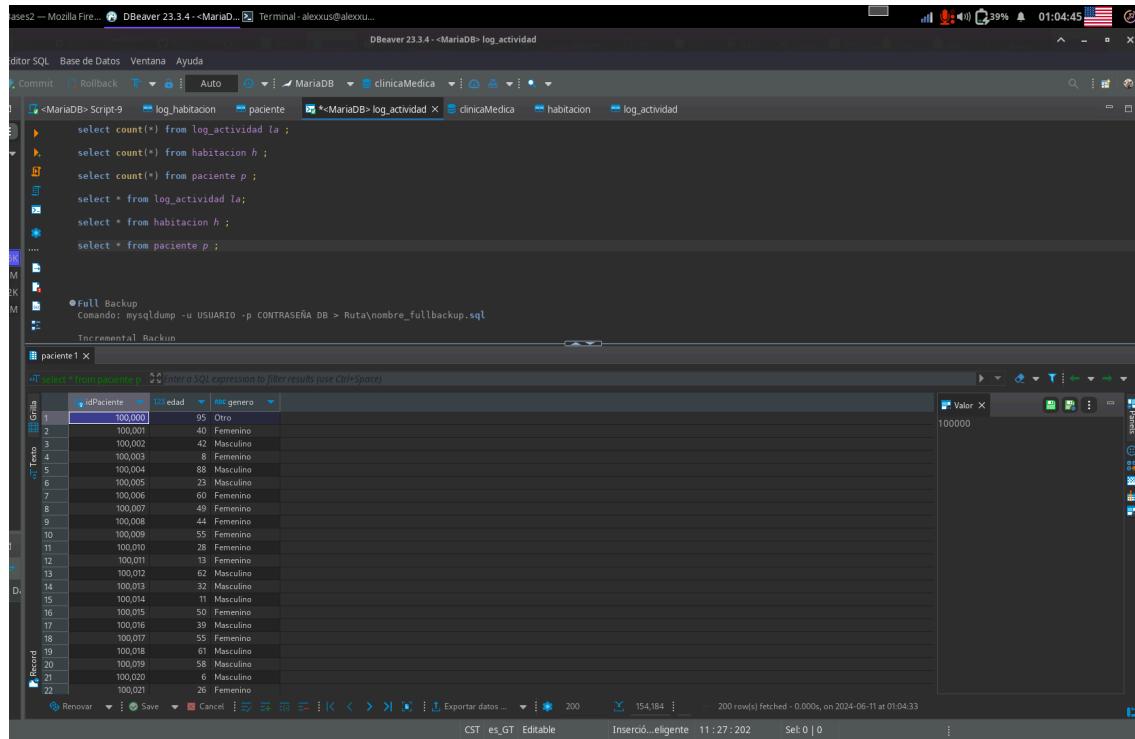
- Top bar: Documento sin título - Do..., DBBeaver 24.0.4 - <MariaDB>, Script-10.
- Toolbar: SQL, Commit, Rollback, Auto, MariaDB, clinicaMedica, habitacion, log_actividad.
- Script tab: Contains the following SQL code:

```
delete from log_actividad ;
delete from log_habitacion ;
delete from paciente ;
delete from habitacion ;
```

SELECT * from log_actividad la ;
SELECT * from log_habitacion lh ;
SELECT * from paciente p ;
SELECT * from habitacion h ;
- Results tab: Shows the data from the log_habitacion table in a grid format. The columns are timestamp, status, and idHabitacion. The data rows are:

timestamp	status	idHabitacion

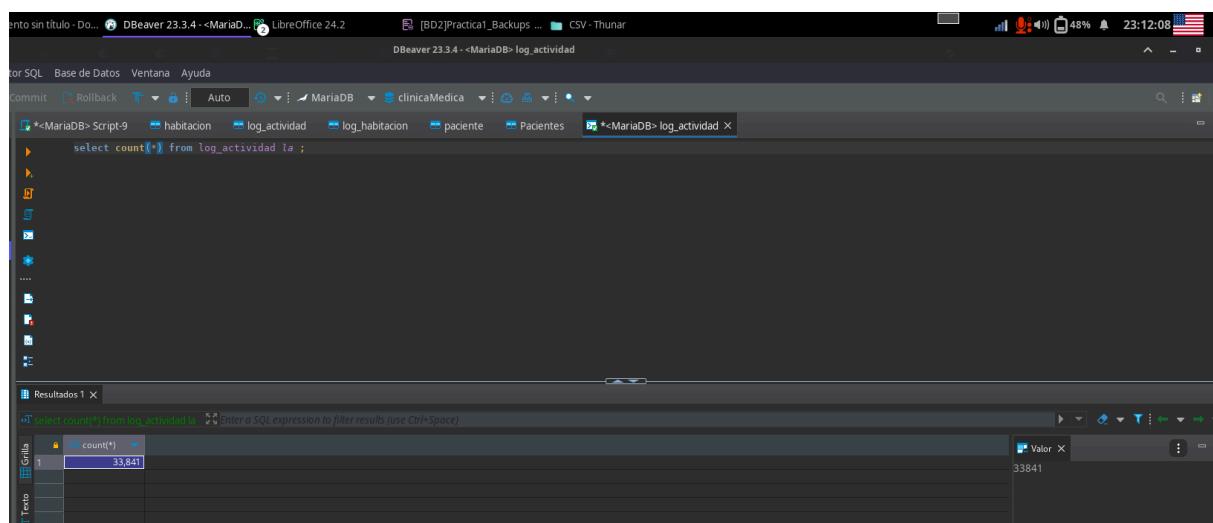
SELECT * FROM paciente;



	idPaciente	edad	genero
1	100.001	95	Otro
2	100.001	42	Masculino
3	100.002	8	Femenino
4	100.003	88	Masculino
5	100.004	23	Masculino
6	100.005	60	Femenino
7	100.006	49	Femenino
8	100.007	44	Femenino
9	100.008	55	Femenino
10	100.009	28	Femenino
11	100.010	13	Femenino
12	100.011	62	Masculino
13	100.012	38	Masculino
14	100.013	11	Masculino
15	100.014	50	Femenino
16	100.015	39	Masculino
17	100.016	55	Femenino
18	100.017	61	Masculino
19	100.018	58	Masculino
20	100.019	6	Masculino
21	100.020	26	Femenino
22	100.021	100000	

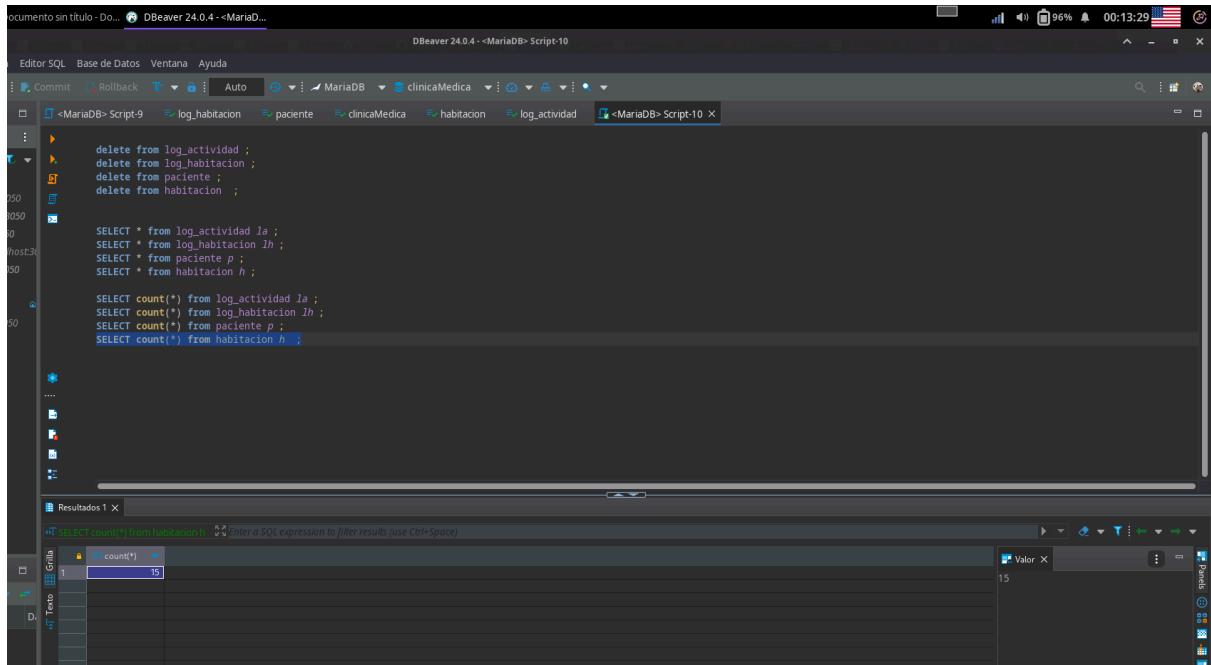
SELECT COUNT(*) FROM

SELECT COUNT(*) FROM log_actividad;



	count(*)
1	33,841

SELECT COUNT(*) FROM habitacion;



The screenshot shows the DBeaver 24.0.4 interface with the SQL tab selected. The code editor contains the following SQL script:

```
delete from log_actividad ;
delete from log_habitacion ;
delete from paciente ;
delete from habitacion ;

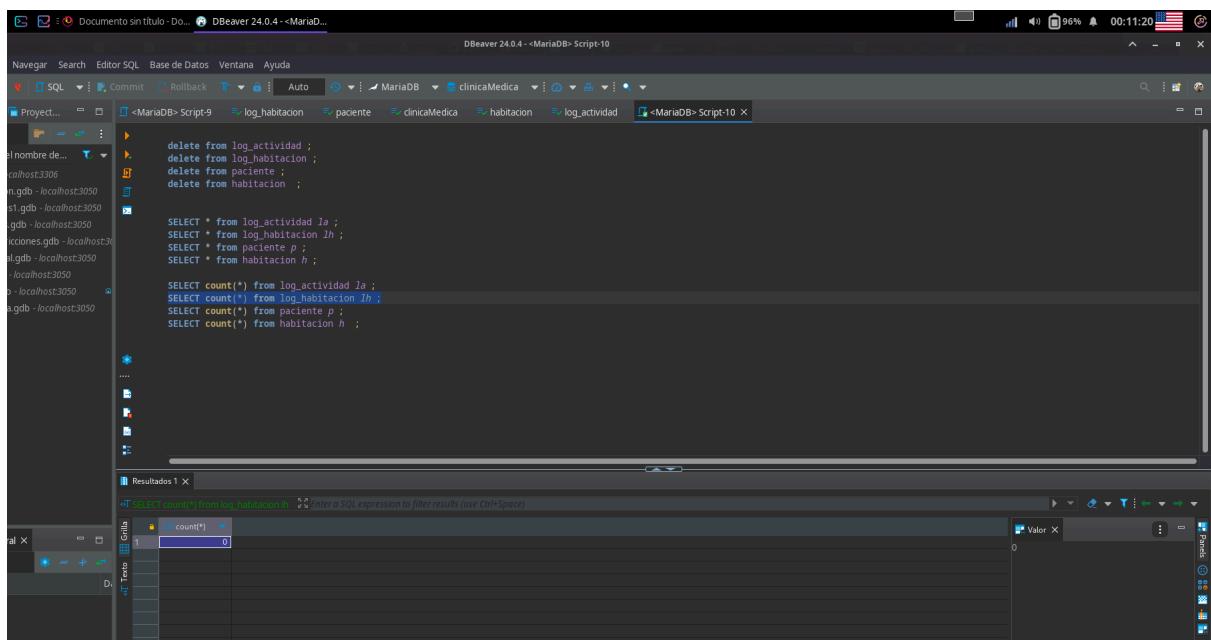
SELECT * from log_actividad la ;
SELECT * from log_habitacion lh ;
SELECT * from paciente p ;
SELECT * from habitacion h ;

SELECT count(*) from log_actividad la ;
SELECT count(*) from log_habitacion lh ;
SELECT count(*) from paciente p ;
SELECT count(*) from habitacion h ;
```

The results pane shows a single row of data:

count(*)
15

SELECT COUNT(*) FROM log_habitacion;



The screenshot shows the DBeaver 24.0.4 interface with the SQL tab selected. The code editor contains the following SQL script:

```
delete from log_actividad ;
delete from log_habitacion ;
delete from paciente ;
delete from habitacion ;

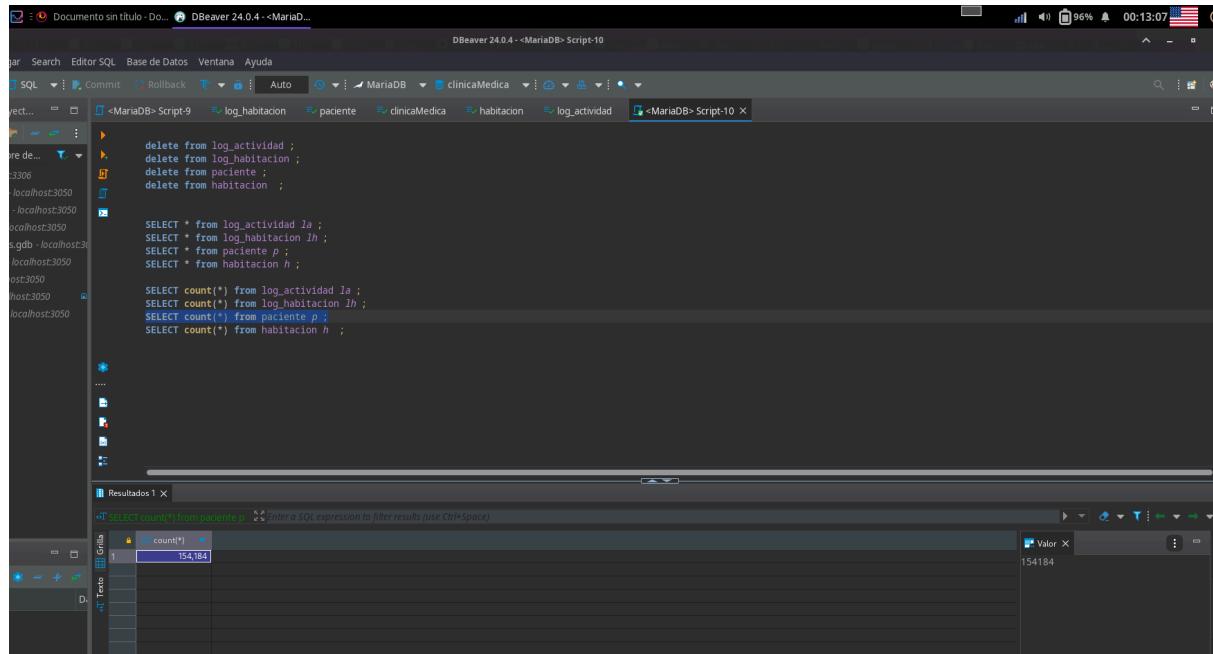
SELECT * from log_actividad la ;
SELECT * from log_habitacion lh ;
SELECT * from paciente p ;
SELECT * from habitacion h ;

SELECT count(*) from log_actividad la ;
SELECT count(*) from log_habitacion lh ;
SELECT count(*) from paciente p ;
SELECT count(*) from habitacion h ;
```

The results pane shows a single row of data:

count(*)
0

SELECT COUNT(*) FROM paciente;



The screenshot shows the DBBeaver interface with a script window containing the following SQL code:

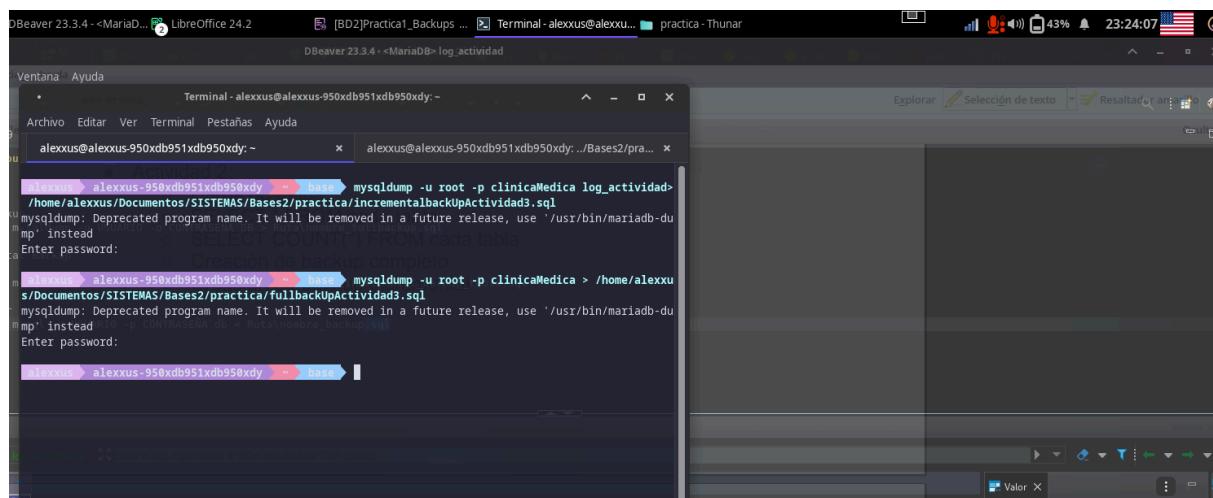
```
delete from log_actividad ;
delete from log_habitacion ;
delete from paciente ;
delete from habitacion ;

SELECT * from log_actividad la ;
SELECT * from log_habitacion lh ;
SELECT * from paciente p ;
SELECT * from habitacion h ;

SELECT count(*) from log_actividad la ;
SELECT count(*) from log_habitacion lh ;
SELECT count(*) from paciente p ;
SELECT count(*) from habitacion h ;
```

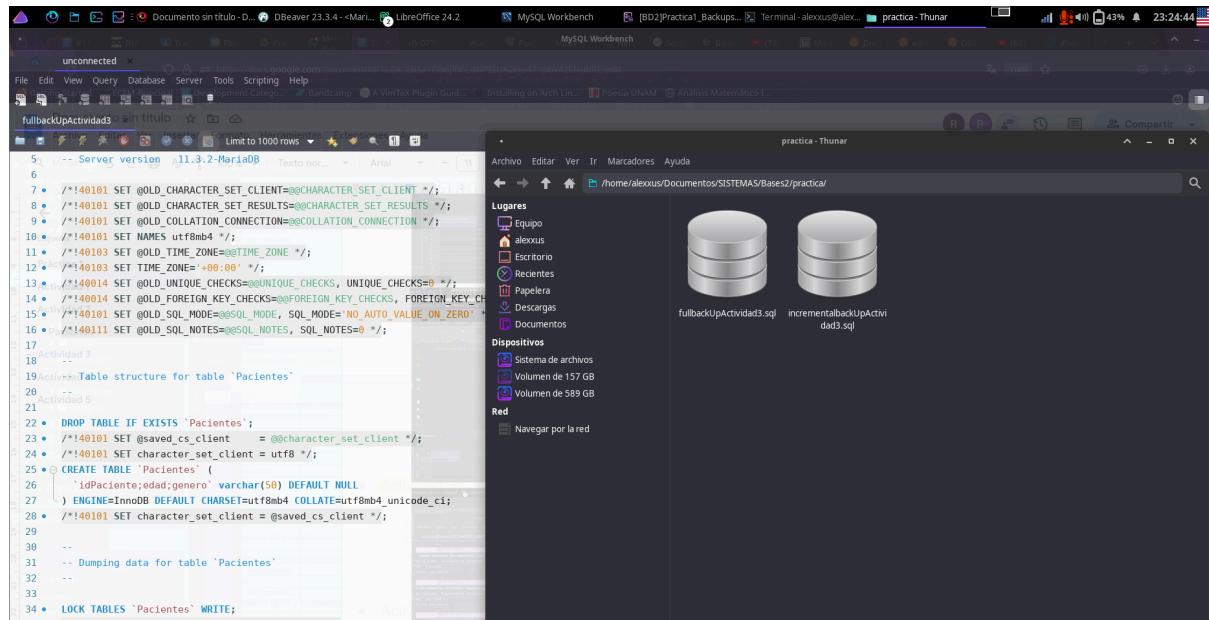
The results window shows a single row with the value 154184.

Creación de Full BackUp



```
alexus@alexxus-950xdb951xdb950xdy:~$ mysql -u root -p clinicaMedica > /home/alexxus/Documentos/SISTEMAS/Bases2/practica/fullbackUpActividad3.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb-dump' instead
Enter password:
alexus@alexxus-950xdb951xdb950xdy:~$ mysql -u root -p clinicaMedica > /home/alexxus/Documentos/SISTEMAS/Bases2/practica/fullbackUpActividad3.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb-dump' instead
Enter password:
```

**mysql -u root -p clinicaMedica >
/home/alexxus/Documentos/SISTEMAS/Bases2/practica/fullbackUpActividad3.sql**



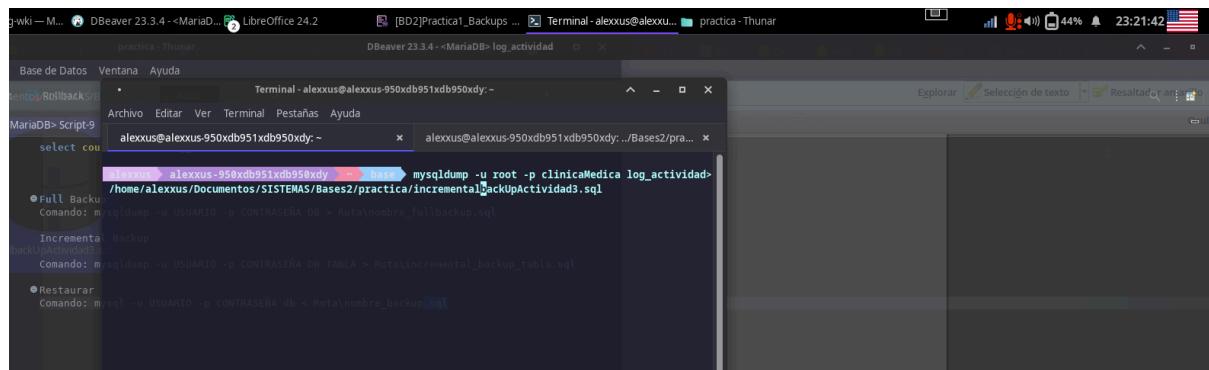
```

-- MySQL dump 10.13.2-MariaDB
-- 
-- Host: localhost    Database: log_actividad
-- ------------------------------------------------------
-- Server version 11.3.2-MariaDB

SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT;
SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS;
SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION;
SET NAMES utf8mb4 ;
SET TIME_ZONE=@TIME_ZONE;
SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 ;
SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_C...
SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO';
SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 ;
-- Activity
-- 
-- Table structure for table `Pacientes`
-- 
-- Activity 5
-- 
-- Dumping data for table `Pacientes`
-- 
-- LOCK TABLES `Pacientes` WRITE;

```

Creación de Incremental Backup

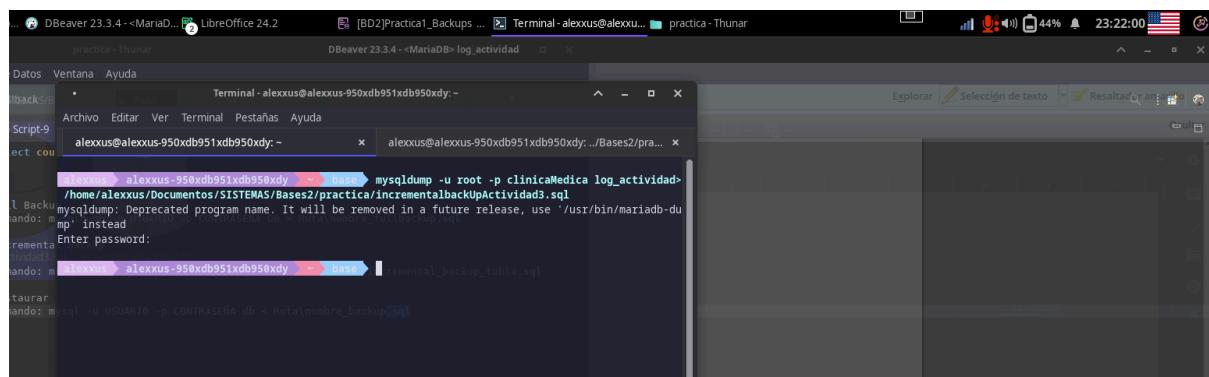


```

alex@alexus-950xdb951xdb950xdy:~ mysql -u root -p clinicaMedica log_actividad>
/home/alexus/Documentos/SISTEMAS/Bases2/practica/incrementalbackUpActividad3.sql

```

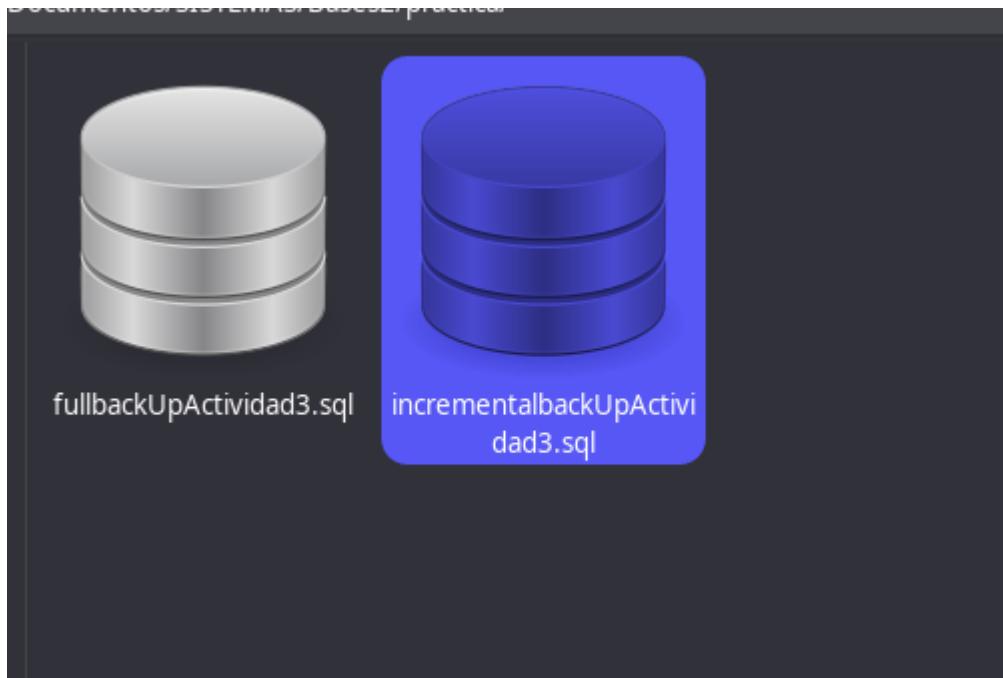
**mysqldump -u root -p clinicaMedica log_actividad>
 /home/alexus/Documentos/SISTEMAS/Bases2/practica/incrementalbackUpActividad3.sql**



```

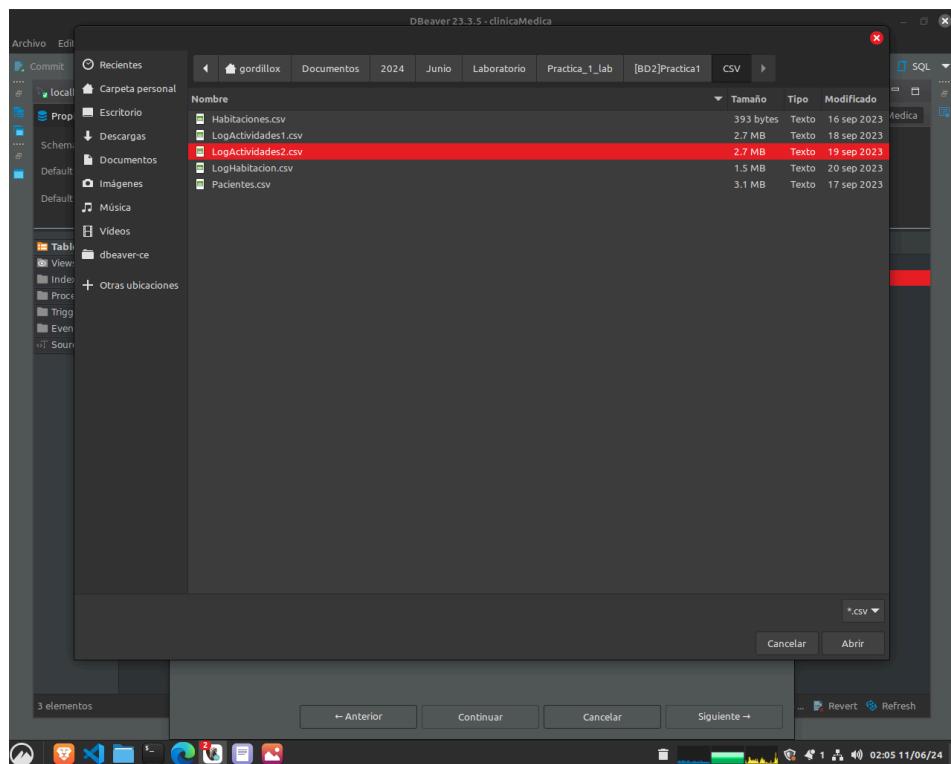
alex@alexus-950xdb951xdb950xdy:~ mysql -u root -p clinicaMedica log_actividad>
/home/alexus/Documentos/SISTEMAS/Bases2/practica/incrementalbackUpActividad3.sql
mysqldump: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb-dump' instead.
Enter password:

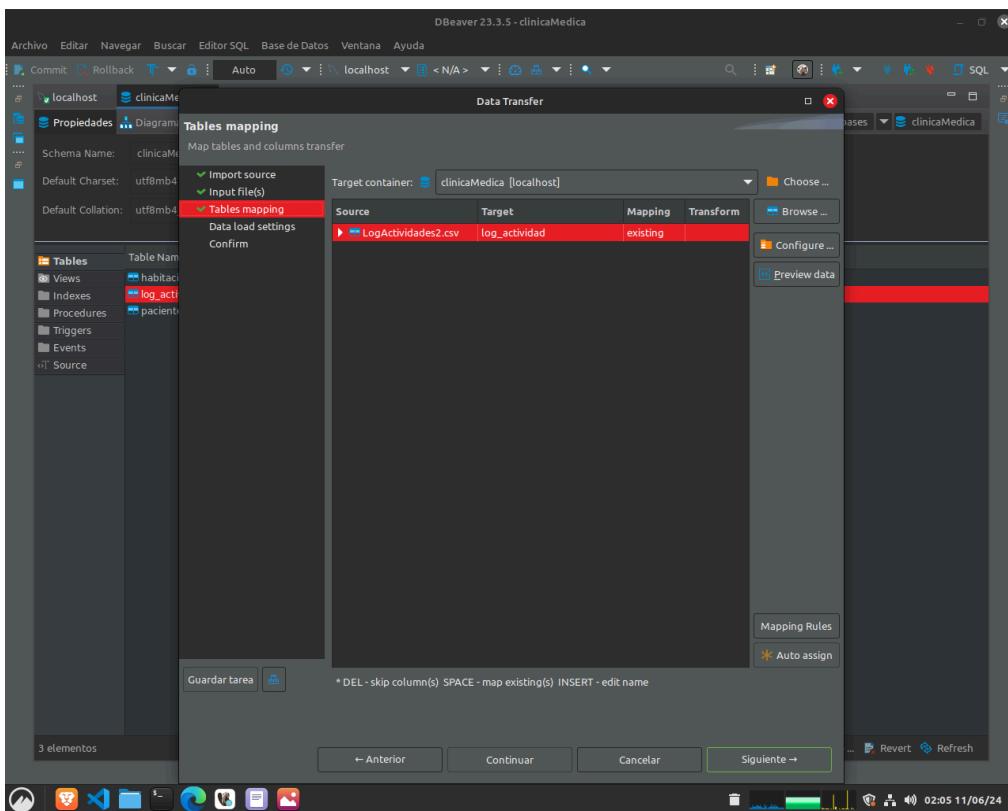
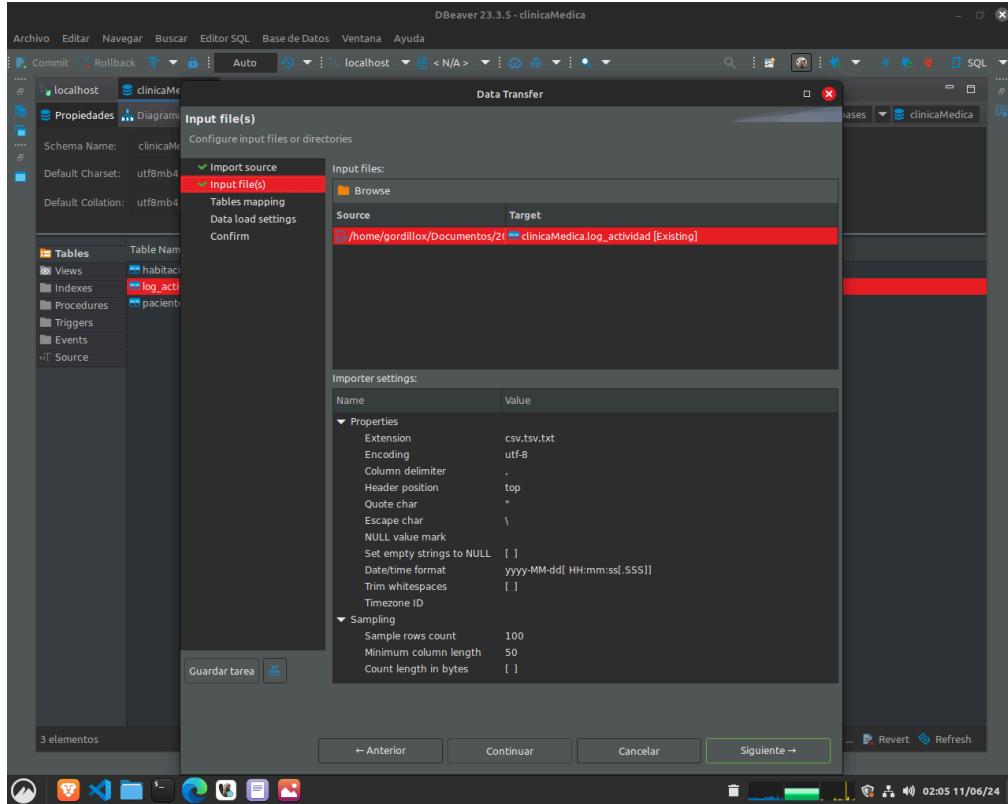
```

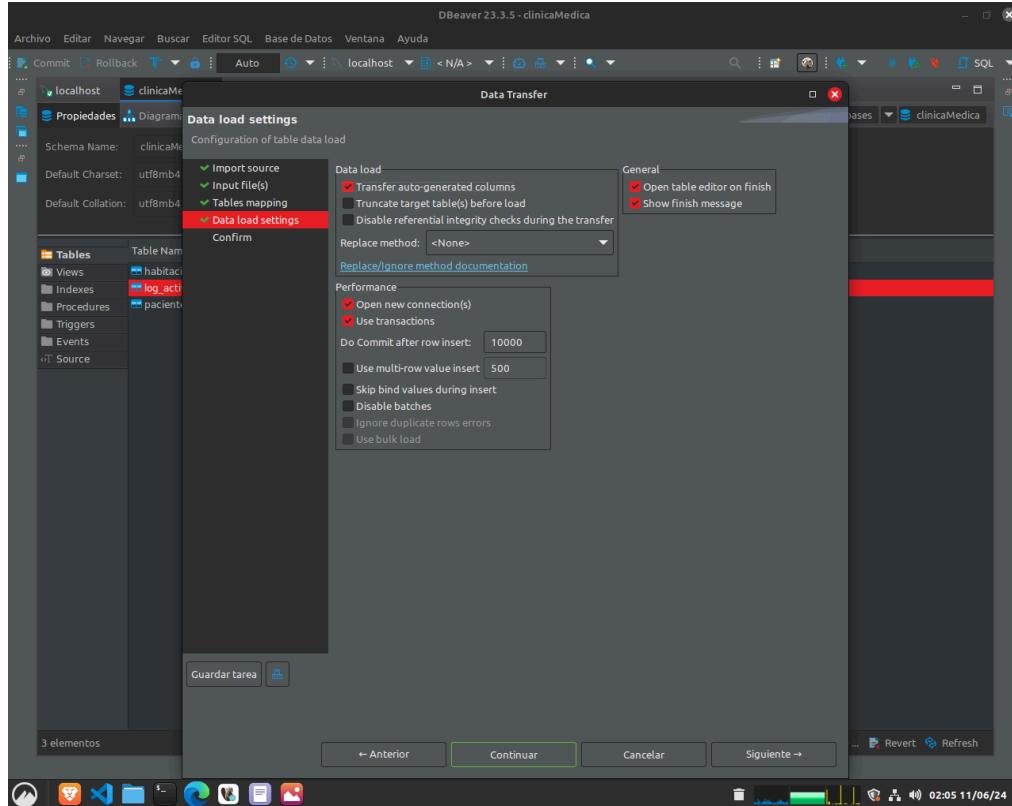


Actividad 4

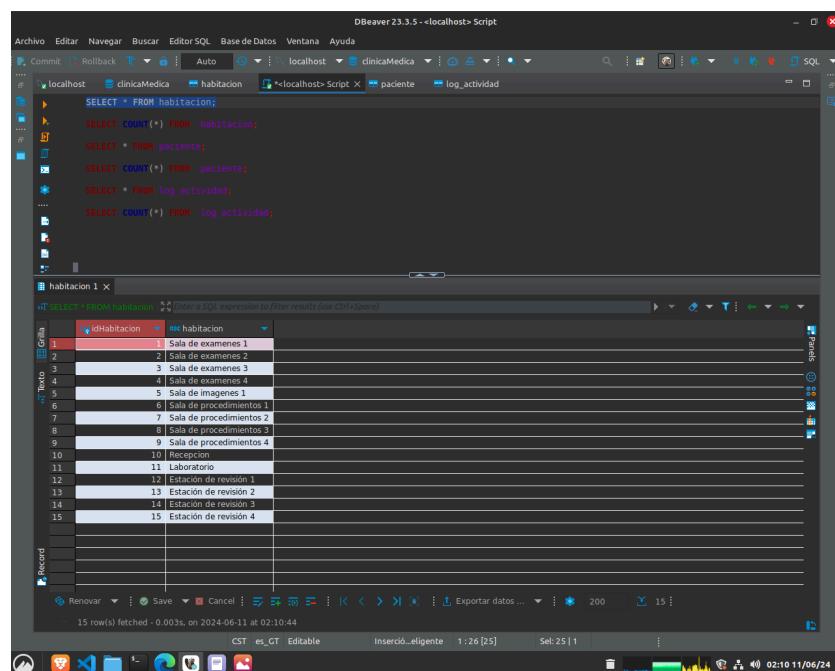
Carga de datos log_actividades_2





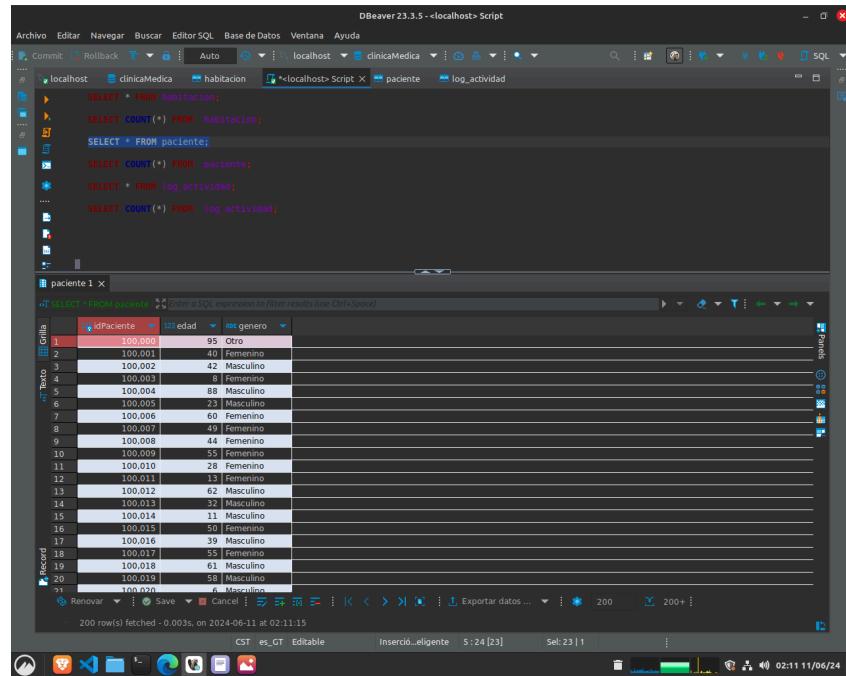


**SELECT * FROM
SELECT * FROM habitacion;**



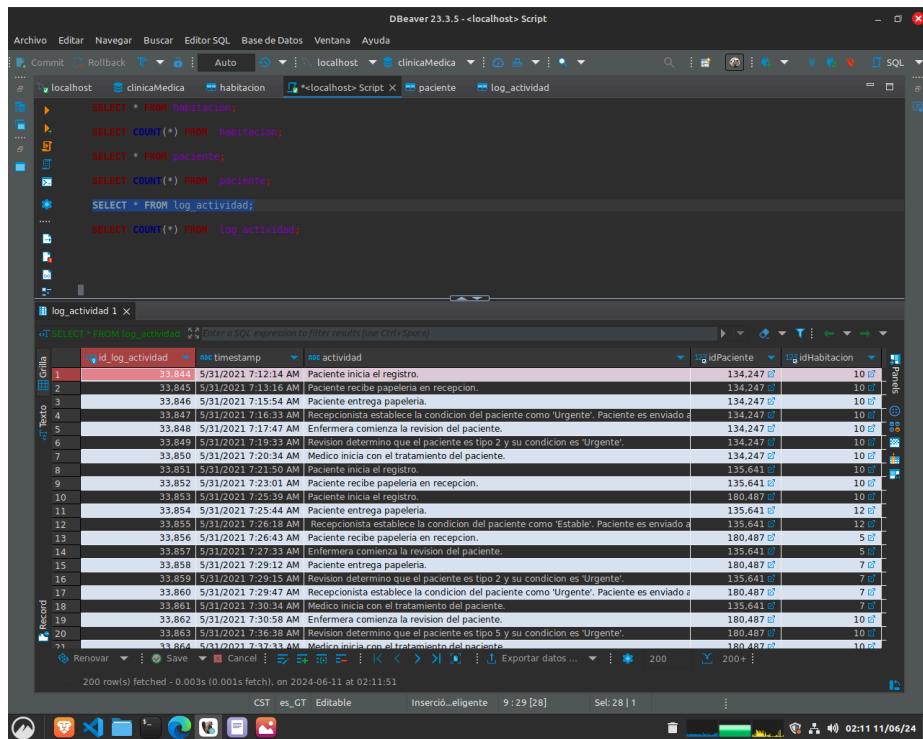
idHabitacion	nombre
1	Sala de exámenes 1
2	Sala de exámenes 2
3	Sala de exámenes 3
4	Sala de exámenes 4
5	Sala de imágenes 1
6	Sala de procedimientos 1
7	Sala de procedimientos 2
8	Sala de procedimientos 3
9	Sala de procedimientos 4
10	Recepción
11	Laboratorio
12	Estación de revisión 1
13	Estación de revisión 2
14	Estación de revisión 3
15	Estación de revisión 4

SELECT * FROM paciente;



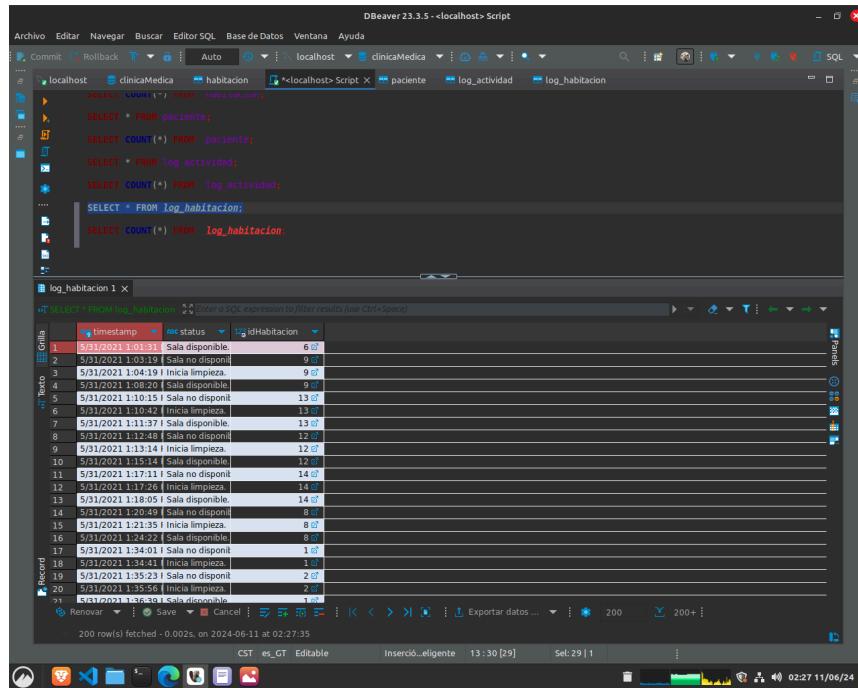
idPaciente	edad	genero
100.000	95	Otro
100.001	49	Masculino
100.002	42	Masculino
100.003	8	Femenino
100.004	88	Masculino
100.005	23	Masculino
100.006	60	Femenino
100.007	49	Femenino
100.008	44	Femenino
100.009	55	Femenino
100.010	28	Femenino
100.011	63	Masculino
100.012	62	Masculino
100.013	32	Masculino
100.014	11	Masculino
100.015	50	Femenino
100.016	39	Masculino
100.017	55	Femenino
100.018	61	Masculino
100.019	59	Masculino
100.020	6	Masculino

SELECT * FROM log_actividad;



id_log_actividad	timestamp	actividad	idPaciente	idHabitacion
1	5/31/2021 7:23:14 AM	Paciente inicia el registro.	134.247	10
2	5/31/2021 7:13:16 AM	Paciente recibe papelería en recepción.	134.247	10
3	5/31/2021 7:15:54 AM	Paciente entrega papelería.	134.247	10
4	5/31/2021 7:16:33 AM	Recepcionista establece la condición del paciente como 'Urgente'. Paciente es enviado a la habitación.	134.247	10
5	5/31/2021 7:17:47 AM	Enfermera comienza la revisión del paciente.	134.247	10
6	5/31/2021 7:19:33 AM	Revisión determinó que el paciente es tipo 2 y su condición es 'Urgente'.	134.247	10
7	5/31/2021 7:20:30 AM	Medico inicia con el tratamiento del paciente.	134.247	10
8	5/31/2021 7:21:50 AM	Paciente inicia el registro.	135.641	10
9	5/31/2021 7:23:01 AM	Paciente recibe papelería en recepción.	135.641	10
10	5/31/2021 7:25:39 AM	Paciente inicia el registro.	180.487	10
11	5/31/2021 7:25:54 AM	Paciente entrega papelería.	135.641	12
12	5/31/2021 7:26:18 AM	Recepcionista establece la condición del paciente como 'Estable'. Paciente es enviado a la habitación.	135.641	12
13	5/31/2021 7:26:43 AM	Paciente recibe papelería en recepción.	180.487	5
14	5/31/2021 7:27:33 AM	Enfermera comienza la revisión del paciente.	135.641	5
15	5/31/2021 7:29:12 AM	Paciente entrega papelería.	180.487	7
16	5/31/2021 7:29:15 AM	Revisión determinó que el paciente es tipo 2 y su condición es 'Urgente'.	135.641	7
17	5/31/2021 7:29:47 AM	Recepcionista establece la condición del paciente como 'Urgente'. Paciente es enviado a la habitación.	180.487	7
18	5/31/2021 7:30:34 AM	Medico inicia con el tratamiento del paciente.	135.641	7
19	5/31/2021 7:30:58 AM	Enfermera comienza la revisión del paciente.	180.487	10
20	5/31/2021 7:36:36 AM	Revisión determinó que el paciente es tipo 5 y su condición es 'Urgente'.	180.487	10
21	5/31/2021 7:37:33 AM	Medico inicia con el tratamiento del paciente.	180.487	10

SELECT * FROM log_habitacion;

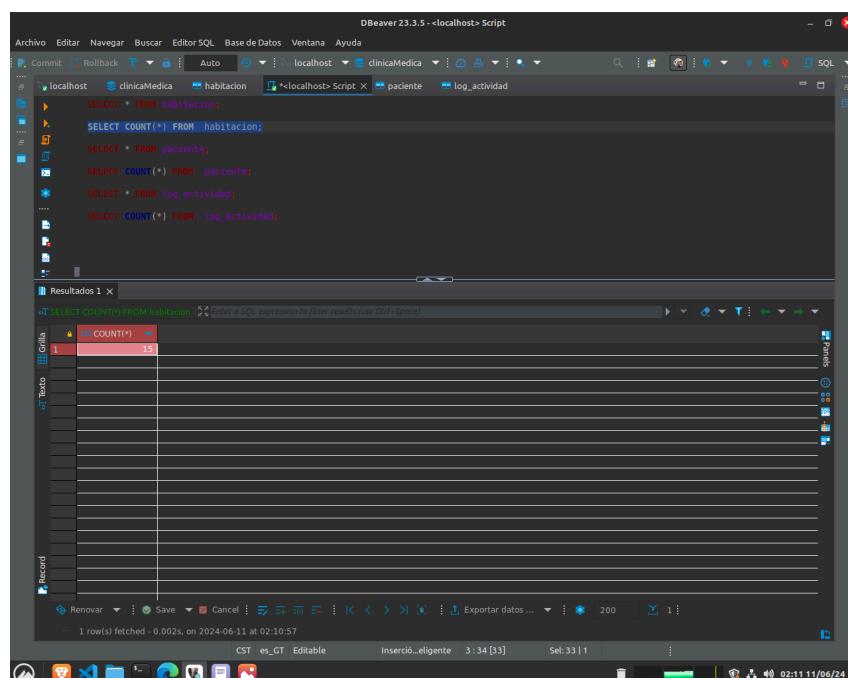


```
DBBeaver 23.3.5 - <localhost> Script
Archivo Editar Navegar Buscar Editor SQL Base de Datos Ventana Ayuda
localhost clínicaMedica habitacion <localhost> Script paciente log_actividad log_habitacion
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;

log_habitacion 1
RECORRIDO: SELECT * FROM log_habitacion
Enter a SQL expression to filter results (use Ctrl+Space)
Grida Texto
Record
Timestamp Status idHabitacion
1 5/31/2021 1:01:31 | Sala disponible. 6
2 5/31/2021 1:03:19 | Sala no disponible. 9
3 5/31/2021 1:04:19 | Inicia limpieza. 9
4 5/31/2021 1:08:20 | Sala disponible. 9
5 5/31/2021 1:10:15 | Sala disponible. 13
6 5/31/2021 1:11:27 | Inicia limpieza. 13
7 5/31/2021 1:13:27 | Sala disponible. 13
8 5/31/2021 1:12:40 | Sala no disponible. 12
9 5/31/2021 1:13:14 | Inicia limpieza. 12
10 5/31/2021 1:15:14 | Sala disponible. 12
11 5/31/2021 1:17:11 | Sala no disponible. 14
12 5/31/2021 1:17:26 | Inicia limpieza. 14
13 5/31/2021 1:18:05 | Sala disponible. 14
14 5/31/2021 1:20:49 | Sala no disponible. 8
15 5/31/2021 1:21:35 | Inicia limpieza. 8
16 5/31/2021 1:24:22 | Sala disponible. 8
17 5/31/2021 1:24:41 | Sala no disponible. 10
18 5/31/2021 1:24:41 | Inicia limpieza. 10
19 5/31/2021 1:35:23 | Sala no disponible. 2
20 5/31/2021 1:35:56 | Inicia limpieza. 2
21 5/31/2021 1:36:39 | Sala disponible. 1
Record Renovar Save Cancel Exportar datos ... 200 200+ 200 rows fetched - 0.002s, on 2024-06-11 at 02:27:35
CST es_GT Editable Inserció...eligente 13:30 [29] Sel: 29 | 1 02:27:11/06/24
```

SELECT COUNT(*) FROM

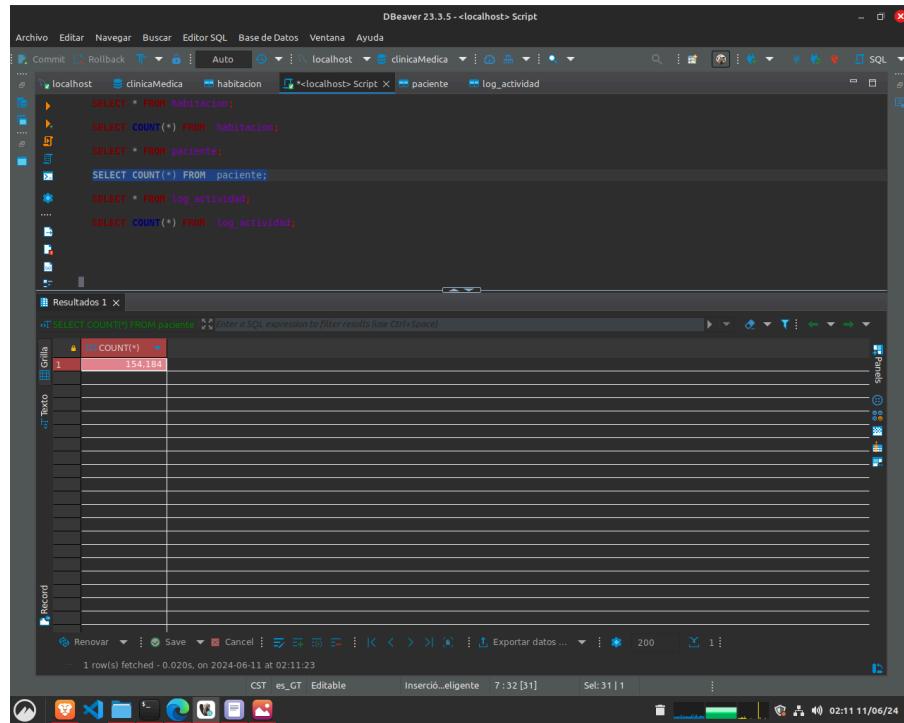
SELECT COUNT(*) habitacion



```
DBBeaver 23.3.5 - <localhost> Script
Archivo Editar Navegar Buscar Editor SQL Base de Datos Ventana Ayuda
localhost clínicaMedica habitacion <localhost> Script paciente log_actividad
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;

Resultados 1
RECORRIDO: SELECT COUNT(*) FROM habitacion
Enter a SQL expression to filter results (use Ctrl+Space)
Grida Texto
Record
COUNT()
1 15
Record Renovar Save Cancel Exportar datos ... 1 1 rows fetched - 0.002s, on 2024-06-11 at 02:10:57
CST es_GT Editable Inserció...eligente 3:34 [33] Sel: 33 | 1 02:11:11/06/24
```

SELECT COUNT(*) paciente



DBeaver 23.3.5 - <localhost> Script

```
Archivo Editar Navegar Buscar Editor SQL Base de Datos Ventana Ayuda
Commit Rollback Auto localhost clínicaMedica habitación <localhost> Script paciente log_actividad
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
```

Resultados 1 ×

Grilla
1 154.184

Record

Texto

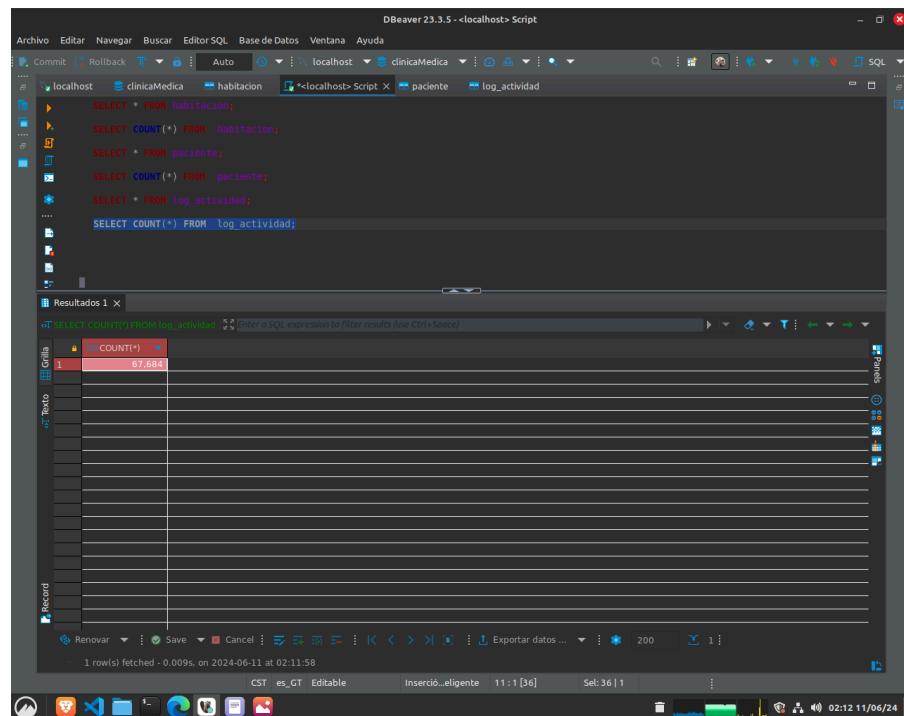
Renovar Save Cancel Exportar datos ... 200 1

1 row(s) fetched - 0.020s, on 2024-06-11 at 02:11:23

CST es_GT Editable Inserció...eligente 7:32 [31] Sel: 31 | 1

02:11 11/06/24

SELECT COUNT(*) log_actividad;



DBeaver 23.3.5 - <localhost> Script

```
Archivo Editar Navegar Buscar Editor SQL Base de Datos Ventana Ayuda
Commit Rollback Auto localhost clínicaMedica habitación <localhost> Script paciente log_actividad
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
```

Resultados 1 ×

Grilla
1 67.661

Record

Texto

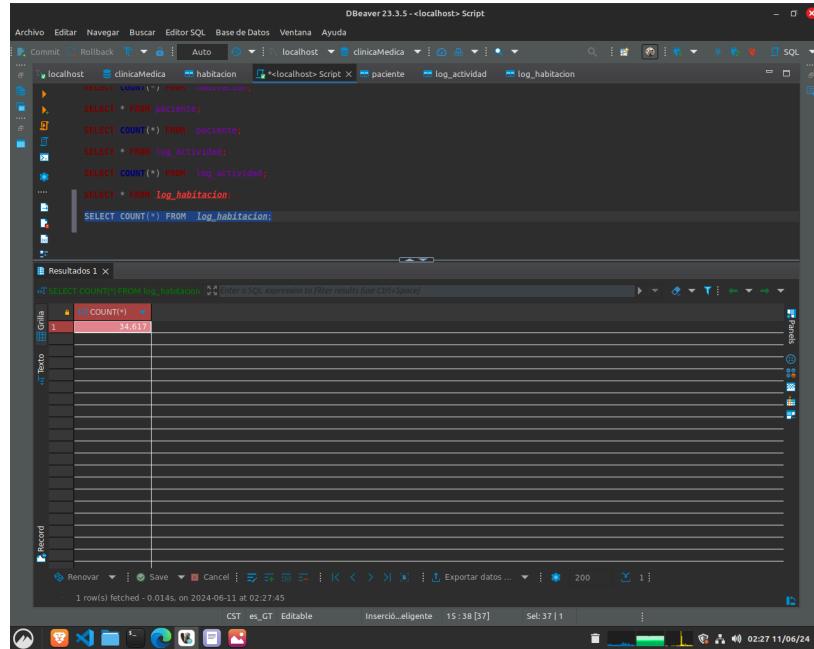
Renovar Save Cancel Exportar datos ... 200 1

1 row(s) fetched - 0.009s, on 2024-06-11 at 02:11:58

CST es_GT Editable Inserció...eligente 11:1 [36] Sel: 36 | 1

02:12 11/06/24

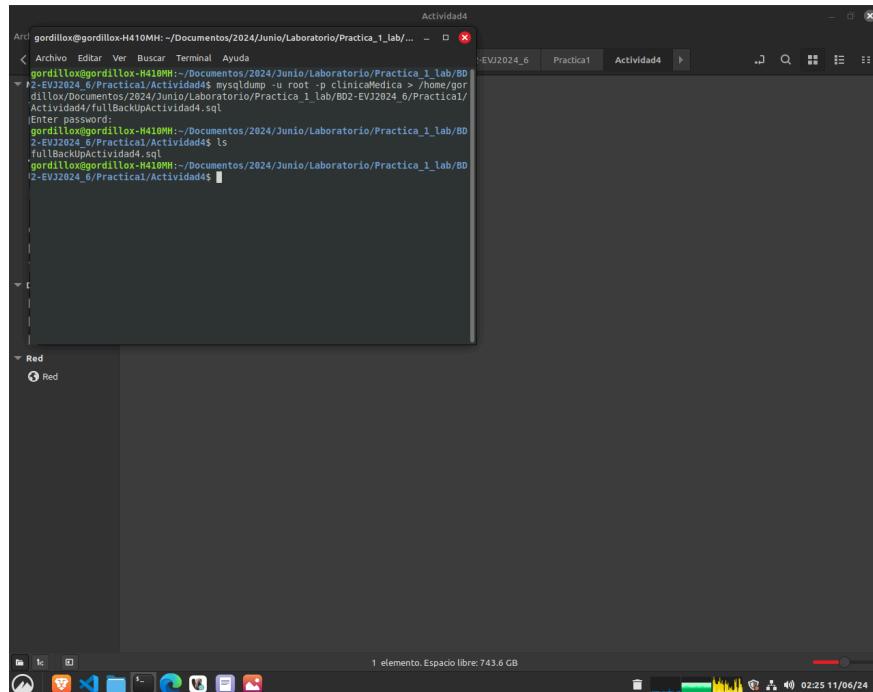
SELECT COUNT(*) log_habitacion;



```
DBeaver 23.3.5 ->localhost> Script
Archivo Editar Navegar Buscar Editor SQL Base de Datos Ventana Ayuda
localhost clinicaMedica habitacion <localhost> Script paciente log_actividad log_habitacion
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;

Resultados 1 x
SELECT COUNT(*) FROM log_habitacion
1 | 34.617 |
1 row(s) fetched - 0.014s. on 2024-06-11 at 02:27:11
CST e1_GT Editable Insercio...eligente 15 : 38 [37] Sel: 37 | 1
02:27:11/06/24
```

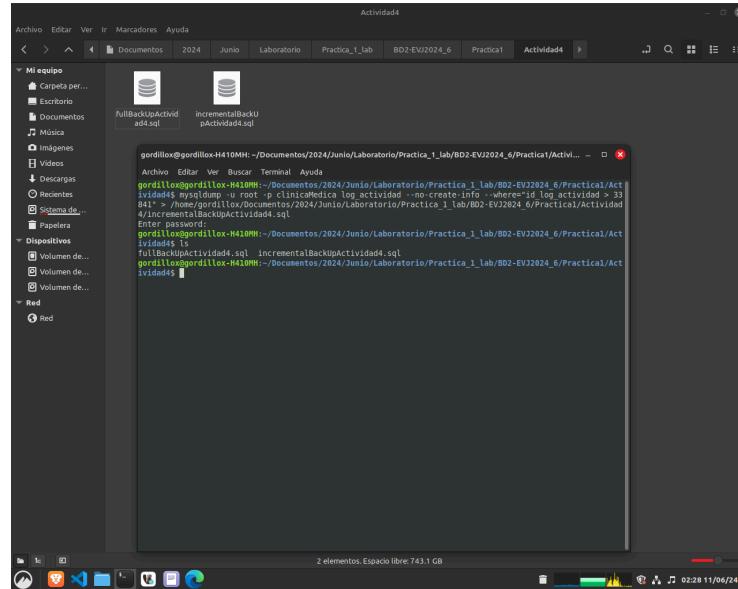
Creación Full Backup



```
gordillox@gordillox-H410MH: ~/Documentos/2024/Junio/Laboratorio/Practica_1_lab/... ~
< Archivo Editar Ver Buscar Terminal Ayuda
gordillox@gordillox-H410MH: ~/Documentos/2024/Junio/Laboratorio/Practica_1_lab/BD2-EVJ2024_6/Practica1/Actividad4/fullBackUpActividad4.sql
Enter password:
gordillox@gordillox-H410MH: ~/Documentos/2024/Junio/Laboratorio/Practica_1_lab/BD2-EVJ2024_6/Practica1/Actividad4 ls
fullBackupActividad4.sql
gordillox@gordillox-H410MH: ~/Documentos/2024/Junio/Laboratorio/Practica_1_lab/BD2-EVJ2024_6/Practica1/Actividad4
```

**mysql dump -u root -p clinicaMedica >
/home/gordillox/Documentos/2024/Junio/Laboratorio/Practica_1_lab/BD2-EVJ2024_6/
Practica1/Actividad4/fullBackUpActividad4.sql**

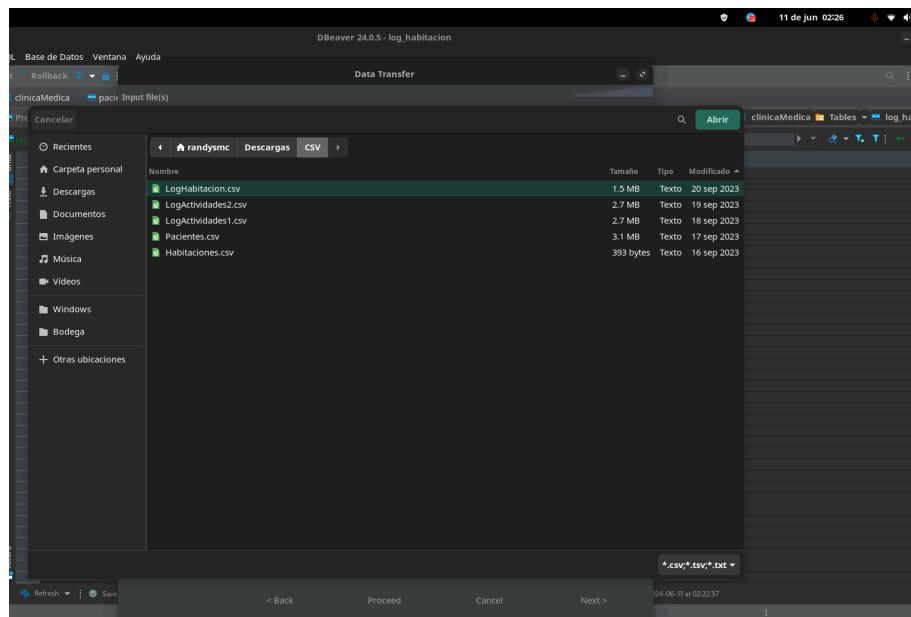
Creación Incremental Backup



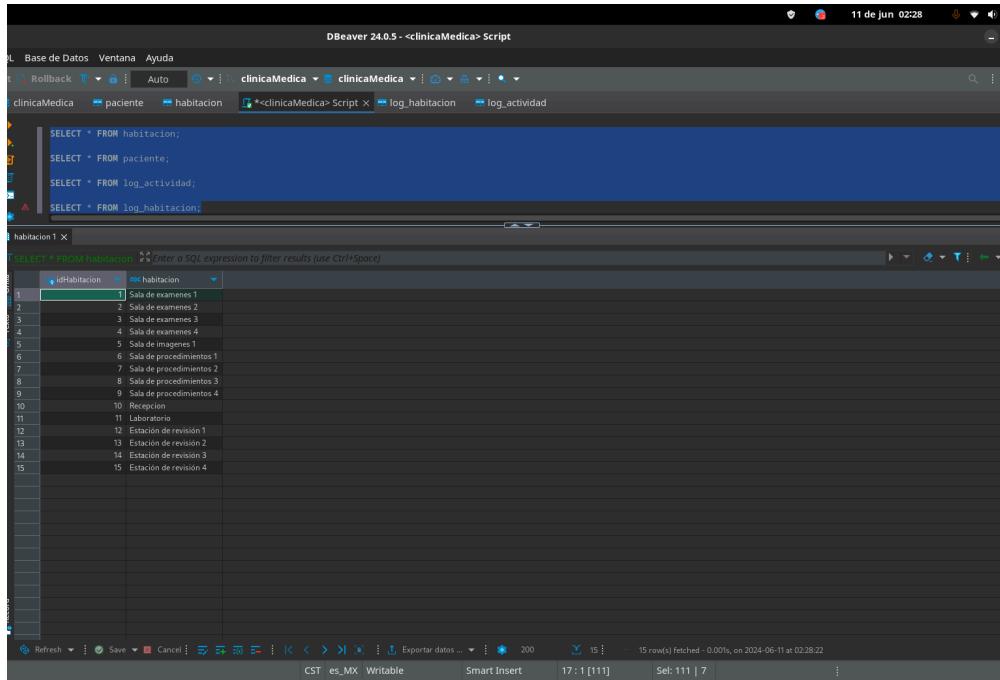
```
mysqldump -u root -p clinicaMedica log_actividad --no-create-info  
--where="id_log_actividad > 33841" >  
/home/gordillox/Documentos/2024/Junio/Laboratorio/Practica_1_lab/BD2-EVJ2024_6/  
Practica1/Actividad4/incrementalBackUpActividad4.sql
```

Actividad 5

Carga de datos de log_habitacion

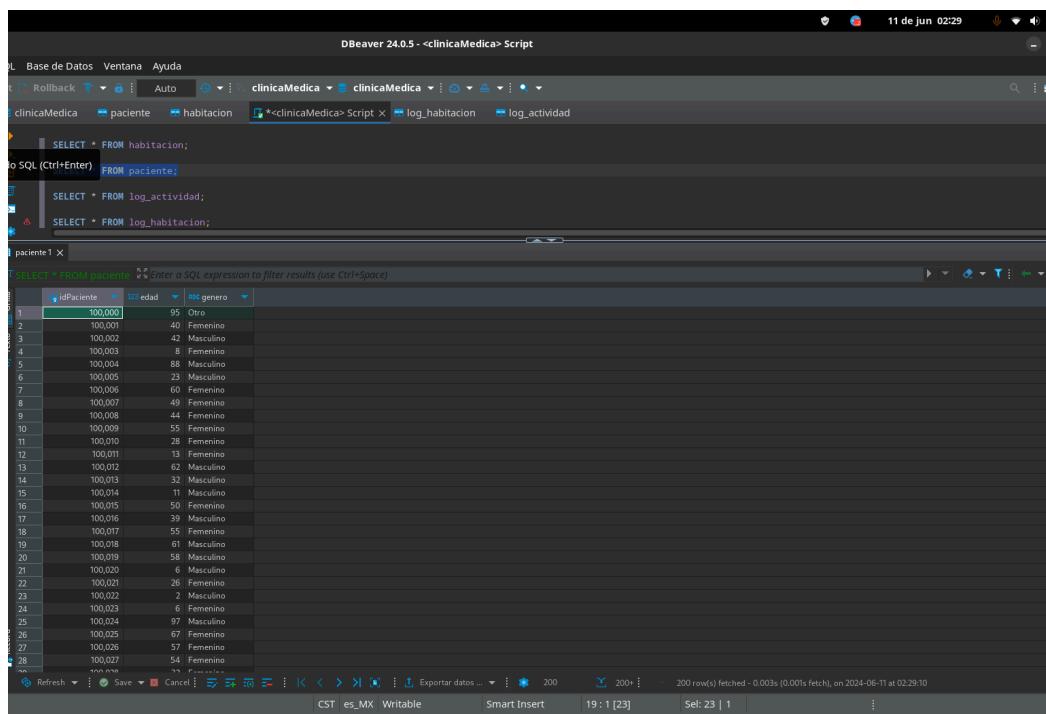


**SELECT * FROM
SELECT * FROM habitacion;**



idHabitacion	nombre
1	Sala de exámenes 1
2	Sala de exámenes 2
3	Sala de exámenes 3
4	Sala de exámenes 4
5	Sala de procedimientos 1
6	Sala de procedimientos 2
7	Sala de procedimientos 3
8	Sala de procedimientos 4
9	Recepción
10	Laboratorio
11	Estación de revisión 1
12	Estación de revisión 2
13	Estación de revisión 3
14	Estación de revisión 4
15	

SELECT * FROM paciente;



idPaciente	edad	genero
100.000	05	Otro
100.001	40	Femenino
100.002	42	Masculino
100.003	8	Femenino
100.004	88	Masculino
100.005	23	Masculino
100.006	60	Femenino
100.007	49	Femenino
100.008	44	Femenino
100.009	55	Femenino
100.010	28	Femenino
100.011	13	Femenino
100.012	63	Masculino
100.013	32	Masculino
100.014	11	Masculino
100.015	50	Femenino
100.016	39	Masculino
100.017	55	Femenino
100.018	61	Masculino
100.019	58	Masculino
100.020	6	Masculino
100.021	26	Femenino
100.022	2	Masculino
100.023	9	Femenina
100.024	97	Masculino
100.025	67	Femenina
100.026	57	Femenina
100.027	54	Femenina

SELECT * FROM log_actividad;

DBeaver 24.0.5 - <clínicaMedica> Script

```
SELECT * FROM habitacion;
SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;
```

log_actividad 1

Table: log_actividad

	id_log_actividad	timestamp	mc_actividad	idPaciente	idHabitacion
1	1	5/3/2021 7:15:24 AM	Paciente inicia el registro.	134,247	10
2	2	5/3/2021 7:18:16 AM	Paciente recibe papelera en recepción.	134,247	10
3	3	5/3/2021 7:15:54 AM	Paciente entrega papelera.	134,247	10
4	4	5/3/2021 7:16:33 AM	Recepcionista establece la condición del paciente como 'Urgente'. Paciente es enviado a la sala de espera para esperar revisión.	134,247	10
5	5	5/3/2021 7:17:47 AM	Enfermera comienza la revisión del paciente.	134,247	10
6	6	5/3/2021 7:20:34 AM	Revisión determina que el paciente es tipo 2 y su condición es 'Urgente'.	134,247	10
7	7	5/3/2021 7:20:34 AM	Medico inicia con el tratamiento del paciente.	134,247	10
8	8	5/3/2021 7:20:34 AM	Paciente completa su tratamiento.	134,247	10
9	9	5/3/2021 7:20:34 AM	Paciente inicia el registro.	135,641	10
10	10	5/3/2021 7:25:39 AM	Paciente recibe papelera en recepción.	180,487	10
11	11	5/3/2021 7:25:44 AM	Paciente entrega papelera.	135,641	12
12	12	5/3/2021 7:26:16 AM	Recepcionista establece la condición del paciente como 'Estable'. Paciente es enviado a la sala de espera para esperar revisión.	135,641	12
13	13	5/3/2021 7:26:43 AM	Paciente recibe papelera en recepción.	180,487	5
14	14	5/3/2021 7:27:33 AM	Enfermera comienza la revisión del paciente.	135,641	5
15	15	5/3/2021 7:29:15 AM	Paciente completa su tratamiento.	180,487	7
16	16	5/3/2021 7:29:47 AM	Revisión determina que el paciente es tipo 2 y su condición es 'Urgente'.	135,641	7
17	17	5/3/2021 7:29:47 AM	Recepcionista establece la condición del paciente como 'Urgente'. Paciente es enviado a la sala de espera para esperar revisión.	180,487	7
18	18	5/3/2021 7:30:34 AM	Medico inicia con el tratamiento del paciente.	135,641	7
19	19	5/3/2021 7:30:58 AM	Enfermera comienza la revisión del paciente.	180,487	10
20	20	5/3/2021 7:36:38 AM	Revisión determina que el paciente es tipo 5 y su condición es 'Urgente'.	180,487	10
21	21	5/3/2021 7:37:33 AM	Medico inicia con el tratamiento del paciente.	180,487	10
22	22	5/3/2021 7:39:15 AM	Paciente completa su tratamiento. Se solicita tomar muestras del laboratorio.	134,247	10
23	23	5/3/2021 7:39:47 AM	Enfermera completa su revisión.	134,247	10
24	24	5/3/2021 7:42:34 AM	Muestra entregada al laboratorio.	134,247	10
25	25	5/3/2021 7:44:00 AM	Paciente inicia su egreso.	134,247	4
26	26	5/3/2021 7:47:24 AM	Paciente inicia el registro.	137,931	4
27	27	5/3/2021 7:47:24 AM	Paciente completa su registro.	134,247	4
28	28	5/3/2021 7:48:42 AM	Paciente recibe papelera en recepción.	137,931	4

200 rows fetched - 0.002s, on 2024-06-11 at 02:29:22

SELECT * FROM log_habitacion;

DBeaver 24.0.5 - <clínicaMedica> Script

```
SELECT * FROM habitacion;
SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;
```

log_habitacion 1

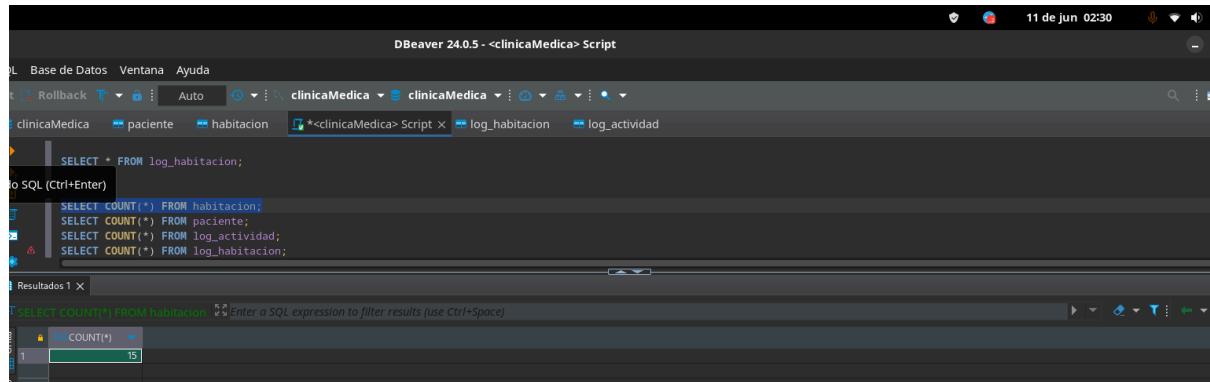
Table: log_habitacion

	timestamp	mc_status	idHabitacion
1	5/3/2021 1:01:31 PM	Sala disponible.	6
2	5/3/2021 1:03:19 PM	Sala disponible.	9
3	5/3/2021 1:04:19 PM	Inicia limpieza.	9
4	5/3/2021 1:06:30 PM	Sala disponible.	9
5	5/3/2021 1:06:30 PM	Sala no disponible.	13
6	5/3/2021 1:06:42 PM	Inicia limpieza.	13
7	5/3/2021 1:13:37 PM	Sala disponible.	13
8	5/3/2021 1:13:45 PM	Sala no disponible.	12
9	5/3/2021 1:14:14 PM	Inicia limpieza.	12
10	5/3/2021 1:15:14 PM	Sala disponible.	12
11	5/3/2021 1:21:11 PM	Sala no disponible.	14
12	5/3/2021 1:21:26 PM	Inicia limpieza.	14
13	5/3/2021 1:26:05 PM	Sala disponible.	14
14	5/3/2021 1:26:49 PM	Sala no disponible.	8
15	5/3/2021 1:28:35 PM	Inicia limpieza.	8
16	5/3/2021 1:28:22 PM	Sala disponible.	8
17	5/3/2021 1:34:01 PM	Sala no disponible.	1
18	5/3/2021 1:34:41 PM	Inicia limpieza.	1
19	5/3/2021 1:35:23 PM	Sala no disponible.	2
20	5/3/2021 1:35:56 PM	Inicia limpieza.	2
21	5/3/2021 1:36:39 PM	Sala disponible.	1
22	5/3/2021 1:36:52 PM	Sala no disponible.	6
23	5/3/2021 1:37:28 PM	Inicia limpieza.	6
24	5/3/2021 1:38:50 PM	Sala disponible.	2
25	5/3/2021 1:43:17 PM	Sala disponible.	6
26	5/3/2021 1:49:32 PM	Sala no disponible.	12
27	5/3/2021 1:49:58 PM	Inicia limpieza.	12
28	5/3/2021 1:50:44 PM	Sala disponible.	12

200 rows fetched - 0.003s (0.001s fetch), on 2024-06-11 at 02:29:33

SELECT COUNT(*) FROM

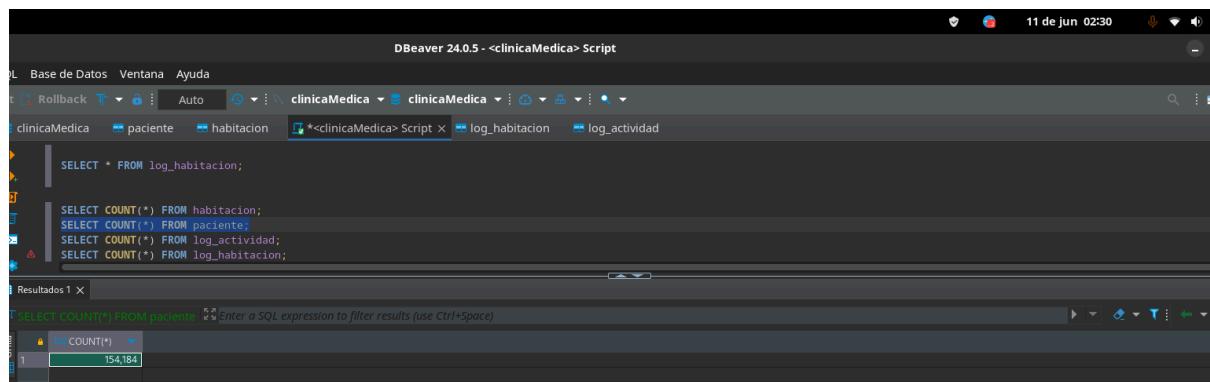
SELECT COUNT(*) FROM habitacion;



```
SELECT COUNT(*) FROM habitacion;
```

Resultados 1
15

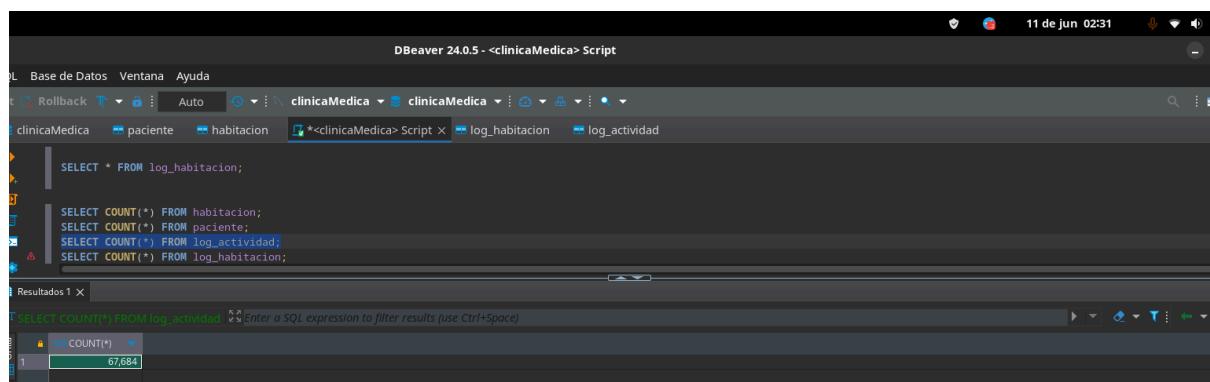
SELECT COUNT(*) FROM paciente;



```
SELECT COUNT(*) FROM paciente;
```

Resultados 1
154.184

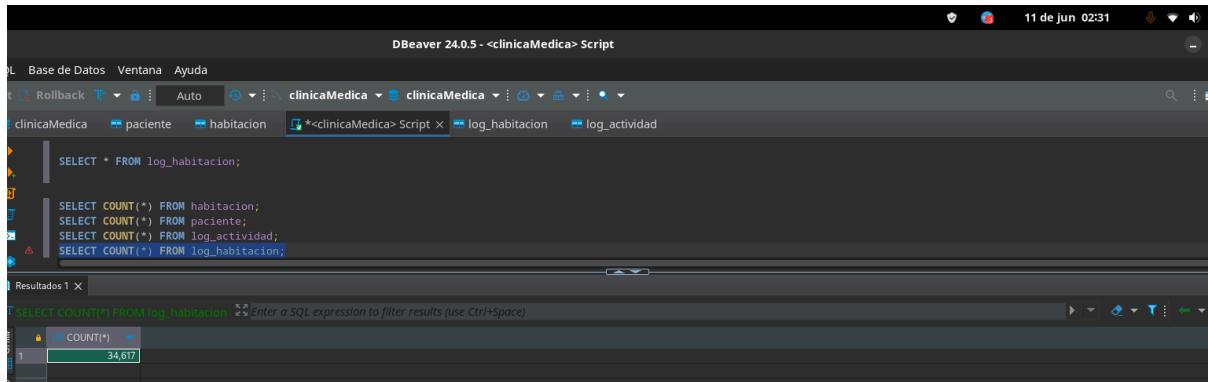
SELECT COUNT(*) FROM log_actividad;



```
SELECT COUNT(*) FROM log_actividad;
```

Resultados 1
67.684

SELECT COUNT(*) FROM log_habitacion;



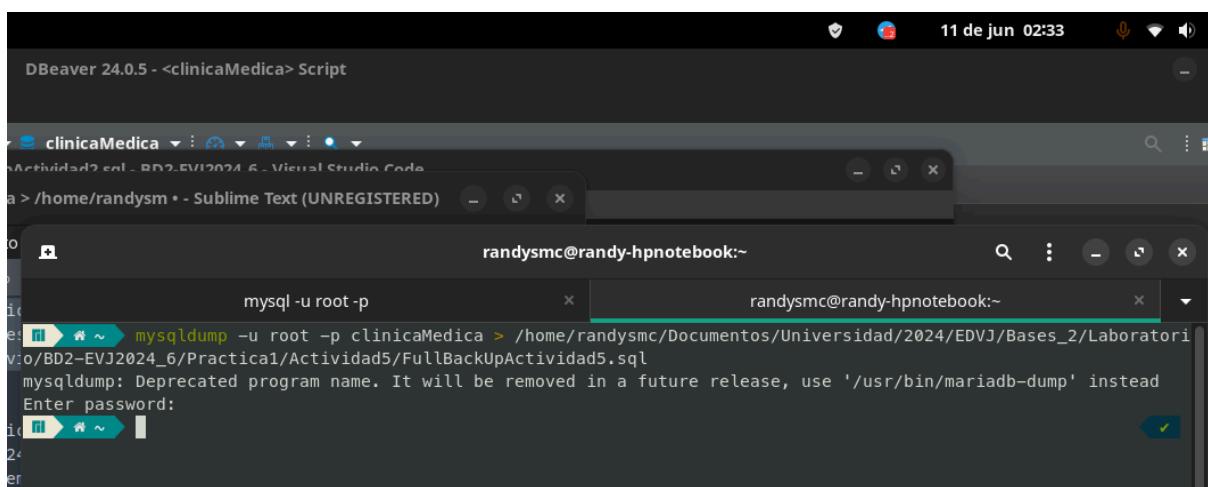
DBeaver 24.0.5 - <clinicaMedica> Script

```
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT COUNT(*) FROM paciente;
SELECT COUNT(*) FROM log_actividad;
SELECT COUNT(*) FROM log_habitacion;
```

Resultados 1 ×

SQL COUNT(*)	Count(*)
SELECT COUNT(*) FROM log_habitacion	34,617

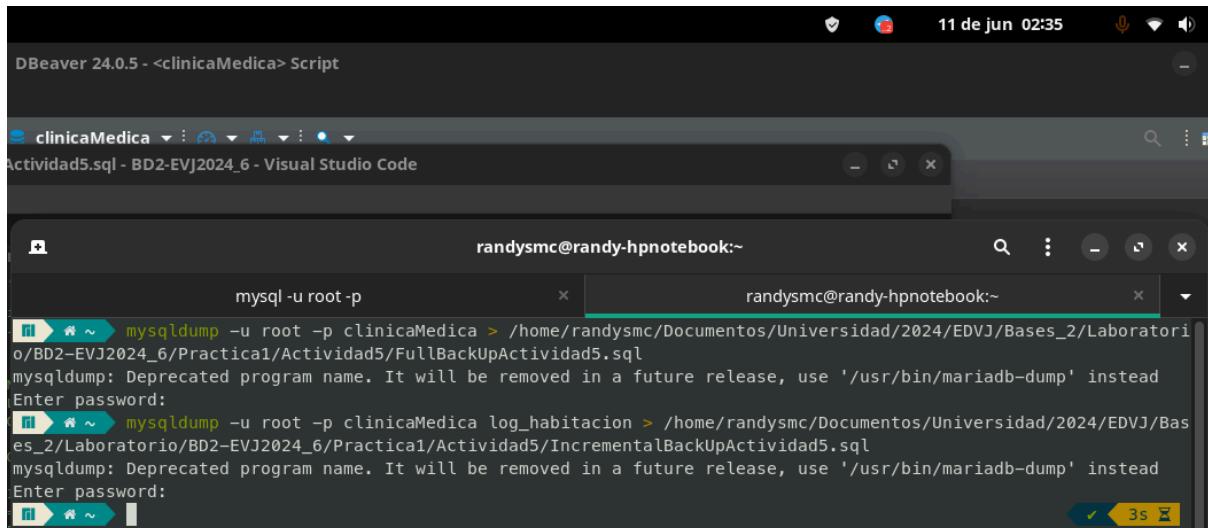
Creación de Full Backup



```
mysql -u root -p
mysqldump -u root -p clinicaMedica > /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad5/FullBackUpActividad5.sql
mysqldump: Deprecate program name. It will be removed in a future release, use '/usr/bin/mariadb-dump' instead
Enter password:
```

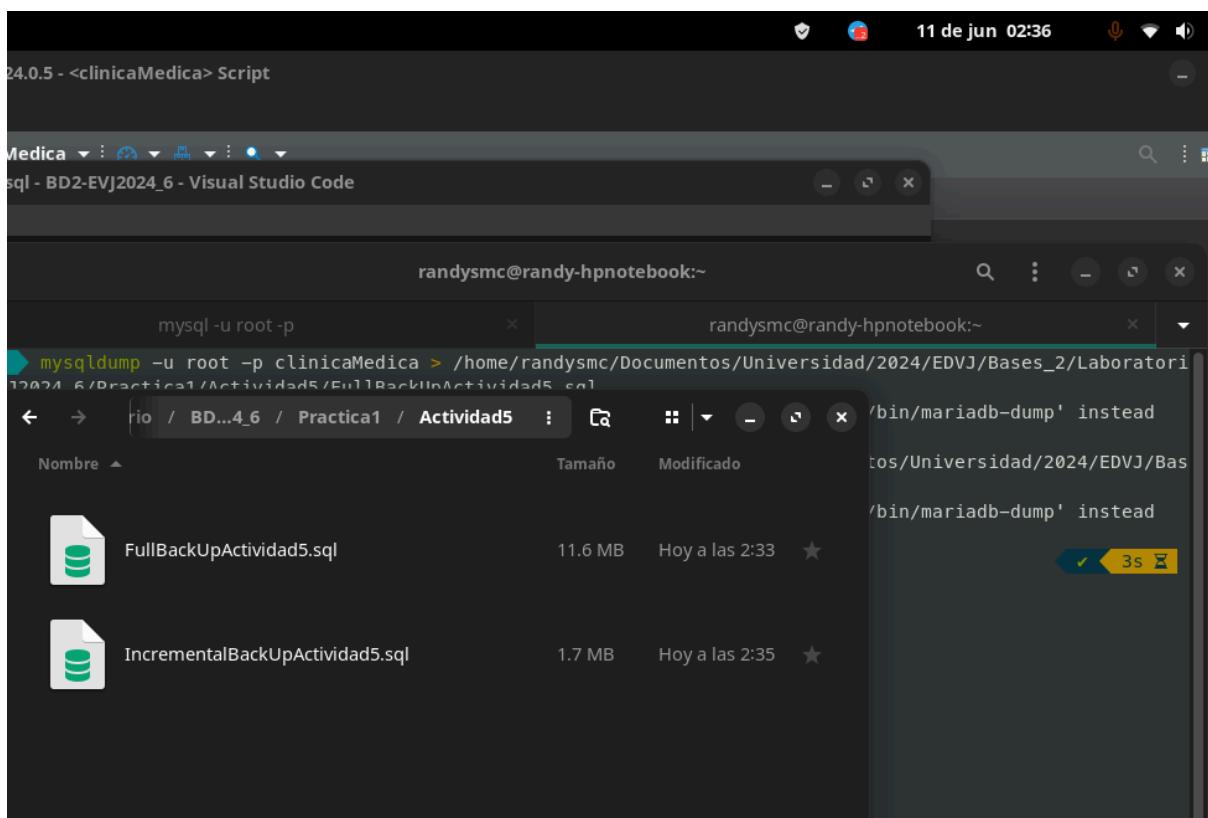
**mysqldump -u root -p clinicaMedica >
/home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2
024_6/Practica1/Actividad5/FullBackUpActividad5.sql**

Creación de Incremental Backup



```
mysql -u root -p clinicaMedica paciente > /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad5/FullBackUpActividad5.sql
mysqldump: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb-dump' instead
Enter password:
mysql -u root -p clinicaMedica log_habitacion > /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad5/IncrementalBackUpActividad5.sql
mysqldump: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb-dump' instead
Enter password:
```

**mysqldump -u root -p clinicaMedica paciente >
/home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad5/incrementalBackUpActividad5.sql**

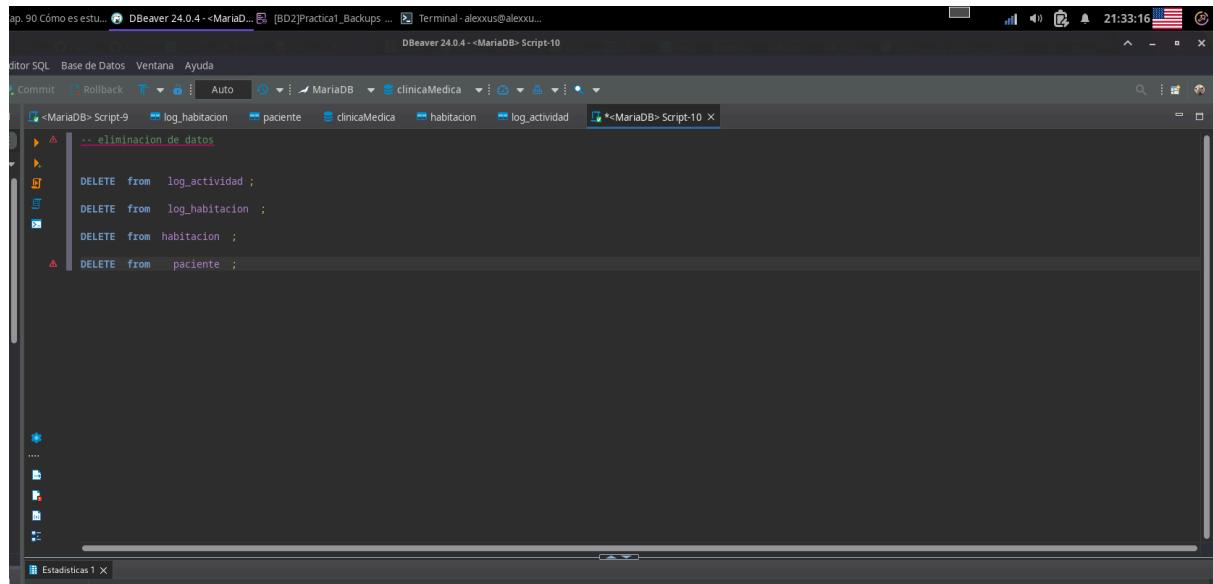


Nombre	Tamaño	Modificado
FullBackUpActividad5.sql	11.6 MB	Hoy a las 2:33
IncrementalBackUpActividad5.sql	1.7 MB	Hoy a las 2:35

Restauración de Full backup

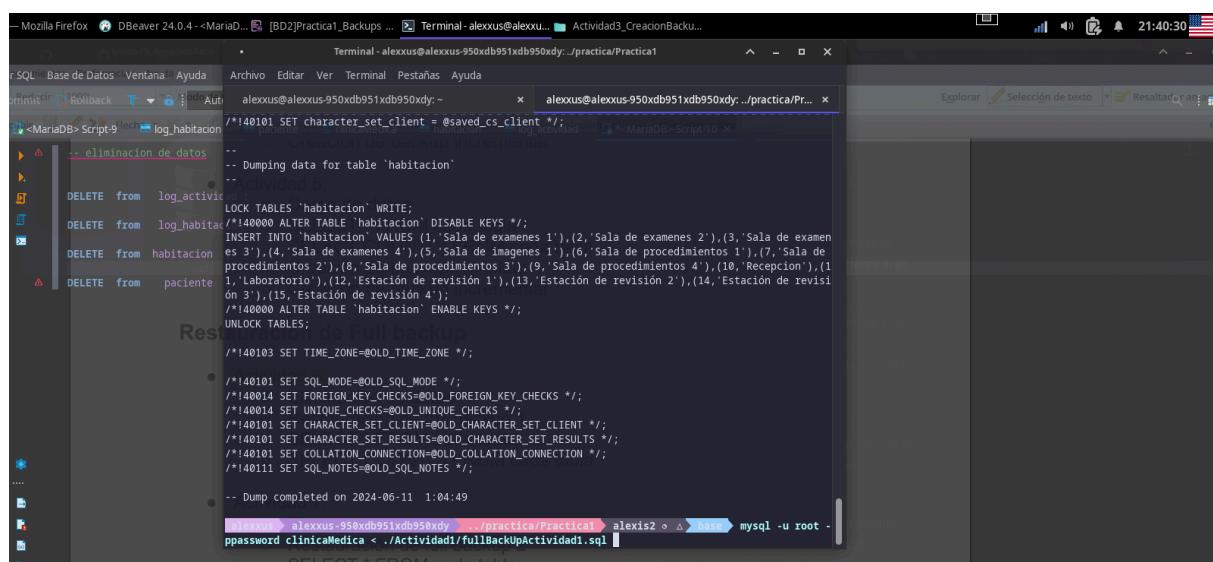
Actividad 6

Eliminación de datos



```
-- eliminacion_de_datos
DELETE from log_actividad ;
DELETE from log_habitacion ;
DELETE from habitacion ;
DELETE from paciente ;
```

Restauración de Full Backup Actividad 1



```
-- Dumping data for table 'habitacion'
-- Dumping data for table 'habitacion'
LOCK TABLES `habitacion` WRITE;
DELETE from log_actividad ;
DELETE from log_habitacion ;
DELETE from habitacion ;
DELETE from paciente ;
/*!40101 SET character_set_client = @saved_cs_client */;
/*!40000 ALTER TABLE `habitacion` DISABLE KEYS */;
INSERT INTO `habitacion` VALUES (1,'Sala de exámenes 1'),(2,'Sala de exámenes 2'),(3,'Sala de exámenes 3'),(4,'Sala de exámenes 4'),(5,'Sala de imágenes 1'),(6,'Sala de procedimientos 1'),(7,'Sala de procedimientos 2'),(8,'Sala de procedimientos 3'),(9,'Sala de procedimientos 4'),(10,'Recepción'),(11,'Laboratorio'),(12,'Estación de revisión 1'),(13,'Estación de revisión 2'),(14,'Estación de revisión 3'),(15,'Estación de revisión 4');
/*!40000 ALTER TABLE `habitacion` ENABLE KEYS */;
UNLOCK TABLES;
/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;

-- Dump completed on 2024-06-11 1:04:49
```

```
mysql -u root -ppassword clinicaMedica <
./Practica1/Actividad1/fullBackUpActividad1.sql
```

The screenshot shows a DBBeaver interface with a terminal window open. The terminal window title is "Terminal - alexxus@alexkus-950xdb951xdb950xdy: /practica/Practical". The terminal content displays a series of SQL commands for creating a backup of a database named "clinicaMedica" and restoring it to a new database "alexius2". The commands include locking tables, deleting data from log tables, and running a backup script. A warning message about the deprecated "mysql" command is visible. The terminal also shows the completion of the dump process on 2024-06-11 at 1:04:49.

```
LOCK TABLES `habitacion` WRITE;
/*140000 ALTER TABLE `habitacion` DISABLE KEYS */;
INSERT INTO `habitacion` VALUES (1,'Sala de exámenes 1'),(2,'Sala de exámenes 2'),(3,'Sala de examen 3'),(4,'Sala de exámenes 4'),(5,'Sala de imágenes 1'),(6,'Sala de procedimientos 1'),(7,'Sala de procedimientos 3'),(8,'Sala de procedimientos 3'),(9,'Sala de procedimientos 4'),(10,'Recepción'),(11,'Laboratorio'),(12,'Estación de revisión 1'),(13,'Estación de revisión 2'),(14,'Estación de revisión 3'),(15,'Estación de revisión 4');
/*140000 ALTER TABLE `habitacion` ENABLE KEYS */;

DELETE FROM log_habitacion;
DELETE FROM log_actividad;
DELETE FROM paciente;
DELETE FROM habitacion;
UNLOCK TABLES;

DELETE FROM paciente /*140103 SET TIME_ZONE=OLD_TIME_ZONE */;

-- Dump completed on 2024-06-11 1:04:49

alexkus@alexkus-950xdb951xdb950xdy ~ /practica/Practical alexius2 ▶ mysql -u root -p
password clinicaMedica < ./Actividad3/fullBackupActividad1.sql
mysql: Deprecation warning: Program name 'mysql' will be removed in a future release, use '/usr/bin/mariadb' instead

alexkus@alexkus-950xdb951xdb950xdy ~ /practica/Practical alexius2 ▶ mysql -u root -p
SELECT * FROM cada tabla
SELECT COUNT() FROM cada tabla
```

SELECT * FROM

SELECT * FROM habitacion;

The screenshot shows the DBeaver interface with the following details:

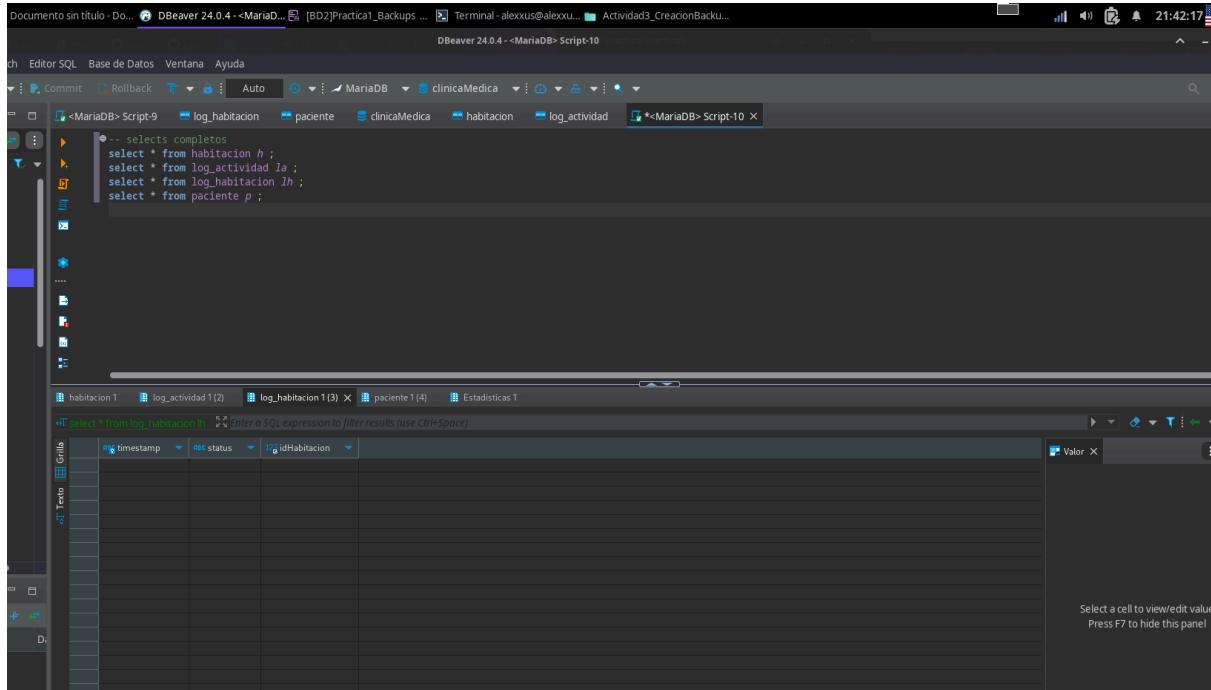
- Top Bar:** Shows the title "DBeaver 24.0.4 - <MySQL> - BD2 Practica1_Backups ...", a terminal window, and the date "21:41:54".
- Toolbar:** Includes icons for SQL, Base de Datos, Ventana, Ayuda, Commit, Rollback, Auto, and various navigation and search icons.
- Script Editor:** Displays a script named "Script-9" containing a series of SELECT statements:

```
-- selects completos
select * from habitacion h ;
select * from log_actividad la ;
select * from log_habitacion lh ;
select * from paciente p ;
```

- Table Grid:** A "habitacion" table is displayed with the following data:

	idHabitacion	habitacion
1	1	Sala de exámenes 1
2	2	Sala de exámenes 2
3	3	Sala de exámenes 3
4	4	Sala de exámenes 4
5	5	Sala de imágenes 1
6	6	Sala de procedimiento
7	7	Sala de procedimiento
8	8	Sala de procedimiento
9	9	Sala de procedimiento
10	10	Recepción
11	11	Laboratorio
12	12	Estación de revisión 1
13	13	Estación de revisión 2
14	14	Estación de revisión 3
15	15	Estación de revisión 4

SELECT * FROM log_habitacion;

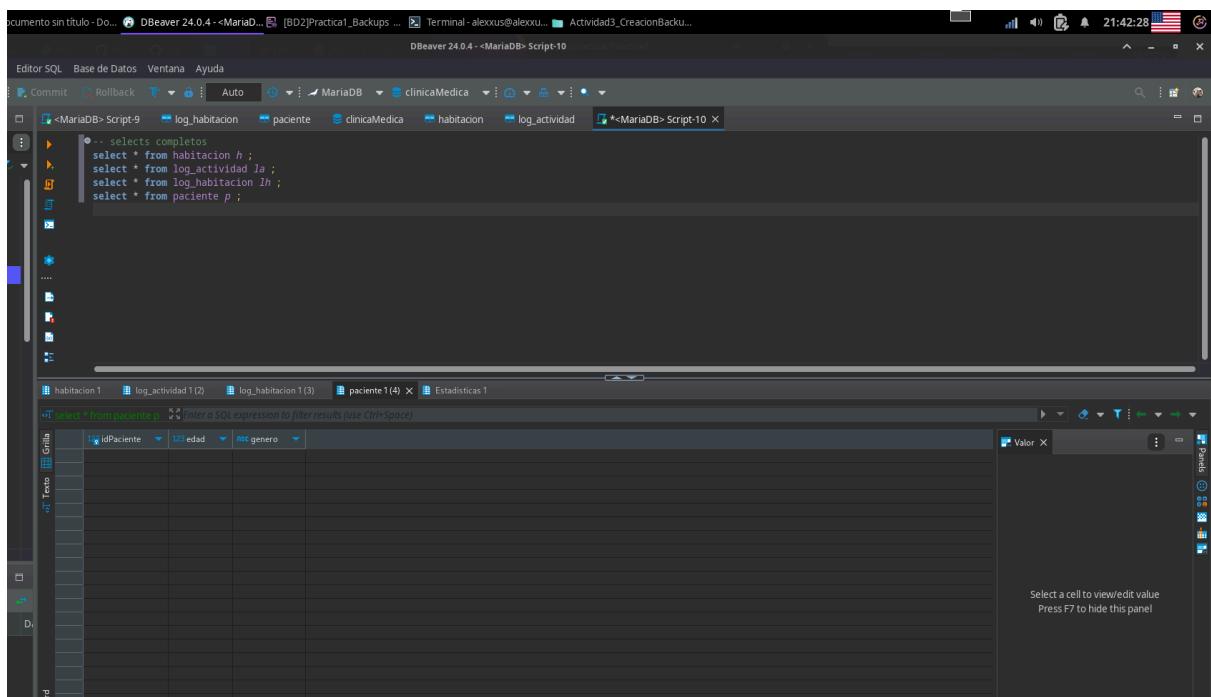


The screenshot shows the DBeaver interface with the following details:

- Top bar: Documento sin título - Do..., DBBeaver 24.0.4 - <MariaDB>, BD2\Práctica1_Backups..., Terminal - alexxus@alexusu..., Actividad3_CreacionBackup...
- Toolbar: Editor SQL, Base de Datos, Ventana, Ayuda.
- Script Editor: Script-9 (log_habitacion) contains the query:

```
-- selects completos
select * from habitacion h ;
select * from log_actividad la ;
select * from log_habitacion lh ;
select * from paciente p ;
```
- Script Editor: Script-10 is currently selected.
- Result Grid: Shows the results of the query. The first row has columns: timestamp, status, idHabitacion. The value for idHabitacion is 1.
- Right panel: A "Valor" (Value) panel with the message: "Select a cell to view/edit value. Press F7 to hide this panel".

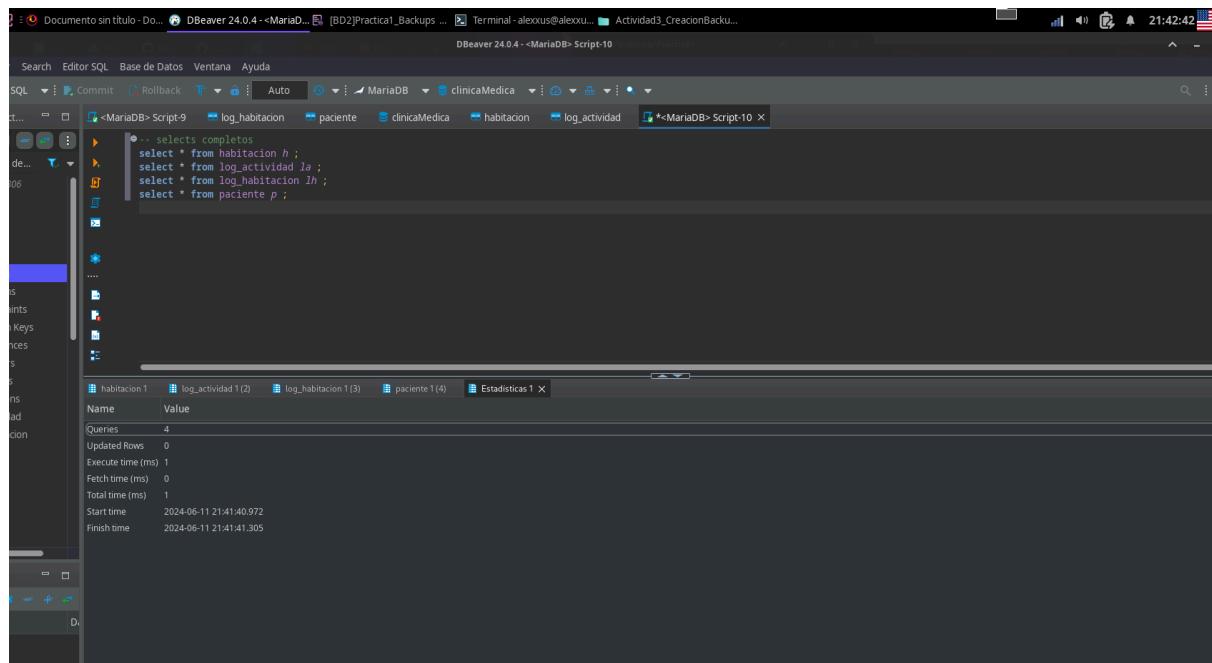
SELECT * FROM paciente;



The screenshot shows the DBeaver interface with the following details:

- Top bar: Documento sin título - Do..., DBBeaver 24.0.4 - <MariaDB>, BD2\Práctica1_Backups..., Terminal - alexxus@alexusu..., Actividad3_CreacionBackup...
- Toolbar: Editor SQL, Base de Datos, Ventana, Ayuda.
- Script Editor: Script-9 (log_habitacion) contains the query:

```
-- selects completos
select * from habitacion h ;
select * from log_actividad la ;
select * from log_habitacion lh ;
select * from paciente p ;
```
- Script Editor: Script-10 is currently selected.
- Result Grid: Shows the results of the query. The first row has columns: idPaciente, edad, genero. The values are 1, 23, and H.
- Right panel: A "Valor" (Value) panel with the message: "Select a cell to view/edit value. Press F7 to hide this panel".

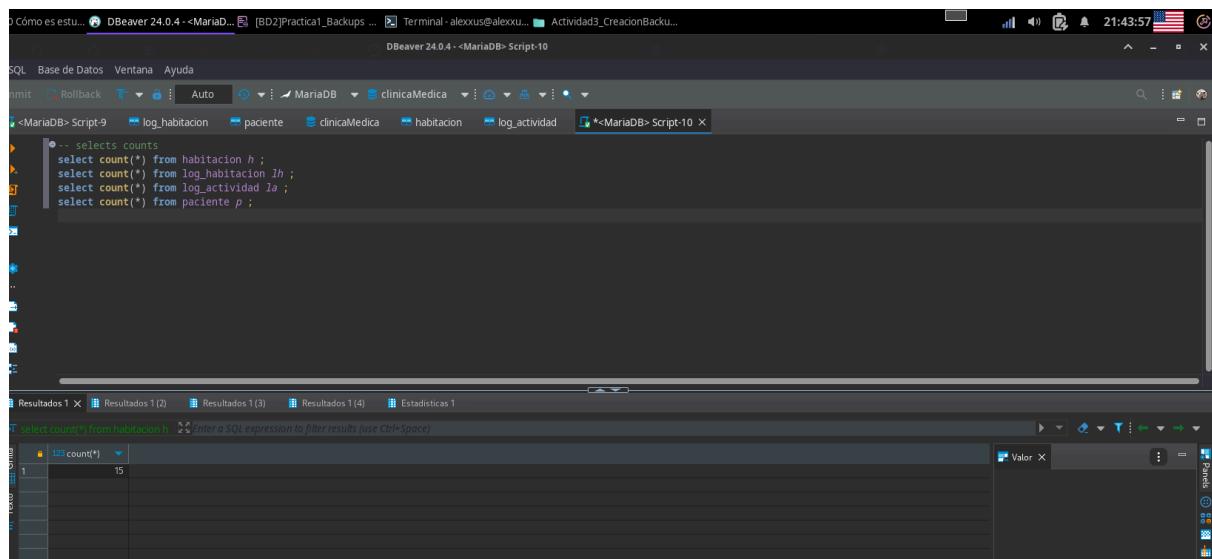


The screenshot shows the DBBeaver interface with a query script in the SQL tab. The script contains several SELECT statements. Below the script, the 'Estadísticas' tab displays performance metrics for the execution.

Name	Value
Queries	4
Updated Rows	0
Execute time (ms)	1
Fetch time (ms)	0
Total time (ms)	1
Start time	2024-06-11 21:41:40.972
Finish time	2024-06-11 21:41:41.305

SELECT COUNT(*)

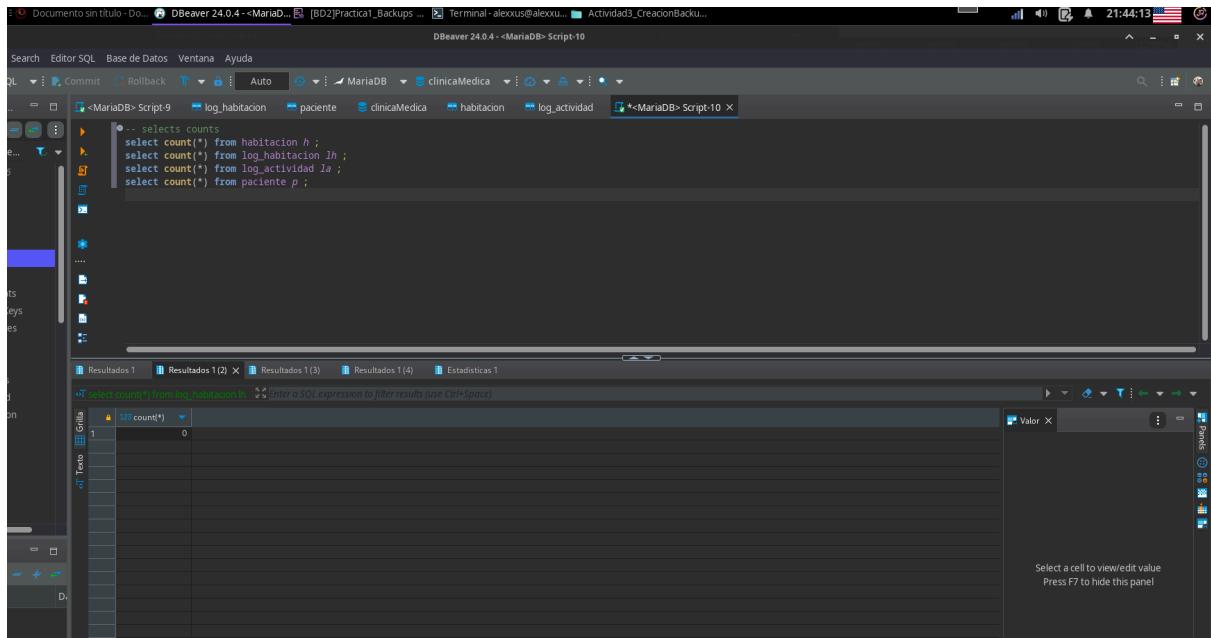
SELECT COUNT(*) FROM habitacion;



The screenshot shows the DBBeaver interface with a query script in the SQL tab. The script includes a COUNT(*) query for the 'habitacion' table. The results are displayed in the 'Resultados' tab, showing a single row with the count value.

count(*)	Valor
15	

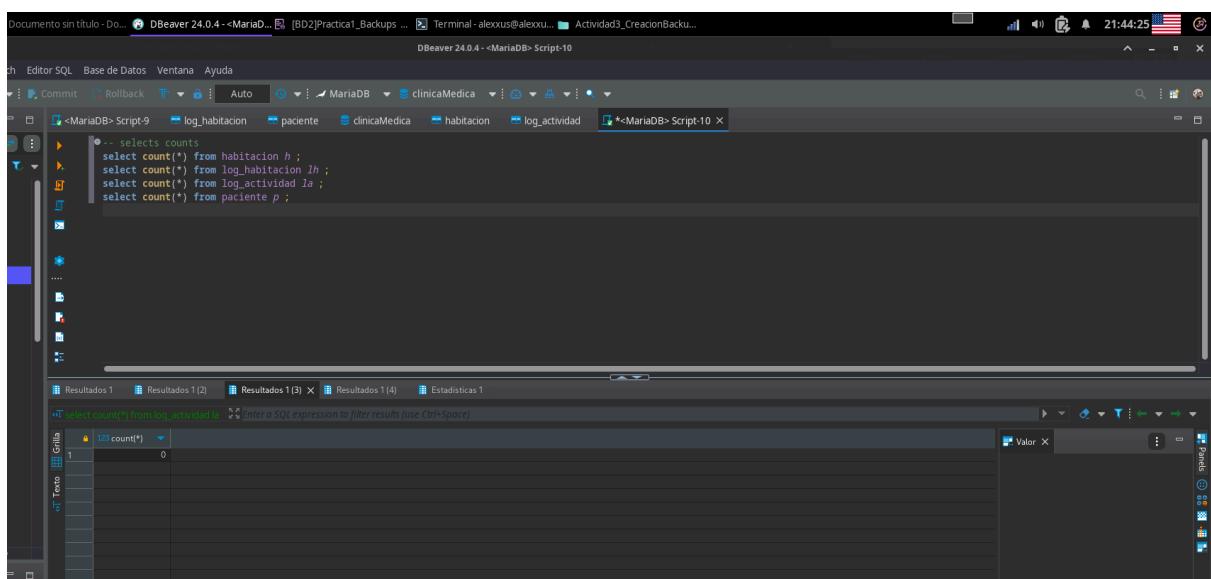
SELECT COUNT(*) FROM log_habitacion;



```
-- selects counts
select count(*) from habitacion h ;
select count(*) from log_habitacion lh ;
select count(*) from log_actividad la ;
select count(*) from paciente p ;
```

Grilla	123 count(*)	0
Texto		

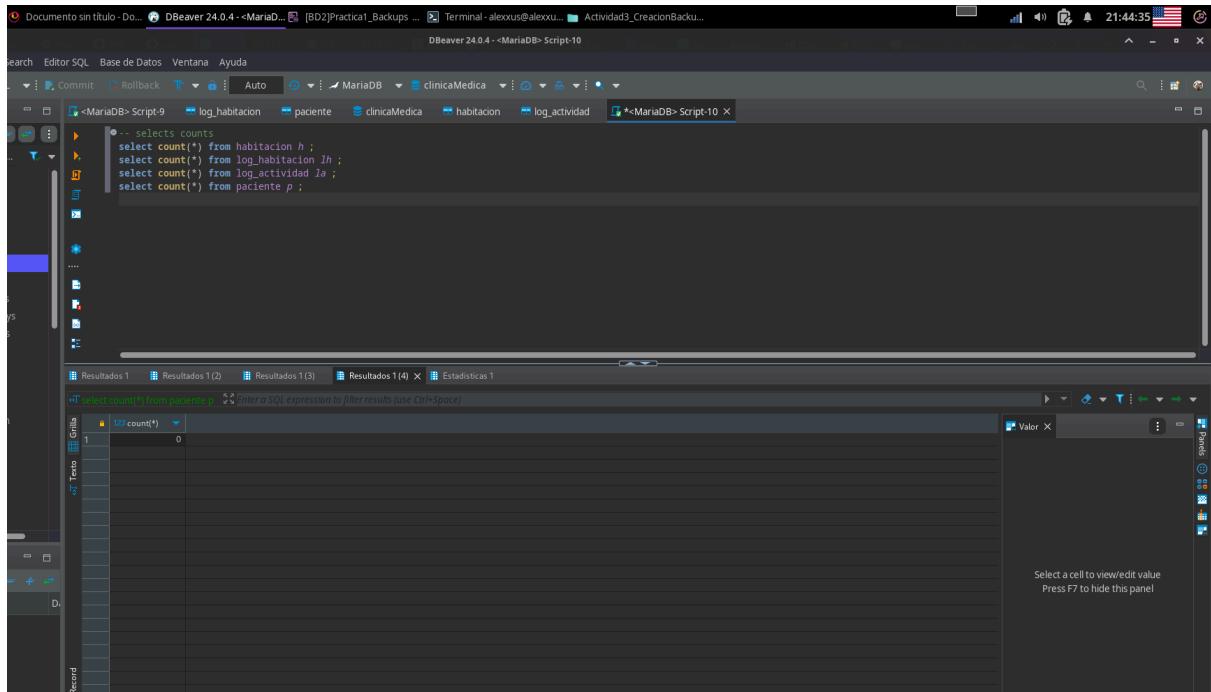
SELECT COUNT(*) FROM log_actividad;



```
-- selects counts
select count(*) from habitacion h ;
select count(*) from log_habitacion lh ;
select count(*) from log_actividad la ;
select count(*) from paciente p ;
```

Grilla	123 count(*)	0
Texto		

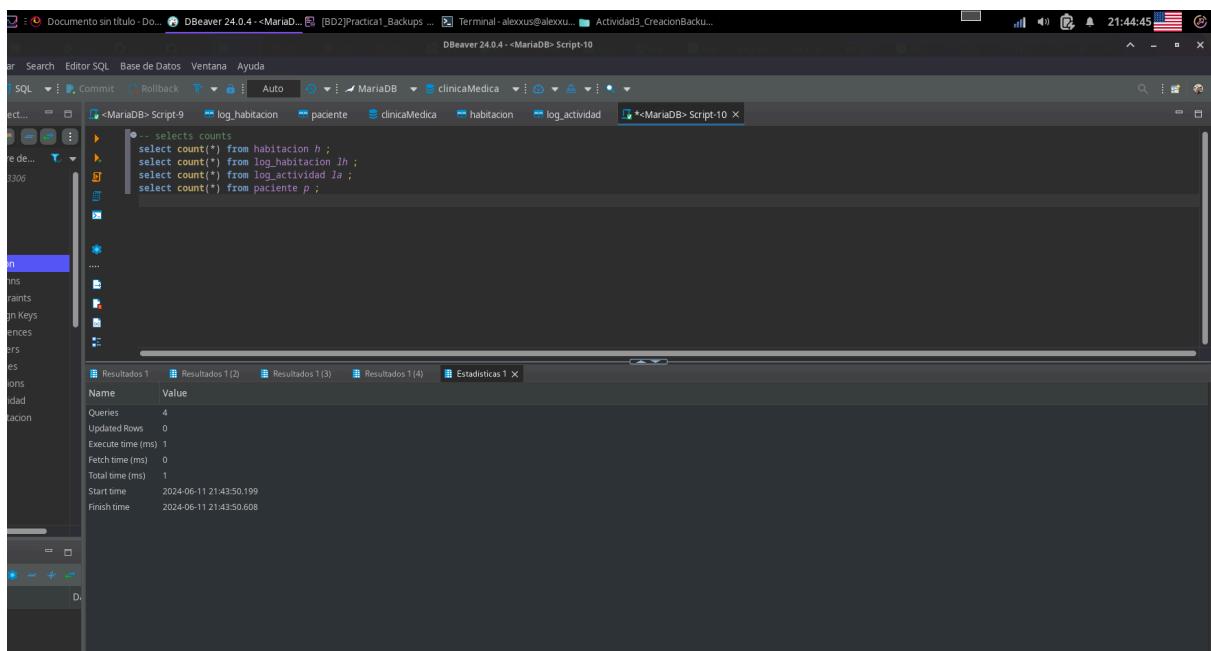
SELECT COUNT(*) FROM paciente;



The screenshot shows the DBeaver interface with the following details:

- Top bar: Documento sin título - Do..., DBeaver 24.0.4 - <MariaDB>, [BD2]Práctica1_Backups ..., Terminal - alexxus@alex... , Actividad3_CreacionBacku..., 21:44:35, United States flag.
- Toolbar: Search, Editor SQL, Base de Datos, Ventana, Ayuda.
- Script Editor: Script-9, log_habitacion, paciente, clínicaMedica, habitacion, log_actividad, * <MariaDB> Script-10.
- SQL Editor: The query `select count(*) from paciente` is entered.
- Results Grid: Shows a single row with 'count(*)' and a value of 0.
- Statistics Panel: Shows the following data:

Name	Value
Queries	4
Updated Rows	0
Execute time (ms)	1
Fetch time (ms)	0
Total time (ms)	1
Start time	2024-06-11 21:43:50.199
Finish time	2024-06-11 21:43:50.608



The screenshot shows the DBeaver interface with the following details:

- Top bar: Documento sin título - Do..., DBeaver 24.0.4 - <MariaDB>, [BD2]Práctica1_Backups ..., Terminal - alexxus@alex... , Actividad3_CreacionBacku..., 21:44:45, United States flag.
- Toolbar: Search, Editor SQL, Base de Datos, Ventana, Ayuda.
- Script Editor: Script-9, log_habitacion, paciente, clínicaMedica, habitacion, log_actividad, * <MariaDB> Script-10.
- SQL Editor: The query `select count(*) from paciente` is entered.
- Results Grid: Shows a single row with 'count(*)' and a value of 0.
- Statistics Panel: Shows the following data:

Name	Value
Queries	4
Updated Rows	0
Execute time (ms)	1
Fetch time (ms)	0
Total time (ms)	1
Start time	2024-06-11 21:43:50.199
Finish time	2024-06-11 21:43:50.608

**time mysql -u root -ppassword clínicaMedica <
./Práctica1/Actividad1/fullBackUpActividad1.sql**

```
alexus@alexus-950xdb951xdb950xdy:~/practica/Practical> alexis2 ◁ Base ◁ time mysql -u root -ppassword clinicaMedica < ./Actividad1/fullBackUpActividad1.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
real    0m0.062s
user    0m0.006s
sys     0m0.000s

alexus@alexus-950xdb951xdb950xdy:~/practica/Practical> alexis2 ◁ base ◁
```



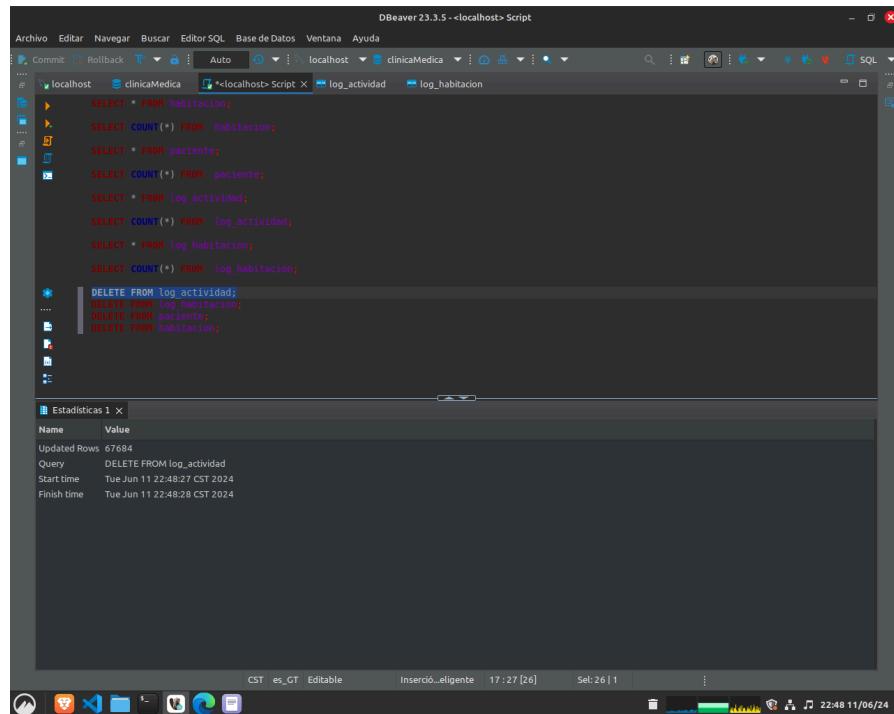
```
alexus@alexus-950xdb951xdb950xdy:~/practica/Practical> alexis2 ◁ base ◁ time mysql -u root -ppassword clinicaMedica < ./Actividad1/fullBackUpActividad1.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
real    0m0.050s
user    0m0.008s   Carga de datos
sys     0m0.000s   SELECT * FROM cada tabla
alexus@alexus-950xdb951xdb950xdy:~/practica/Practical> alexis2 ◁ base ◁ time mysql -u root -ppassword clinicaMedica < ./Actividad1/fullBackUpActividad1.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
real    0m0.061s
user    0m0.014s
sys     0m0.002s

alexus@alexus-950xdb951xdb950xdy:~/practica/Practical> alexis2 ◁ base ◁ time mysql -u root -ppassword clinicaMedica < ./Actividad1/fullBackUpActividad1.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
real    0m0.056s
user    0m0.007s   Creación de backup completo
sys     0m0.008s   Creación de backup incremental

alexus@alexus-950xdb951xdb950xdy:~/practica/Practical> alexis2 ◁ base ◁ time mysql -u root -ppassword clinicaMedica < ./Actividad1/fullBackUpActividad1.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
real    0m0.064s
user    0m0.003s
sys     0m0.012s
```

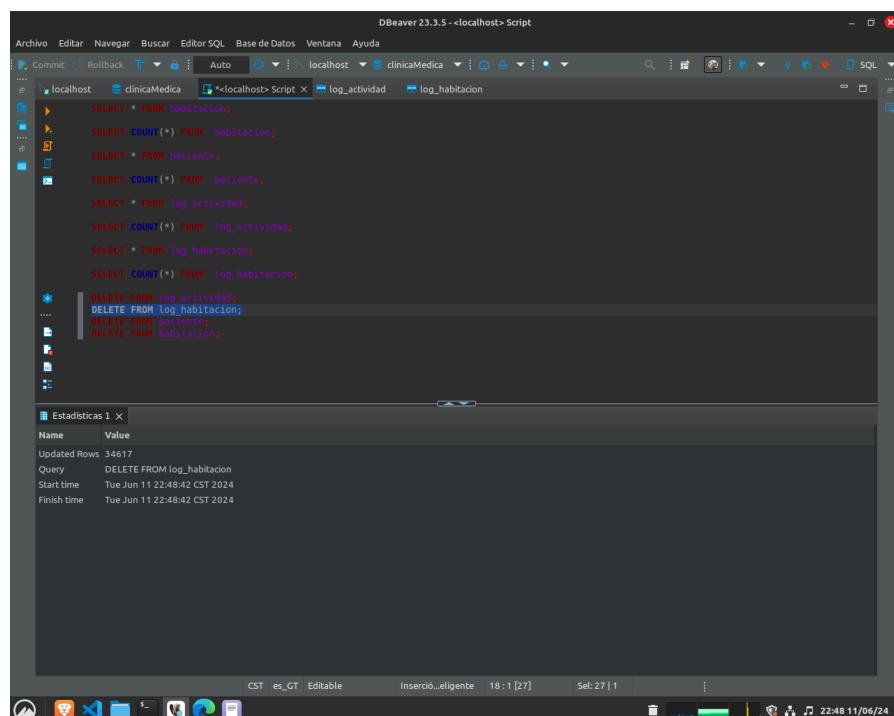
Actividad 7

Eliminación de datos



```
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;

DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;
```



```
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;

DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;
```

DBeaver 23.3.5 - <localhost> Script

```
Archivo Editar Navegar Buscar Editor SQL Base de Datos Ventana Ayuda
Commit Rollback Auto localhost clinicaMedica <localhost> Script log_actividad log_habitacion
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;
DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;
```

Estadísticas 1 ×

Name	Value
Updated Rows	154184
Query	DELETE FROM paciente
Start time	Tue Jun 11 22:48:51 CST 2024
Finish time	Tue Jun 11 22:48:52 CST 2024

CST es_GT Editable Inserció...eligente 19:1 [21] Sel: 21 | 1

DBeaver 23.3.5 - <localhost> Script

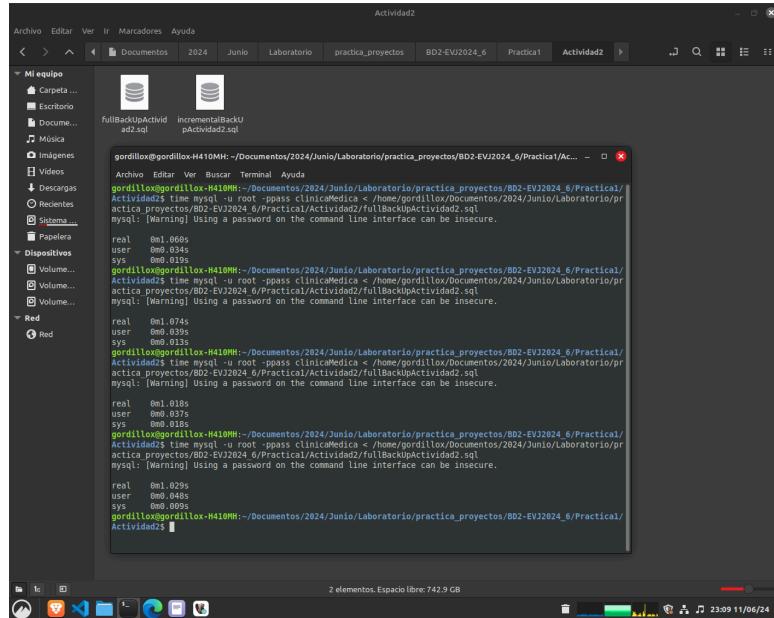
```
Archivo Editar Navegar Buscar Editor SQL Base de Datos Ventana Ayuda
Commit Rollback Auto localhost clinicaMedica <localhost> Script log_actividad log_habitacion
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;
DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;
```

Estadísticas 1 ×

Name	Value
Updated Rows	15
Query	DELETE FROM habitacion
Start time	Tue Jun 11 22:49:04 CST 2024
Finish time	Tue Jun 11 22:49:04 CST 2024

CST es_GT Editable Inserció...eligente 20:24 [23] Sel: 23 | 1

Restauración Full Backup Actividad 2



```
gordillox@gordillox-H410MH:~/Documentos/2024/Junio/Laboratorio/practica_proyectos/BD2-EVJ2024_6/Practical/Actividad2$ time mysql -u root -ppass clinicaMedica < /home/gordillox/Documentos/2024/Junio/Laboratorio/practica_proyectos/BD2-EVJ2024_6/Practical/Actividad2/fullBackupActividad2.sql
mysql: [Warning] Using a password on the command line interface can be insecure.

real 0m1.666s
user 0m0.034s
sys 0m0.019s
gordillox@gordillox-H410MH:~/Documentos/2024/Junio/Laboratorio/practica_proyectos/BD2-EVJ2024_6/Practical/Actividad2$ time mysql -u root -ppass clinicaMedica < /home/gordillox/Documentos/2024/Junio/Laboratorio/practica_proyectos/BD2-EVJ2024_6/Practical/Actividad2/fullBackupActividad2.sql
mysql: [Warning] Using a password on the command line interface can be insecure.

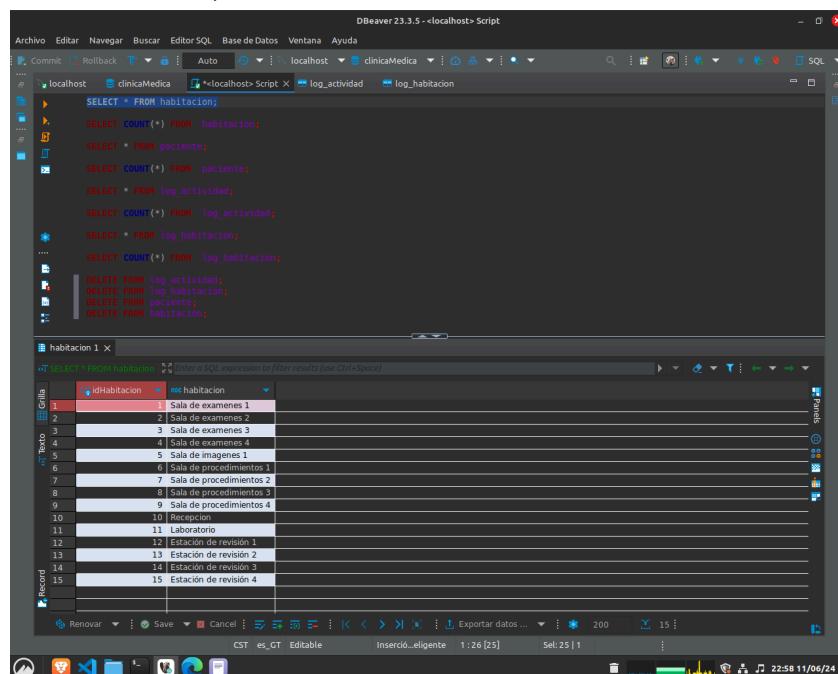
real 0m1.674s
user 0m0.039s
sys 0m0.013s
gordillox@gordillox-H410MH:~/Documentos/2024/Junio/Laboratorio/practica_proyectos/BD2-EVJ2024_6/Practical/Actividad2$ time mysql -u root -ppass clinicaMedica < /home/gordillox/Documentos/2024/Junio/Laboratorio/practica_proyectos/BD2-EVJ2024_6/Practical/Actividad2/fullBackupActividad2.sql
mysql: [Warning] Using a password on the command line interface can be insecure.

real 0m1.684s
user 0m0.037s
sys 0m0.018s
gordillox@gordillox-H410MH:~/Documentos/2024/Junio/Laboratorio/practica_proyectos/BD2-EVJ2024_6/Practical/Actividad2$ time mysql -u root -ppass clinicaMedica < /home/gordillox/Documentos/2024/Junio/Laboratorio/practica_proyectos/BD2-EVJ2024_6/Practical/Actividad2/fullBackupActividad2.sql
mysql: [Warning] Using a password on the command line interface can be insecure.

real 0m1.694s
user 0m0.037s
sys 0m0.018s
gordillox@gordillox-H410MH:~/Documentos/2024/Junio/Laboratorio/practica_proyectos/BD2-EVJ2024_6/Practical/Actividad2$
```

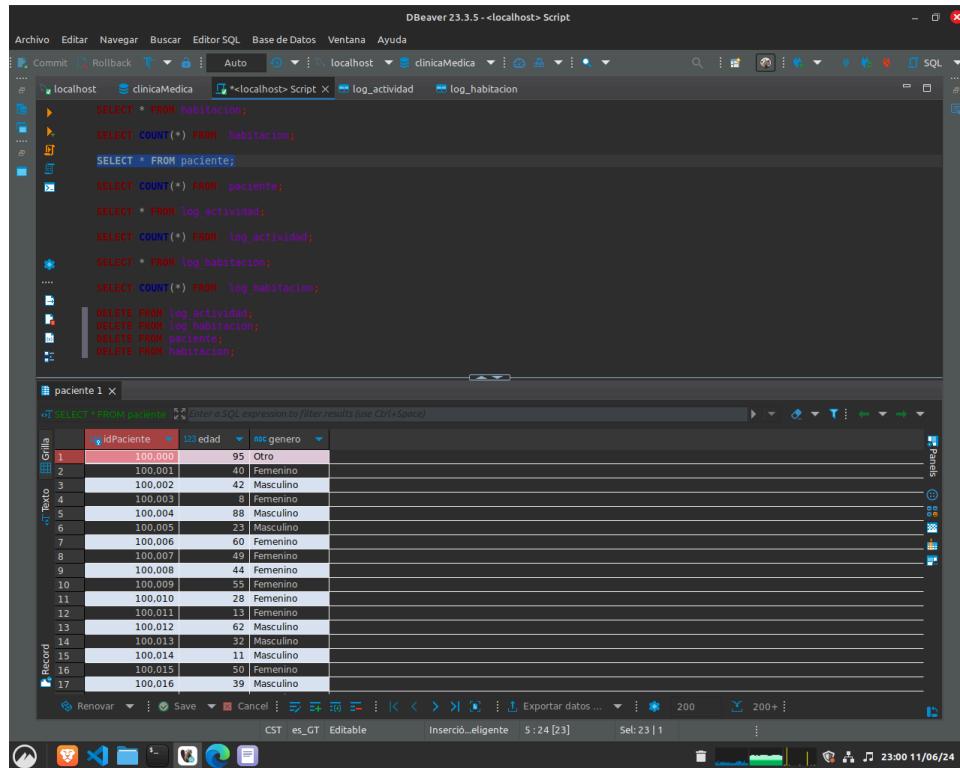
**time mysql -u root -ppass clinicaMedica <
 /home/gordillox/Documentos/2024/Junio/Laboratorio/practica_proyectos/BD2-EVJ2024_6/Practical/Actividad2/fullBackupActividad2.sql**

**SELECT * FROM
 SELECT * FROM habitacion;**



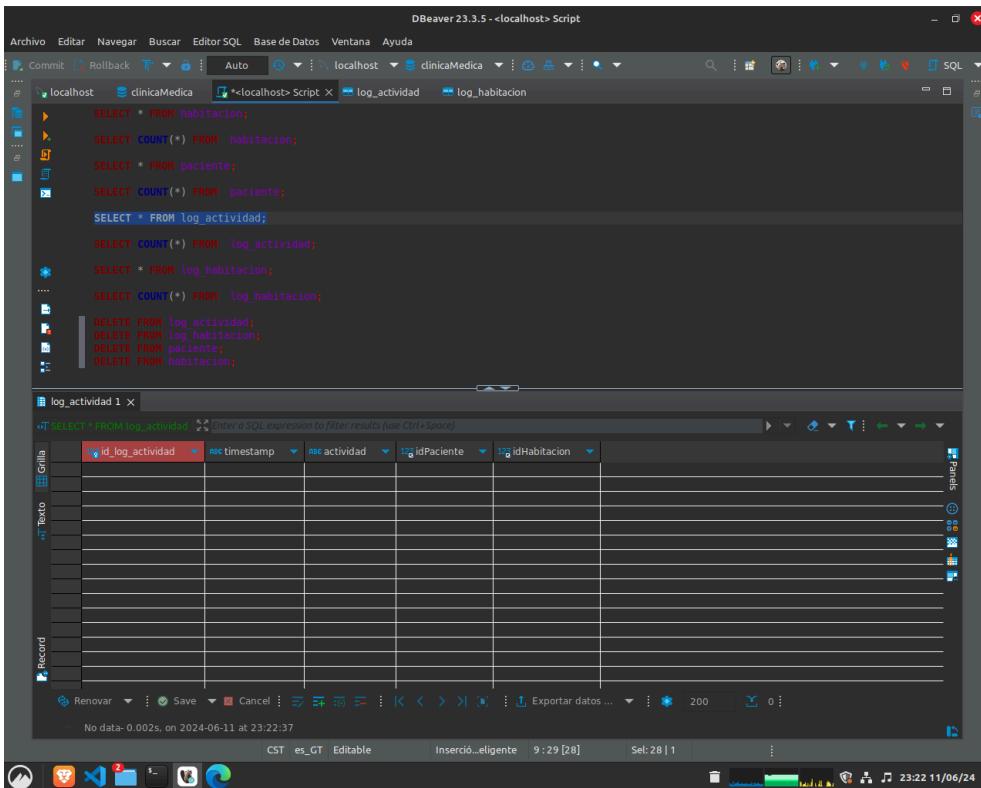
	idHabitacion	nombre
1	1	Sala de exámenes 1
2	2	Sala de exámenes 2
3	3	Sala de exámenes 3
4	4	Sala de exámenes 4
5	5	Sala de imágenes
6	6	Laboratorio de procedimientos 1
7	7	Sala de procedimientos 2
8	8	Sala de procedimientos 3
9	9	Sala de procedimientos 4
10	10	Recepción
11	11	Laboratorio
12	12	Estación de revisión 1
13	13	Estación de revisión 2
14	14	Estación de revisión 3
15	15	Estación de revisión 4

SELECT * FROM paciente;



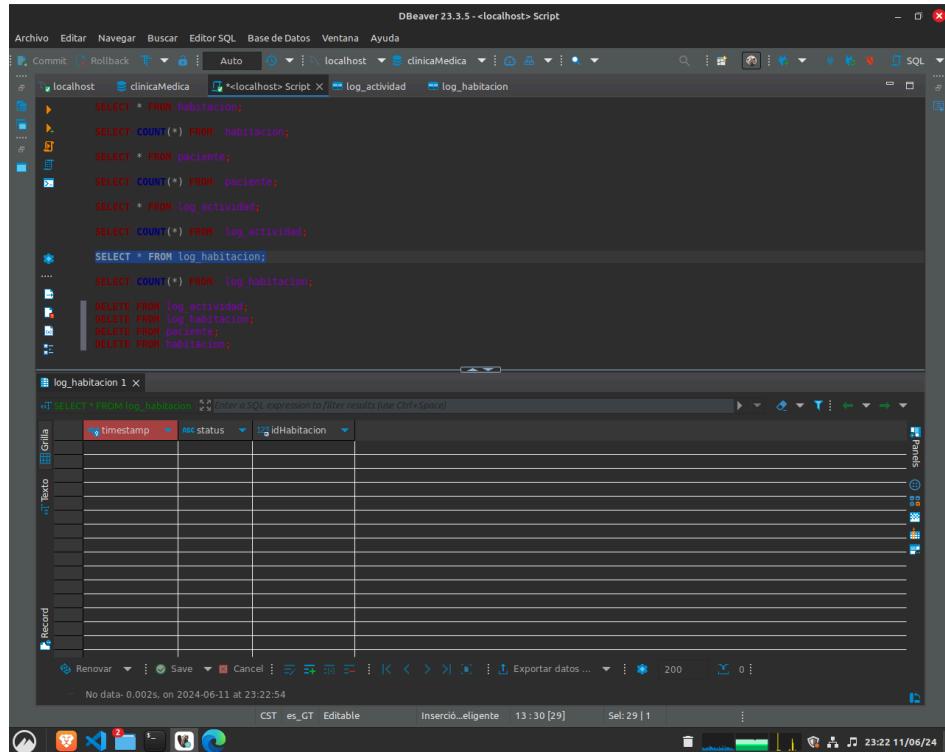
	idPaciente	edad	genero
1	100.000	95	Otro
2	100.001	40	Femenino
3	100.002	42	Masculino
4	100.003	8	Femenino
5	100.004	88	Masculino
6	100.005	23	Masculino
7	100.006	60	Femenino
8	100.007	49	Femenino
9	100.008	44	Femenino
10	100.009	55	Femenino
11	100.010	28	Femenino
12	100.011	13	Femenino
13	100.012	62	Masculino
14	100.013	32	Masculino
15	100.014	11	Masculino
16	100.015	50	Femenino
17	100.016	39	Masculino

SELECT * FROM log_actividad;



id_log_actividad	timestamp	actividad	idPaciente	idHabitacion
No data- 0.002s, on 2024-06-11 at 23:22:37				

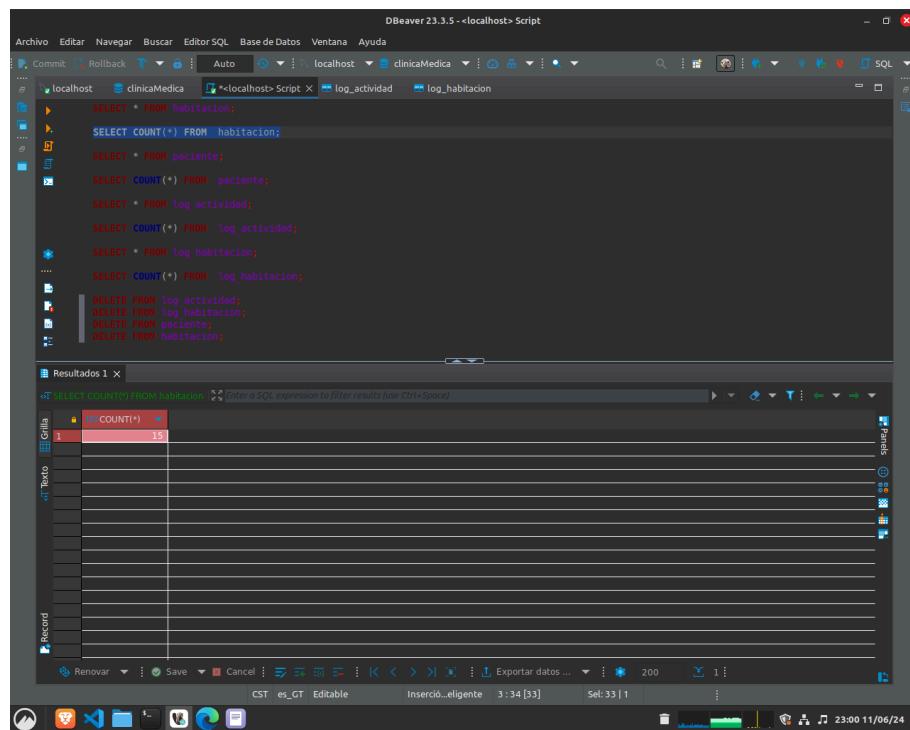
SELECT * FROM log_habitacion;



```
DBeaver 23.3.5 - <localhost> Script
Archivo Editar Navegar Buscar EditorSQL Base de Datos Ventana Ayuda
Commit Rollback Auto localhost clínicaMedica <localhost> Script log_actividad log_habitacion
...
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;
DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;

log_habitacion 1
GT SELECT * FROM log_habitacion
Enter a SQL expression to filter results (use Ctrl+Space)
Grilla
timestamp status idHabitacion
Record
Report
Nuevo Save Cancel Exportar datos ... 200 Sel: 29 | 1
Renovar CST es_GT Editable Insercio...eligente 13:30 [29] 23:22 11/06/24
```

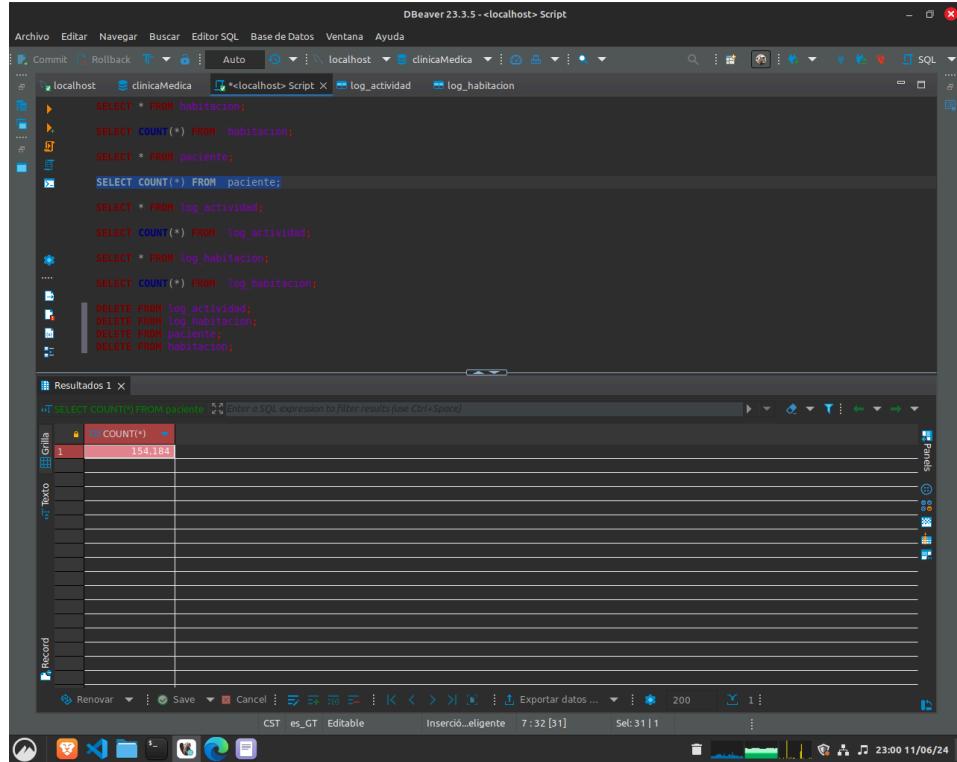
**SELECT COUNT(*) FROM
SELECT COUNT(*) FROM habitacion;**



```
DBeaver 23.3.5 - <localhost> Script
Archivo Editar Navegar Buscar EditorSQL Base de Datos Ventana Ayuda
Commit Rollback Auto localhost clínicaMedica <localhost> Script log_actividad log_habitacion
...
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;
DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;

Resultados 1 X
GT SELECT COUNT(*) FROM log_habitacion
Enter a SQL expression to filter results (use Ctrl+Space)
Grilla
COUNT()
1 15
Record
Report
Nuevo Save Cancel Exportar datos ... 200 Sel: 33 | 1
Renovar CST es_GT Editable Insercio...eligente 3:34 [33] 23:00 11/06/24
```

SELECT * FROM paciente;



DBeaver 23.3.5 - <localhost> Script

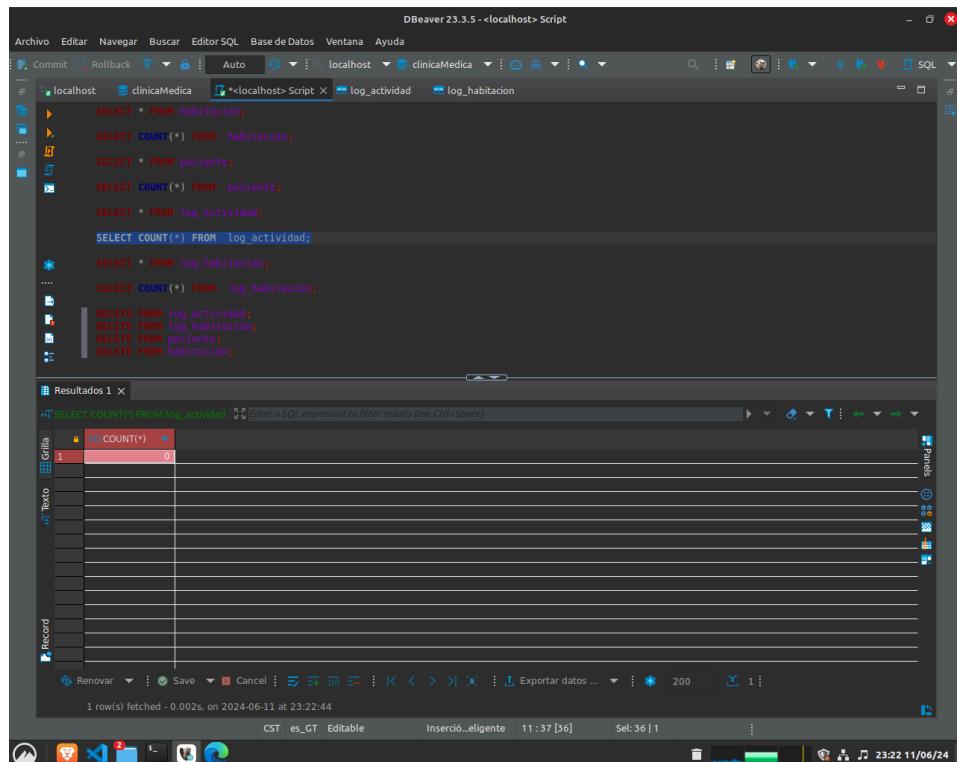
```
localhost clinicaMedica <localhost> Script log_actividad log_habitacion
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;
DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;
```

Resultados 1 ×

1. id COUNT(*)
1 156,184

Renovar Save Cancel Exportar datos ... 200 1 1 23:00 11/06/24

SELECT * FROM log_actividad;



DBeaver 23.3.5 - <localhost> Script

```
localhost clinicaMedica <localhost> Script log_actividad log_habitacion
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;
DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;
```

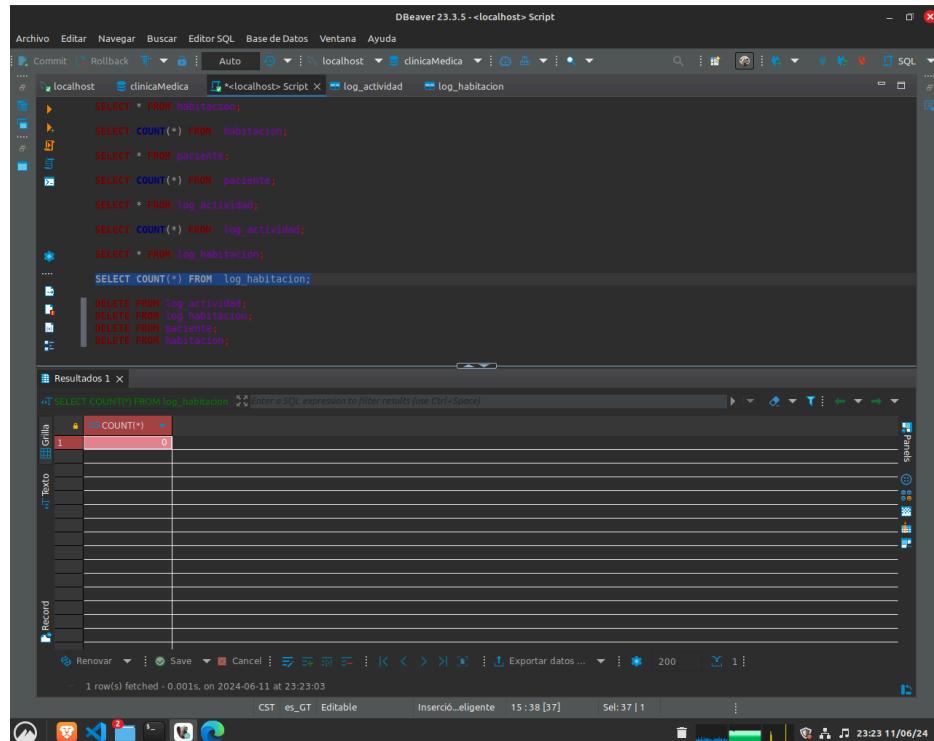
Resultados 1 ×

1. id COUNT(*)
1 0

1 row(s) fetched - 0.002s, on 2024-06-11 at 23:22:44

Renovar Save Cancel Exportar datos ... 200 1 1 23:22 11/06/24

SELECT COUNT(*) FROM log_habitacion;



DBeaver 23.3.5 - <localhost> Script

Archivo Editar Navegar Buscar Editor SQL Base de Datos Ventana Ayuda

localhost clínicaMedica <localhost> Script log_actividad log_habitacion

```
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;

DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;
```

Resultados 1 x

Grieta	1
Texto	0

Record

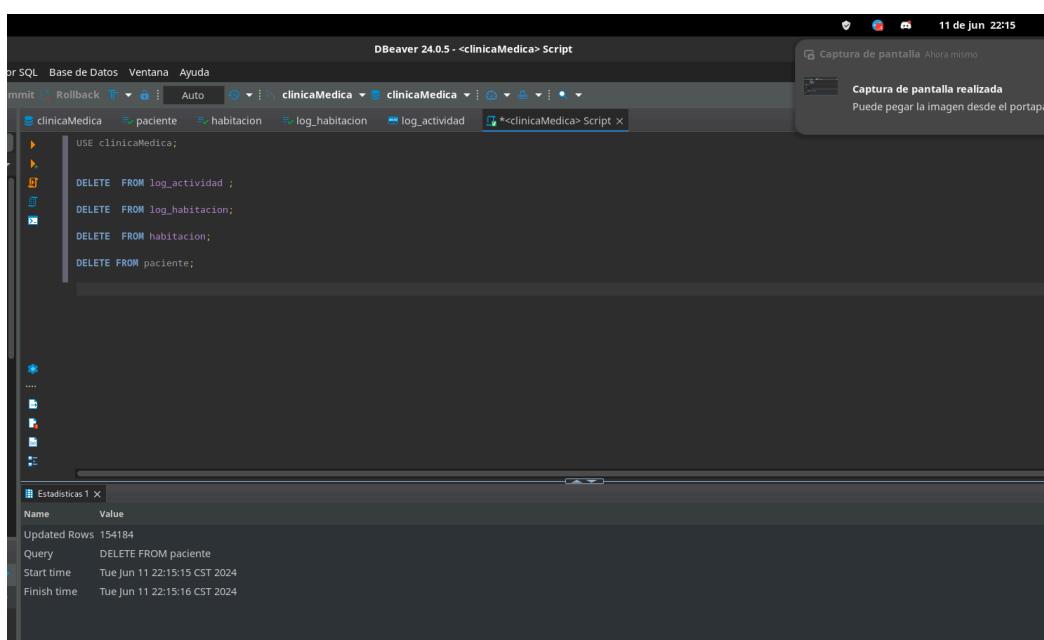
Renovar Save Cancel Exportar datos ... 200 Sel: 37 | 1

1 row(s) fetched - 0.001s, on 2024-06-11 at 23:23:03

CST es_GT Editable Insercio...eligierte 15:38 [37] Sel: 37 | 1

Actividad 8

Eliminación de datos



DBeaver 24.0.5 - <clínicaMedica> Script

Archivo SQL Base de Datos Ventana Ayuda

localhost clínicaMedica paciente habitacion log_habitacion log_actividad <clínicaMedica> Script

```
USE clínicaMedica;

DELETE FROM log_actividad ;
DELETE FROM log_habitacion;
DELETE FROM habitacion;
DELETE FROM paciente;
```

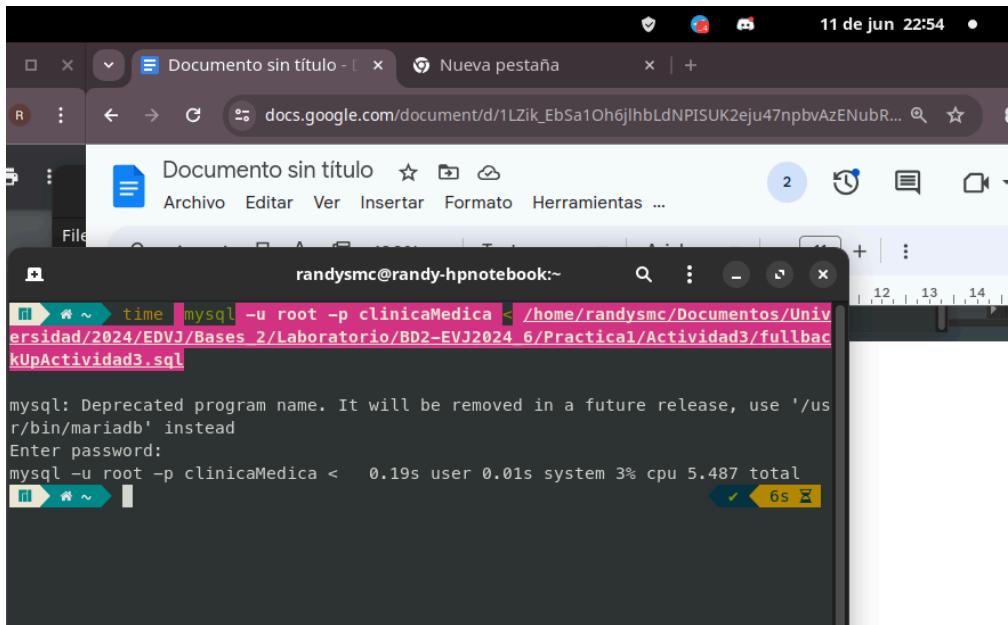
Captura de pantalla Ahora mismo

Captura de pantalla realizada Puede pegar la imagen desde el portapapeles

Estadísticas 1 x

Name	Value
Updated Rows	154184
Query	DELETE FROM paciente
Start time	Tue Jun 11 22:15:15 CST 2024
Finish time	Tue Jun 11 22:15:16 CST 2024

Restauración Full BackUp Actividad 3



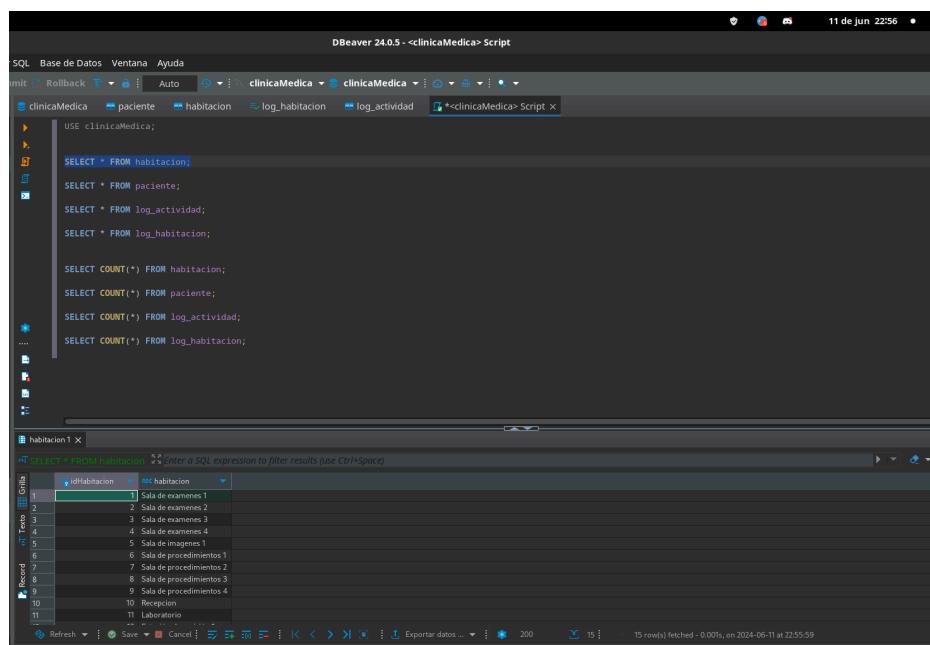
```
time mysql -u root -p clinicaMedica < /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad3/fullbackUpActividad3.sql

mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
Enter password:
mysql -u root -p clinicaMedica < 0.19s user 0.01s system 3% cpu 5.487 total
```

**mysql -u root -p clinicaMedica <
/home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad3/fullbackUpActividad3.sql**

SELECT * FROM

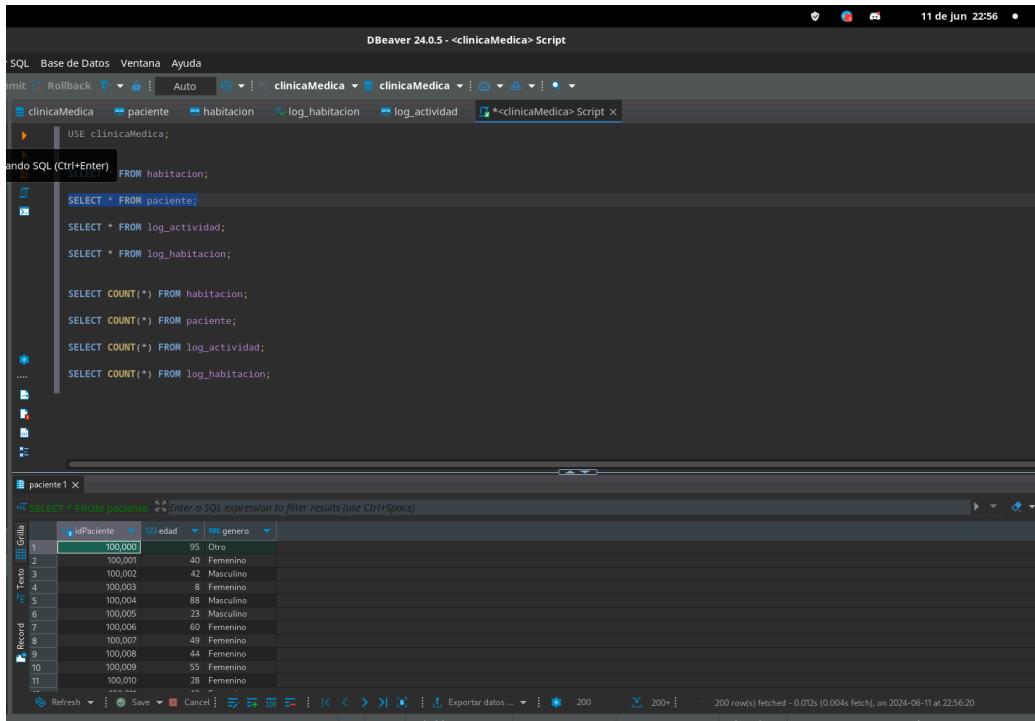
SELECT * FROM habitacion;



```
USE clinicaMedica;
SELECT * FROM habitacion;
```

idhabitacion	deshabitacion
1	Sala de exámenes 1
2	Sala de exámenes 2
3	Sala de exámenes 3
4	Sala de exámenes 4
5	Sala de imágenes 1
6	Sala de procedimientos 1
7	Sala de procedimientos 2
8	Sala de procedimientos 3
9	Sala de procedimientos 4
10	Recepción
11	Laboratorio

SELECT * FROM paciente;

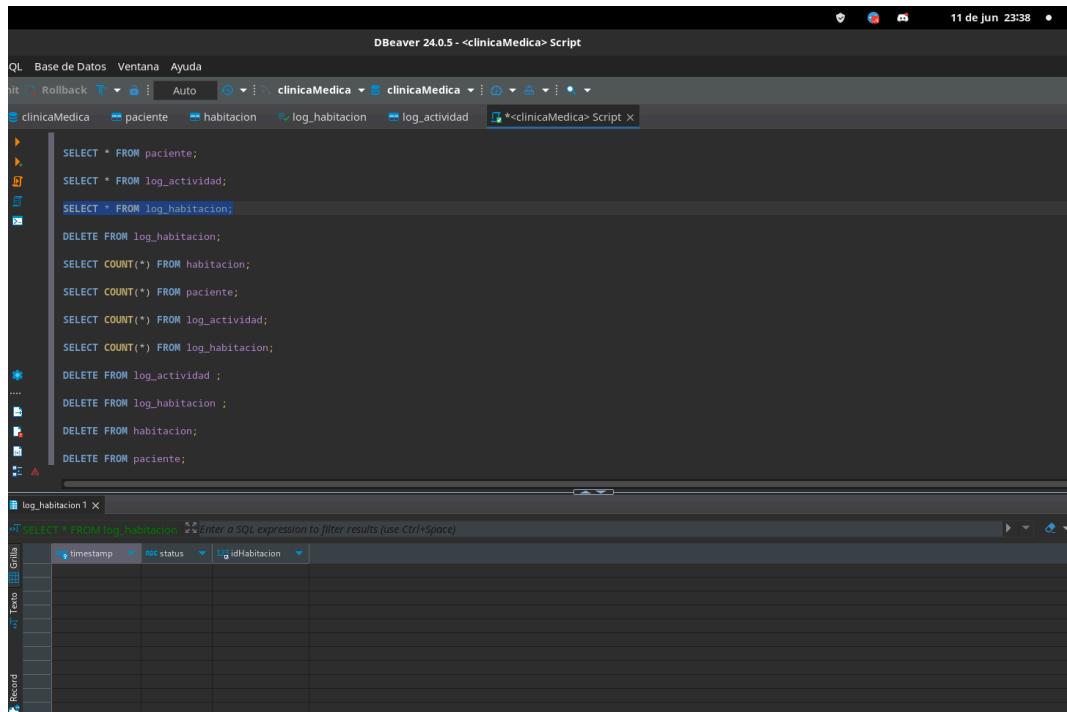


```
11 de jun 22:56 • DBeaver 24.0.5 - <clinicaMedica> Script
SQL Base de Datos Ventana Ayuda
clínicaMedica Rollback Auto clínicaMedica clínicaMedica clínicaMedica USE clínicaMedica; SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT COUNT(*) FROM paciente;
SELECT COUNT(*) FROM log_actividad;
SELECT COUNT(*) FROM log_habitacion;

paciente1 x
df SELECT * FROM paciente
Grid idPaciente edad genero
Record
1 100.000 95 Otro
2 100.001 40 Femenino
3 100.002 42 Masculino
4 100.003 8 Femefino
5 100.004 88 Masculino
6 100.005 23 Femefino
7 100.006 60 Femefino
8 100.007 49 Femefino
9 100.008 44 Femefino
10 100.009 55 Femefino
11 100.010 28 Femefino
```

The screenshot shows the DBBeaver interface with a SQL script window containing several SELECT statements. Below the script is a results grid titled 'paciente1' showing 11 rows of data for the 'paciente' table. The columns are 'idPaciente', 'edad', and 'genero'. The data includes various IDs, ages (ranging from 8 to 100), and gender categories (Otros, Femenino, Masculino).

SELECT * FROM log_actividad;

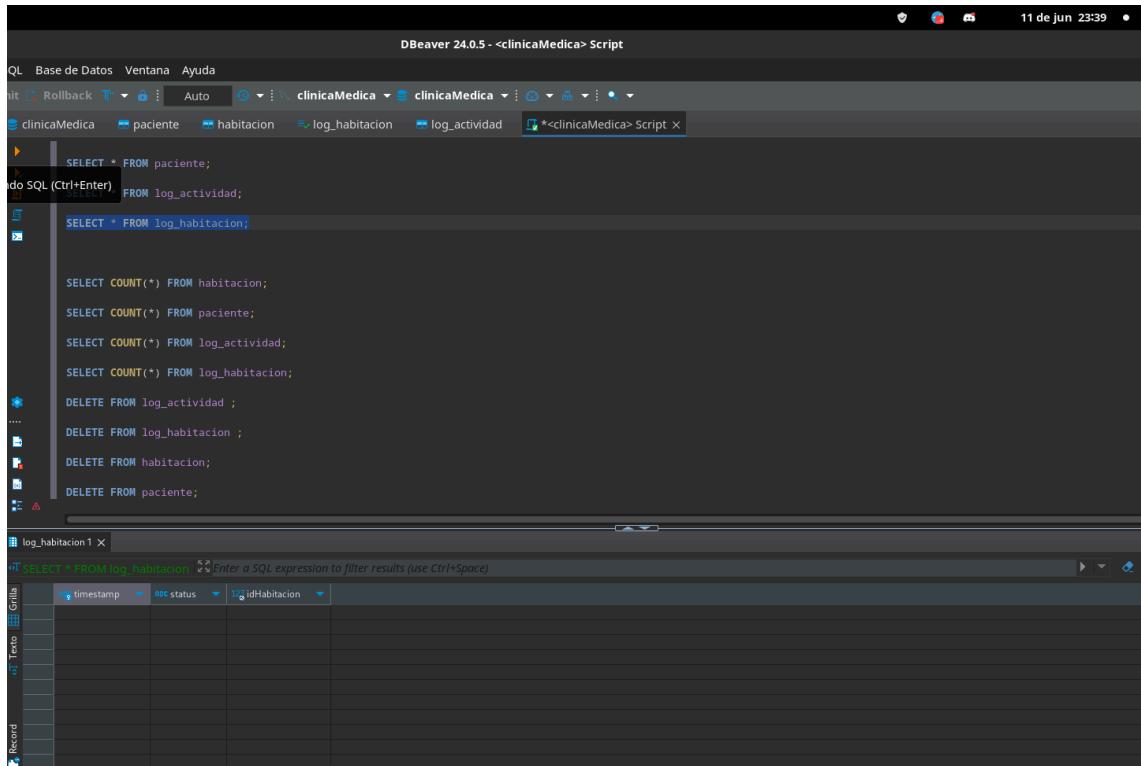


```
11 de jun 23:38 • DBeaver 24.0.5 - <clinicaMedica> Script
SQL Base de Datos Ventana Ayuda
clínicaMedica Rollback Auto clínicaMedica clínicaMedica clínicaMedica USE clínicaMedica; SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;
DELETE FROM log_habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT COUNT(*) FROM paciente;
SELECT COUNT(*) FROM log_actividad;
SELECT COUNT(*) FROM log_habitacion;
DELETE FROM log_actividad ;
DELETE FROM log_habitacion ;
DELETE FROM habitacion;
DELETE FROM paciente;

log_habitacion1 x
df SELECT * FROM log_habitacion
Grid timestamp status idHabitacion
Record
```

The screenshot shows the DBBeaver interface with a SQL script window containing various DELETE and SELECT statements. Below the script is a results grid titled 'log_habitacion1' showing 0 rows of data for the 'log_habitacion' table. The grid has columns for 'timestamp', 'status', and 'idHabitacion'.

SELECT * FROM log_habitacion;



DBeaver 24.0.5 - <clinicaMedica> Script

```
QL Base de Datos Ventana Ayuda
Alt Rollback Auto clinicaMedica clinicaMedica clinicaMedica Script X
clínicaMedica paciente habitación log_habitacion log_actividad *<clinicaMedica> Script X
▶
  SELECT * FROM paciente;
  SELECT * FROM log_actividad;
  SELECT * FROM log_habitacion;

  SELECT COUNT(*) FROM habitacion;
  SELECT COUNT(*) FROM paciente;
  SELECT COUNT(*) FROM log_actividad;
  SELECT COUNT(*) FROM log_habitacion;

  DELETE FROM log_actividad ;
  DELETE FROM log_habitacion ;
  DELETE FROM habitacion;
  DELETE FROM paciente;
```

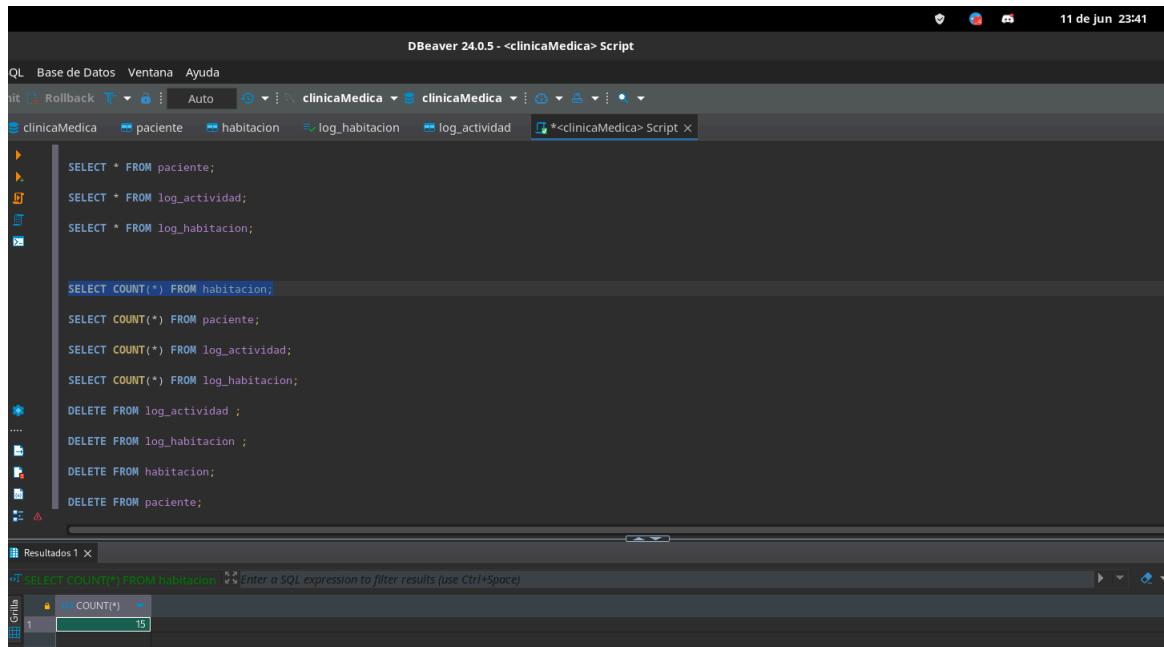
log_habitacion 1

Enter a SQL expression to filter results (use Ctrl+Space)

Grilla	timestamp	status	idHabitacion
Texto			
Record			

SELECT COUNT(*) FROM

SELECT COUNT(*) FROM habitacion;



DBeaver 24.0.5 - <clinicaMedica> Script

```
QL Base de Datos Ventana Ayuda
Alt Rollback Auto clinicaMedica clinicaMedica clinicaMedica clinicaMedica Script X
clínicaMedica paciente habitación log_habitacion log_actividad *<clinicaMedica> Script X
▶
  SELECT * FROM paciente;
  SELECT * FROM log_actividad;
  SELECT * FROM log_habitacion;

  SELECT COUNT(*) FROM habitacion;
  SELECT COUNT(*) FROM paciente;
  SELECT COUNT(*) FROM log_actividad;
  SELECT COUNT(*) FROM log_habitacion;

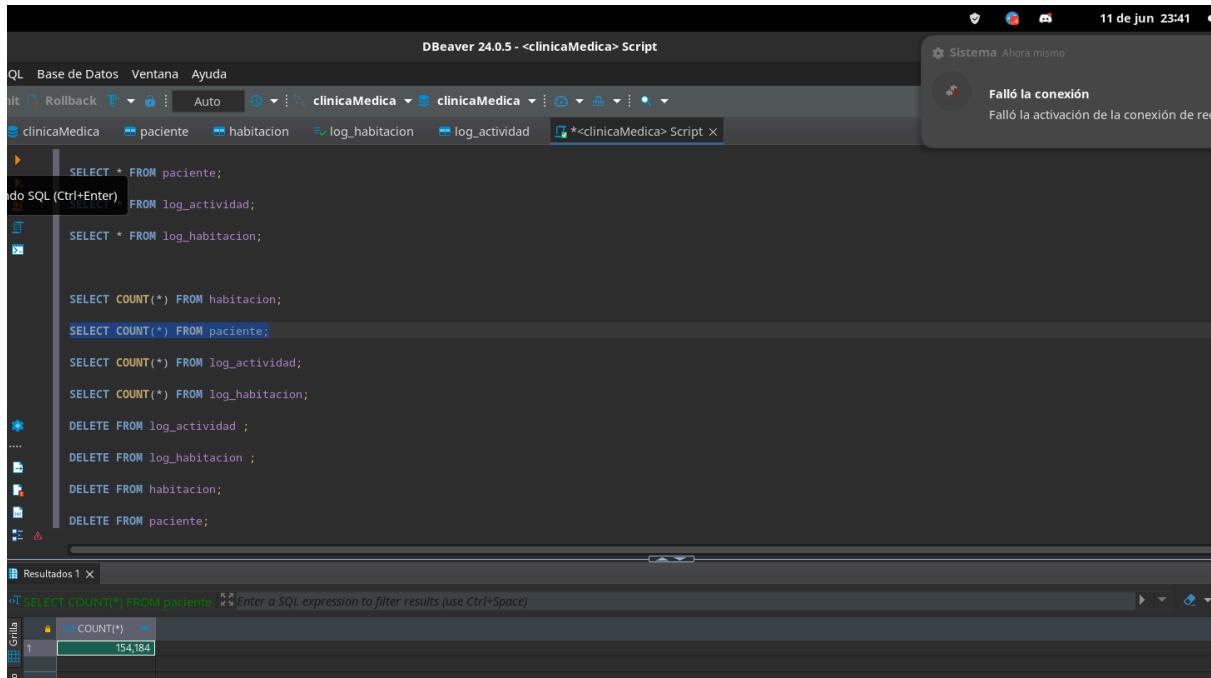
  DELETE FROM log_actividad ;
  DELETE FROM log_habitacion ;
  DELETE FROM habitacion;
  DELETE FROM paciente;
```

Resultados 1

Enter a SQL expression to filter results (use Ctrl+Space)

Grilla	COUNT(*)
1	15

SELECT COUNT(*) FROM paciente;



DBeaver 24.0.5 - <clinicaMedica> Script

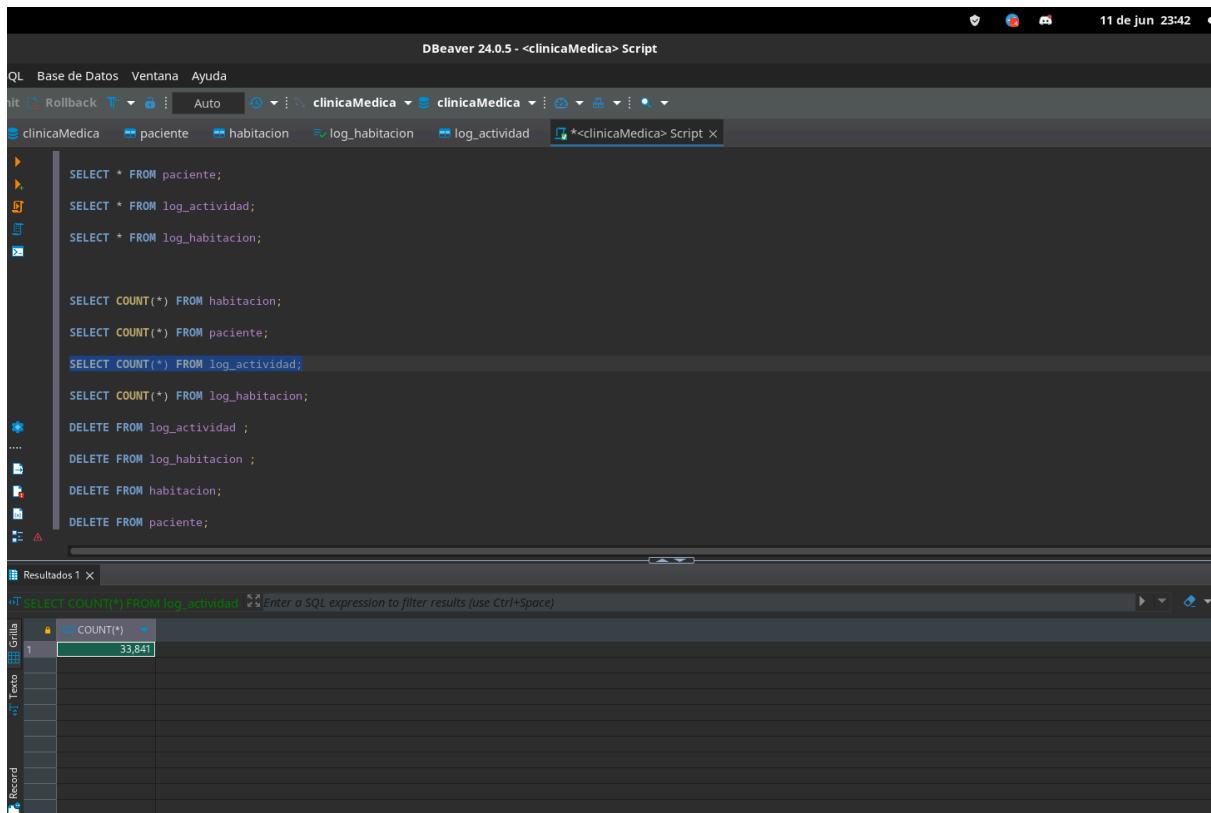
```
SELECT * FROM paciente;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;

SELECT COUNT(*) FROM habitacion;
SELECT COUNT(*) FROM paciente;
SELECT COUNT(*) FROM log_actividad;
SELECT COUNT(*) FROM log_habitacion;
DELETE FROM log_actividad ;
DELETE FROM log_habitacion ;
DELETE FROM habitacion;
DELETE FROM paciente;
```

Resultados 1 X

	COUNT(*)
1	154,184

SELECT COUNT(*) FROM log_actividad;



DBeaver 24.0.5 - <clinicaMedica> Script

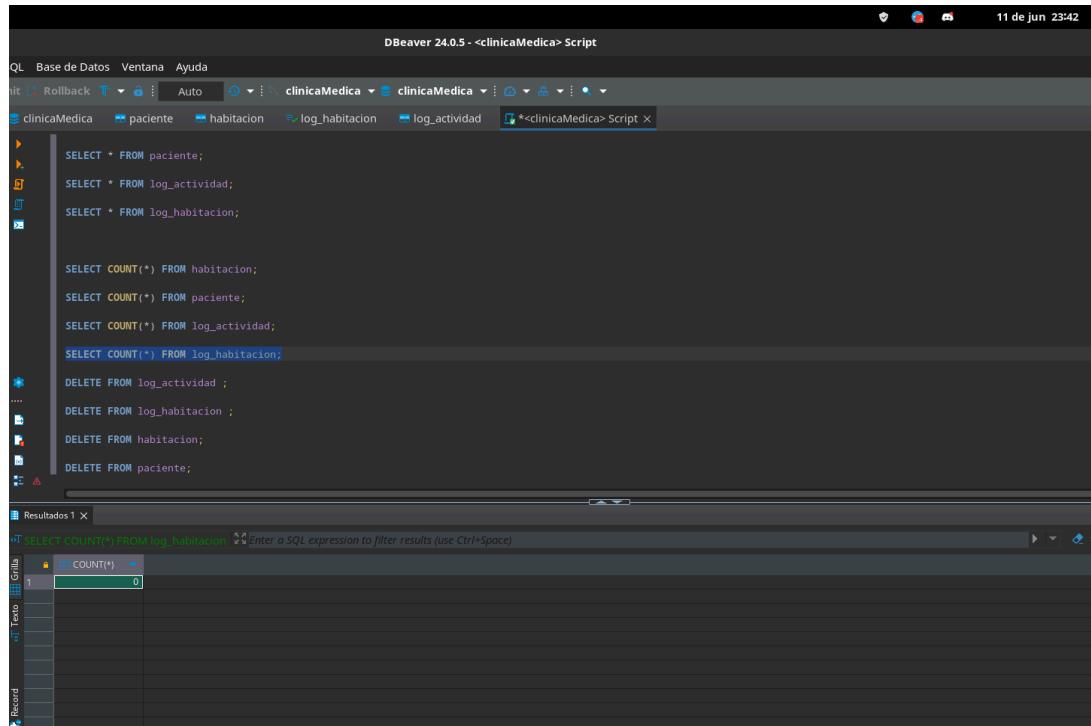
```
SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;

SELECT COUNT(*) FROM habitacion;
SELECT COUNT(*) FROM paciente;
SELECT COUNT(*) FROM log_actividad;
SELECT COUNT(*) FROM log_habitacion;
DELETE FROM log_actividad ;
DELETE FROM log_habitacion ;
DELETE FROM habitacion;
DELETE FROM paciente;
```

Resultados 1 X

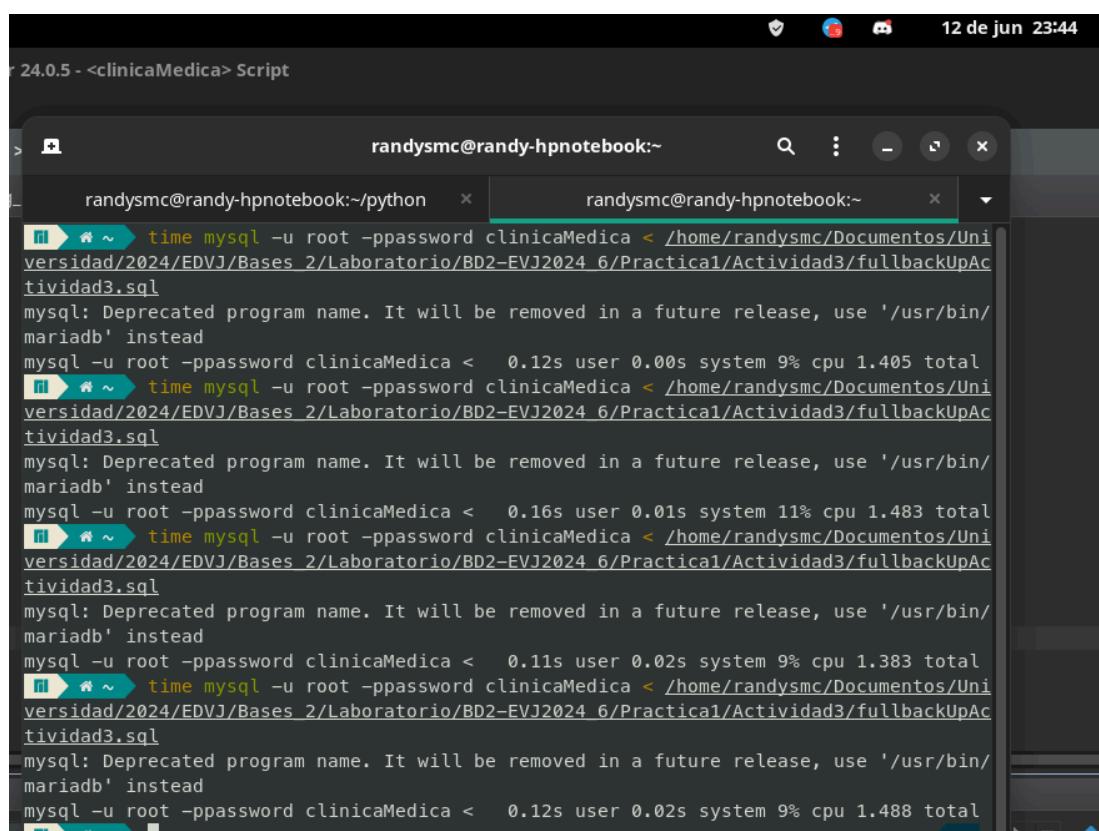
	COUNT(*)
1	33,841

SELECT COUNT(*) FROM log_habitacion;



The screenshot shows the DBBeaver interface. In the top-left pane, there is a script editor containing several SQL statements. One of them is highlighted: `SELECT COUNT(*) FROM log_habitacion;`. Below the script editor is a results grid labeled "Resultados 1". The grid has one row with one column, showing the value 0.

Grilla
1 COUNT(*) 0

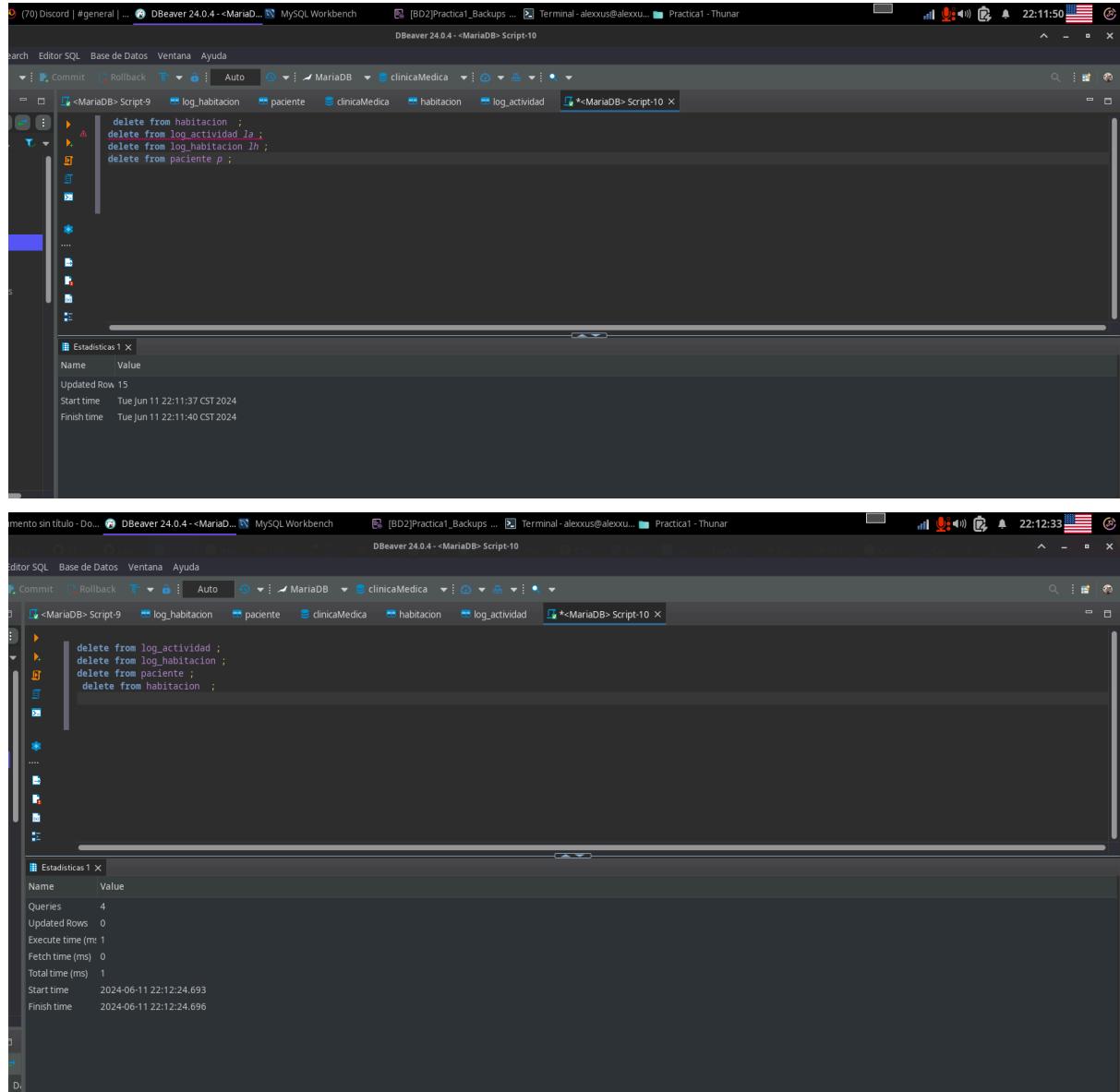


The screenshot shows a terminal window with four tabs. The active tab is titled "randysmc@randy-hpnotebook:~". It contains a series of MySQL commands being run. Each command involves connecting to a MySQL database named "clinicaMedica" as user "root" with password "clinicaMedica". The output of each command includes a timestamp, the command itself, and a performance metric (time taken). The terminal shows that the command is being run multiple times sequentially.

```
randysmc@randy-hpnotebook:~/python ~ randysmc@randy-hpnotebook:~ ~
time mysql -u root -ppassword clinicaMedica < /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad3/fullbackUpActividad3.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
mysql -u root -ppassword clinicaMedica < /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad3/fullbackUpActividad3.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
mysql -u root -ppassword clinicaMedica < /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad3/fullbackUpActividad3.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
mysql -u root -ppassword clinicaMedica < /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad3/fullbackUpActividad3.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
mysql -u root -ppassword clinicaMedica < /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad3/fullbackUpActividad3.sql
```

Actividad 9

Eliminación de datos

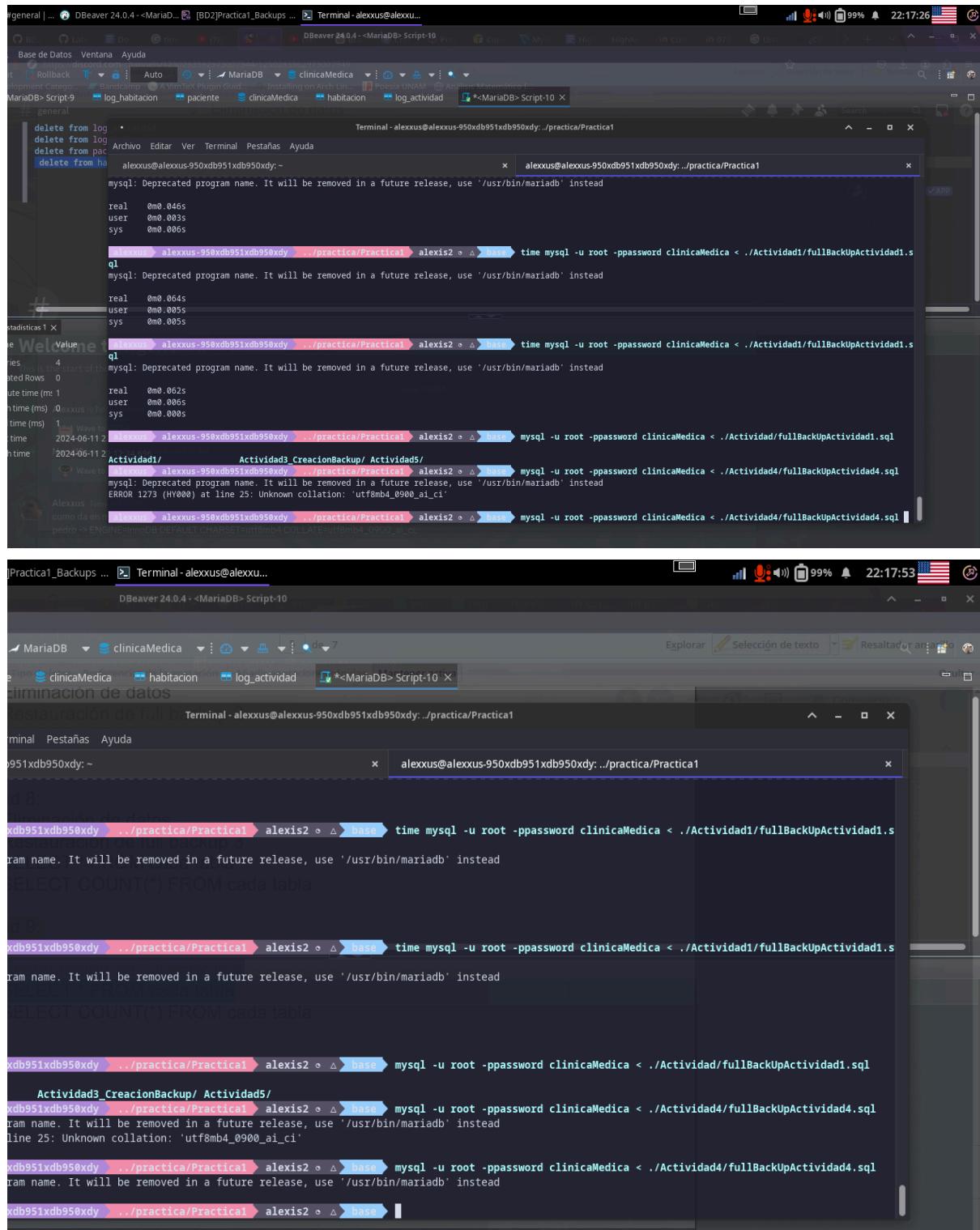


The image shows two side-by-side screenshots of the DBBeaver application interface. Both screenshots display a SQL editor window with a dark theme.

Screenshot 1 (Left): The SQL query is:delete from habitacion ;
delete from log_actividad la ;
delete from log_habitacion lh ;
delete from paciente p ;A statistics panel at the bottom shows:| Name | Value |
| --- | --- |
| Updated Row | 15 |
| Start time | Tue Jun 11 22:11:37 CST 2024 |
| Finish time | Tue Jun 11 22:11:40 CST 2024 |

Screenshot 2 (Right): The SQL query is:delete from log_actividad ;
delete from log_habitacion ;
delete from paciente ;
delete from habitacion ;A statistics panel at the bottom shows:| Name | Value |
| --- | --- |
| Queries | 4 |
| Updated Rows | 0 |
| Execute time (ms) | 1 |
| Fetch time (ms) | 0 |
| Total time (ms) | 1 |
| Start time | 2024-06-11 22:12:24.693 |
| Finish time | 2024-06-11 22:12:24.696 |

Restauración Full Backup Actividad 4



The screenshot shows two windows of the DBeaver database tool. The top window displays a terminal session for MySQL, specifically for the 'clinicaMedica' database. The command being run is:

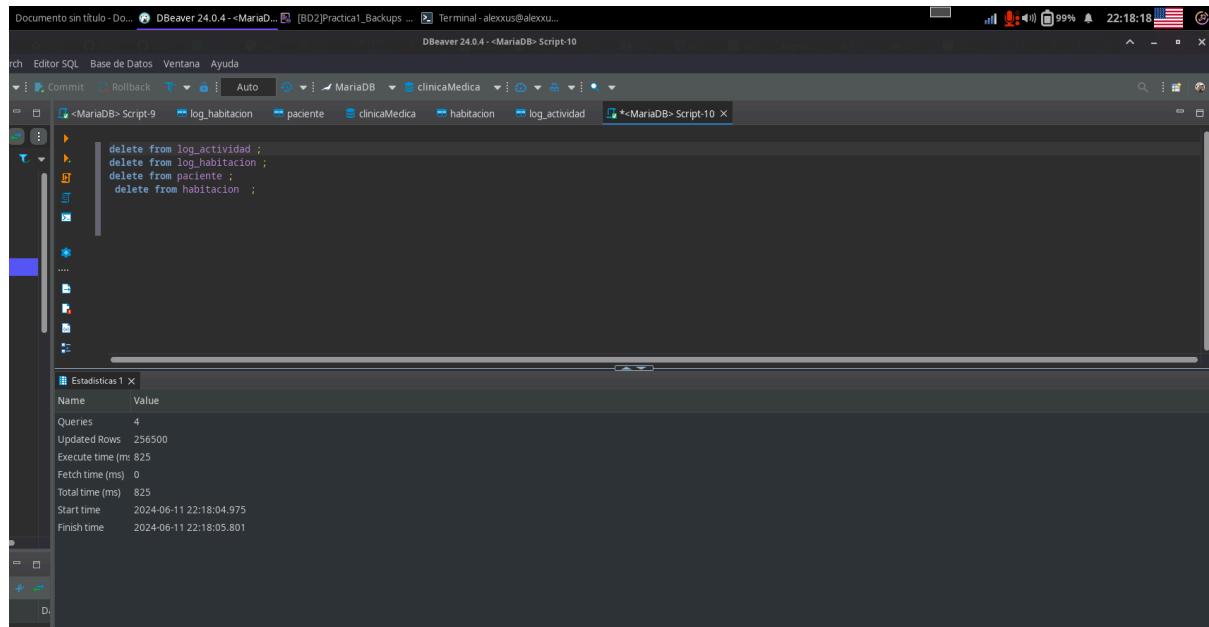
```
mysql -u root -ppassword clinicaMedica < ./Actividad4/fullBackUpActividad4.sql
```

The bottom window also shows a terminal session for MySQL, also connected to the 'clinicaMedica' database. It displays the same command:

```
mysql -u root -ppassword clinicaMedica < ./Actividad4/fullBackUpActividad4.sql
```

In both sessions, the command is preceded by a series of error messages related to deprecated program names and character set issues.

**mysql -u root -ppassword clinicaMedica <
./Practica1/Actividad4/fullBackUpActividad4.sql**



Documento sin título - DBeaver 24.0.4 - <MariaDB> [BD2]Práctica1_Backups ... Terminal - alexxus@alex...
DBeaver 24.0.4 - <MariaDB> Script-10

Arch Editor SQL Base de Datos Ventana Ayuda

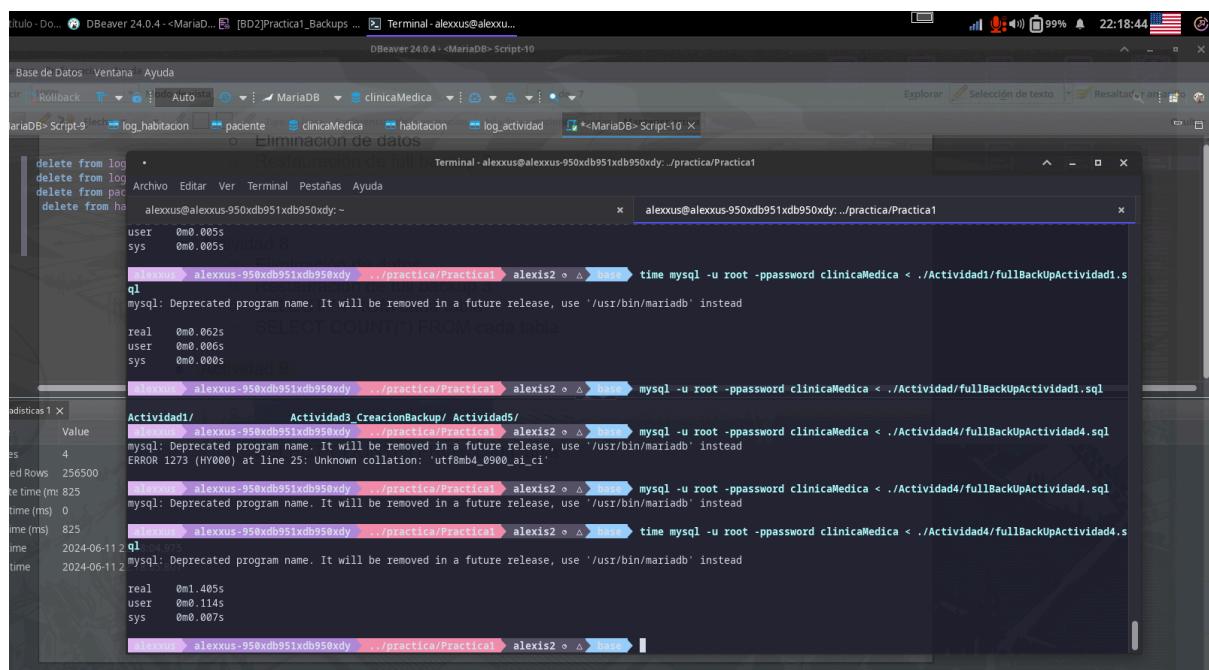
<MariaDB> Script-9 log_habitacion paciente clínicaMedica habitación log_actividad *<MariaDB> Script-10

```
delete from log_actividad ;
delete from log_habitacion ;
delete from paciente ;
delete from habitación ;
```

Estadísticas 1 X

Name	Value
Queries	4
Updated Rows	256500
Execute time (ms)	825
Fetch time (ms)	0
Total time (ms)	825
Start time	2024-06-11 22:18:04.975
Finish time	2024-06-11 22:18:05.801

time mysql -u root -ppassword clínicaMedica < ./Práctica1/Actividad4/fullBackUpActividad4.sql



Documento sin título - DBeaver 24.0.4 - <MariaDB> [BD2]Práctica1_Backups ... Terminal - alexxus@alex...
DBeaver 24.0.4 - <MariaDB> Script-10

Base de Datos Ventana Ayuda

MariaDB> Script-9 log_habitacion paciente clínicaMedica habitación log_actividad *<MariaDB> Script-10

Eliminación de datos

```
delete from log ;
delete from log ;
delete from paciente ;
delete from habitación ;
```

Terminal - alexxus@alex...:~/práctica/Práctica1> time mysql -u root -ppassword clínicaMedica < ./Actividad4/fullBackUpActividad4.sql

```
alexus@alex...:~/práctica/Práctica1> alexis2 ~ % time mysql -u root -ppassword clínicaMedica < ./Actividad4/fullBackUpActividad4.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
real    0m0.062s
user    0m0.006s
sys     0m0.000s
SELECT COUNT(*) FROM cada tabla
alexus@alex...:~/práctica/Práctica1> alexis2 ~ % time mysql -u root -ppassword clínicaMedica < ./Actividad4/fullBackUpActividad4.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
real    0m1.405s
user    0m0.114s
sys     0m0.007s
```

Estadísticas 1 X

Actividad1	Actividad2 CreaciónBackup/ Actividad5/
Value	alexus@alex...:~/práctica/Práctica1> alexis2 ~ % time mysql -u root -ppassword clínicaMedica < ./Actividad4/fullBackUpActividad4.sql
Queries	mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
Updated Rows	ERROR 1273 (HY000) at line 25: Unknown collation: 'utf8mb4_0900_ai_ci'
Execute time (ms)	825
Fetch time (ms)	0
Total time (ms)	825
Start time	2024-06-11 22:04:07.575
Finish time	2024-06-11 22:04:08.390

```

alexus@alexus-950xdb951xdb950xdy: ~          alexus@alexus-950xdb951xdb950xdy: ./practica/Practica1
alexus-950xdb951xdb950xdy ./practica/Practica1 alexis2 o ▶ base time mysql -u root -ppassword clinicaMedica < ./Actividad4/fullBackUpActividad4.s
ql acción :
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead

real 0m1.405s
user 0m0.114s
sys 0m0.007s
Ejecutando el full backup...
alexus@alexus-950xdb951xdb950xdy ./practica/Practica1 alexis2 o ▶ base time mysql -u root -ppassword clinicaMedica < ./Actividad4/fullBackUpActividad4.s
ql acción :
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead

real 0m1.580s
user 0m0.121s
sys 0m0.007s
Guardado
alexus@alexus-950xdb951xdb950xdy ./practica/Practica1 alexis2 o ▶ base time mysql -u root -ppassword clinicaMedica < ./Actividad4/fullBackUpActividad4.s
ql acción :
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead

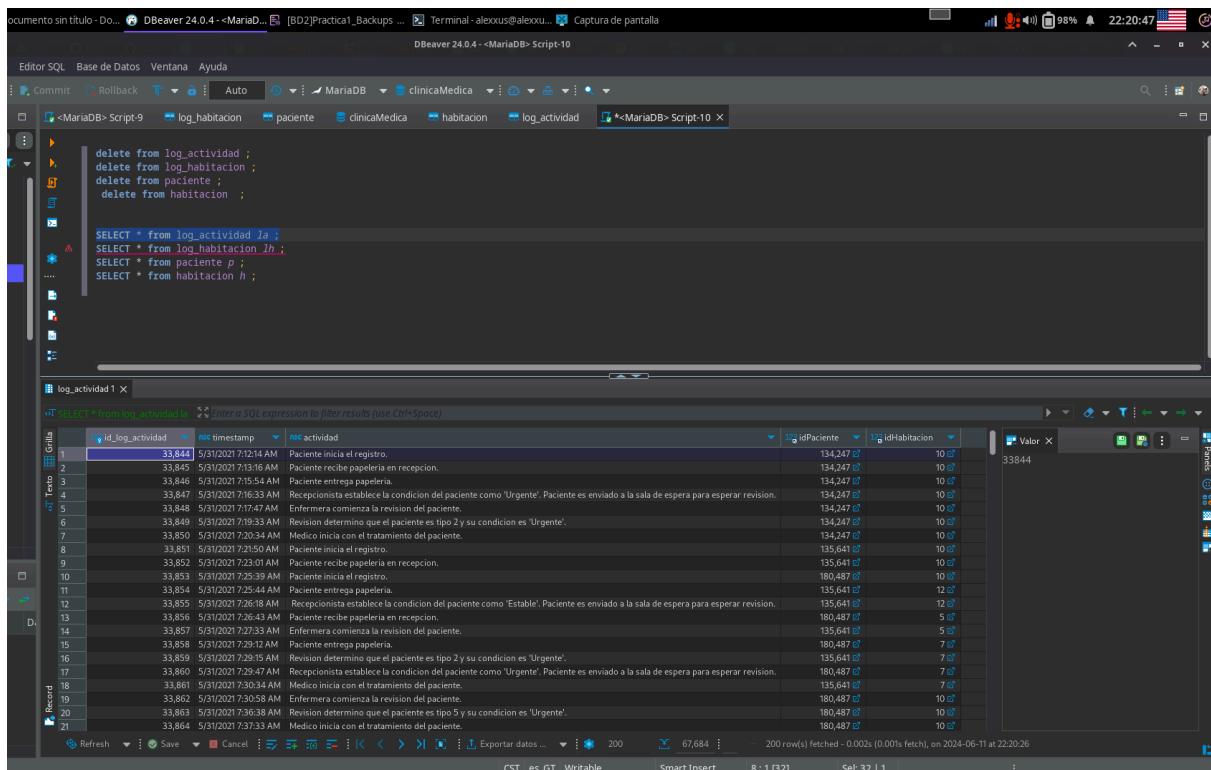
real 0m1.540s
user 0m0.119s
sys 0m0.008s
Guardado
alexus@alexus-950xdb951xdb950xdy ./practica/Practica1 alexis2 o ▶ base time mysql -u root -ppassword clinicaMedica < ./Actividad4/fullBackUpActividad4.s
ql acción :
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead

real 0m1.438s
user 0m0.104s
sys 0m0.014s
Guardado

```

SELECT * FROM

SELECT * FROM log_actividad;



The screenshot shows the DBeaver interface with the following details:

- Toolbar:** Includes tabs for Editor SQL, Base de Datos, Ventana, Ayuda, Commit, Rollback, and various connection and script management buttons.
- Script Editor:** Shows a script named "Script-10" containing the following SQL code:

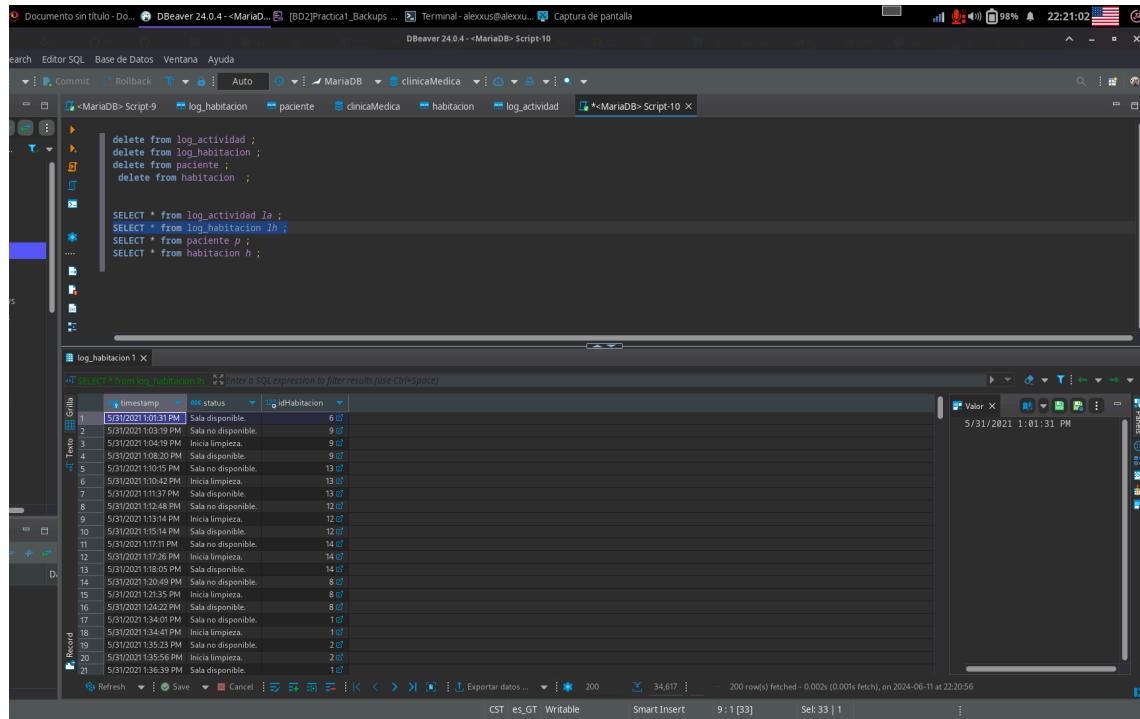

```

delete from log_actividad ;
delete from log_habitacion ;
delete from paciente ;
delete from habitacion ;

SELECT * from log_actividad ja ;
SELECT * from log_habitacion lh ;
SELECT * from paciente p ;
SELECT * from habitacion h ;
            
```
- Result Grid:** A table titled "log_actividad 1" showing the results of the query. The columns are:

	id_log_actividad	timestamp	actividad	idPaciente	idHabitacion	Valor
1	33.841	5/31/2021 7:12:14 AM	Paciente inicia el registro.	134,247	10	153,641
2	33.845	5/31/2021 7:13:01 AM	Paciente recibe papelera en recepción.	134,247	10	153,641
3	33.846	5/31/2021 7:15:54 AM	Paciente entrega papelera.	134,247	10	180,487
4	33.847	5/31/2021 7:16:33 AM	Recepcionista establece la condición del paciente como 'Urgente'. Paciente es enviado a la sala de espera para esperar revisión.	134,247	10	135,641
5	33.848	5/31/2021 7:17:47 AM	Enfermera comienza la revisión del paciente.	134,247	10	135,641
6	33.849	5/31/2021 7:19:33 AM	Revisión determinó que el paciente es tipo 2 y su condición es 'Urgente'.	134,247	10	135,641
7	33.850	5/31/2021 7:20:34 AM	Medico inicia con el tratamiento del paciente.	134,247	10	135,641
8	33.851	5/31/2021 7:21:50 AM	Paciente inicia el registro.	135,641	10	135,641
9	33.852	5/31/2021 7:23:01 AM	Paciente recibe papelera en recepción.	135,641	10	135,641
10	33.853	5/31/2021 7:25:39 AM	Paciente inicia el registro.	180,487	10	180,487
11	33.854	5/31/2021 7:25:44 AM	Paciente entrega papelera.	135,641	12	135,641
12	33.855	5/31/2021 7:26:18 AM	Recepcionista establece la condición del paciente como 'Estable'. Paciente es enviado a la sala de espera para esperar revisión.	135,641	12	135,641
13	33.856	5/31/2021 7:26:43 AM	Paciente recibe papelera en recepción.	180,487	5	180,487
14	33.857	5/31/2021 7:27:33 AM	Enfermera comienza la revisión del paciente.	135,641	5	135,641
15	33.858	5/31/2021 7:29:12 AM	Paciente entrega papelera.	180,487	7	180,487
16	33.859	5/31/2021 7:29:15 AM	Revisión determinó que el paciente es tipo 2 y su condición es 'Urgente'.	135,641	7	135,641
17	33.860	5/31/2021 7:29:47 AM	Recepcionista establece la condición del paciente como 'Urgente'. Paciente es enviado a la sala de espera para esperar revisión.	180,487	7	180,487
18	33.861	5/31/2021 7:30:34 AM	Medico inicia con el tratamiento del paciente.	135,641	7	135,641
19	33.862	5/31/2021 7:30:58 AM	Enfermera comienza la revisión del paciente.	180,487	10	180,487
20	33.863	5/31/2021 7:36:38 AM	Revisión determinó que el paciente es tipo 5 y su condición es 'Urgente'.	180,487	10	180,487
21	33.864	5/31/2021 7:37:33 AM	Medico inicia con el tratamiento del paciente.	180,487	10	180,487
- Bottom Status Bar:** Shows connection information (CST, es_GT, Writable), row count (67,684), and timestamp (200 rows fetched - 0.000s (0.001s fetch), on 2024-06-11 at 22:20:26).

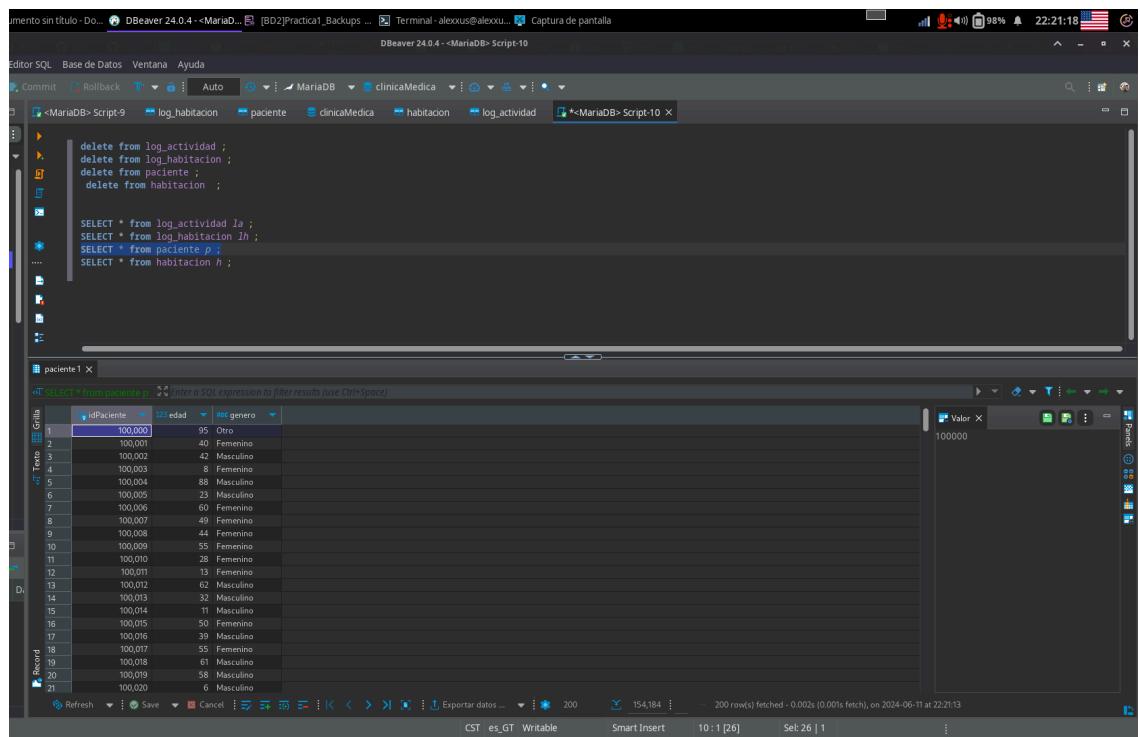
SELECT * FROM log_habitacion;



The screenshot shows the DBeaver interface with the query results for the log_habitacion table. The table has three columns: timestamp, msc_status, and idHabitacion. The data shows a series of log entries from May 31, 2021, at 1:01:31 PM, detailing the status changes of various rooms over time.

Record	timestamp	msc_status	idHabitacion
1	5/31/2021 1:01:31 PM	Sala disponible.	6
2	5/31/2021 1:03:39 PM	Sala no disponible.	9
3	5/31/2021 1:04:39 PM	Inicia limpieza.	9
4	5/31/2021 1:08:20 PM	Sala disponible.	9
5	5/31/2021 1:10:15 PM	Sala no disponible.	13
6	5/31/2021 1:10:42 PM	Inicia limpieza.	13
7	5/31/2021 1:13:37 PM	Sala disponible.	13
8	5/31/2021 1:12:48 PM	Sala no disponible.	12
9	5/31/2021 1:13:00 PM	Inicia limpieza.	12
10	5/31/2021 1:15:55 PM	Sala disponible.	12
11	5/31/2021 1:17:55 PM	Sala disponible.	14
12	5/31/2021 1:17:26 PM	Inicia limpieza.	14
13	5/31/2021 1:18:05 PM	Sala disponible.	14
14	5/31/2021 1:20:49 PM	Sala no disponible.	8
15	5/31/2021 1:21:35 PM	Inicia limpieza.	8
16	5/31/2021 1:24:22 PM	Sala disponible.	8
17	5/31/2021 1:34:01 PM	Sala no disponible.	1
18	5/31/2021 1:34:41 PM	Inicia limpieza.	1
19	5/31/2021 1:35:23 PM	Sala no disponible.	2
20	5/31/2021 1:35:56 PM	Inicia limpieza.	2
21	5/31/2021 1:36:39 PM	Sala disponible.	1

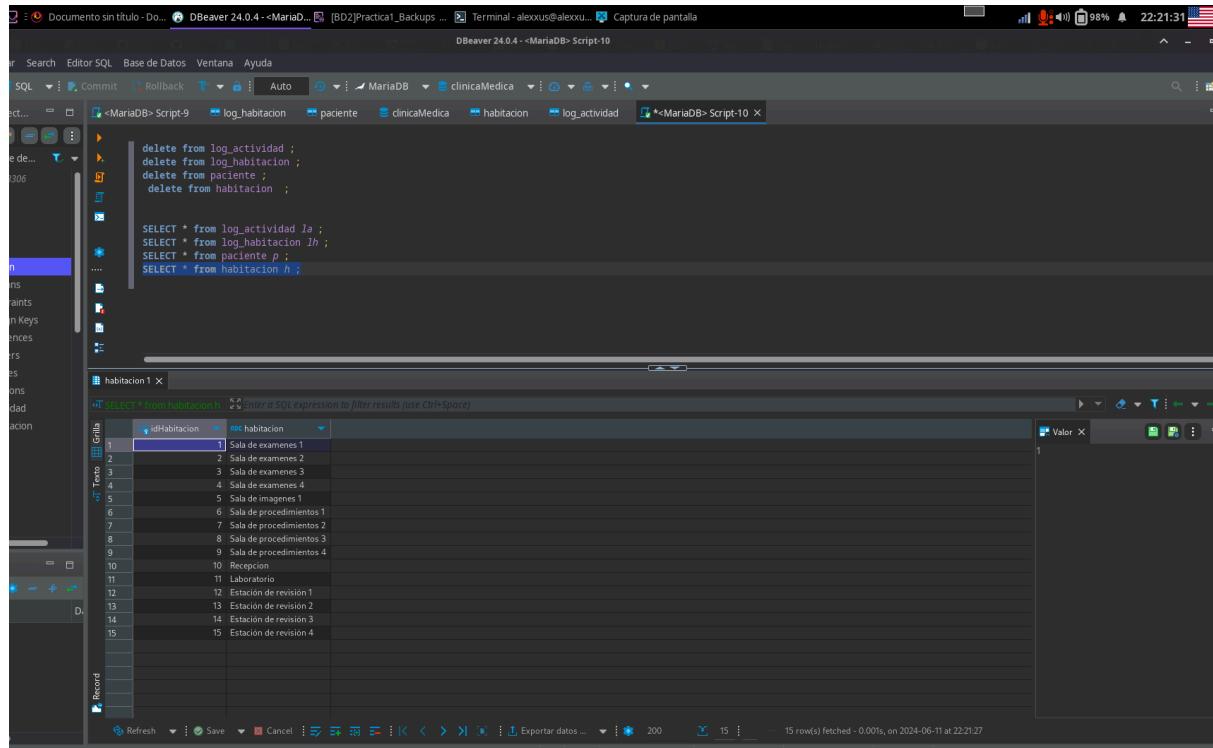
SELECT * FROM paciente;



The screenshot shows the DBeaver interface with the query results for the paciente table. The table has four columns: idPaciente, estad, msc_genero, and nombre. The data shows a list of patient records, with the last record being a placeholder entry with ID 100,000.

Record	idPaciente	estad	msc_genero	nombre
1	100,000	95	Otro	
2	100,001	40	Femenino	
3	100,002	42	Masculino	
4	100,003	8	Femenino	
5	100,004	88	Masculino	
6	100,005	23	Masculino	
7	100,006	60	Femenino	
8	100,007	49	Femenino	
9	100,008	44	Femenino	
10	100,009	55	Femenino	
11	100,010	28	Femenino	
12	100,011	13	Femenino	
13	100,012	62	Masculino	
14	100,013	32	Masculino	
15	100,014	11	Masculino	
16	100,015	50	Femenino	
17	100,016	39	Masculino	
18	100,017	55	Femenino	
19	100,018	61	Masculino	
20	100,019	58	Masculino	
21	100,020	6	Masculino	

SELECT * FROM habitacion;

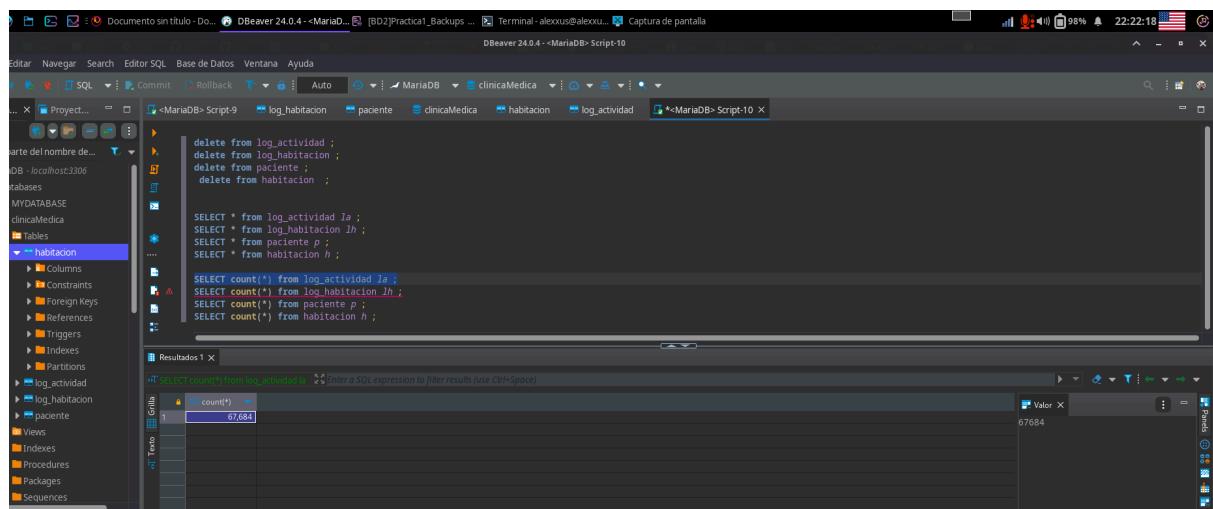


The screenshot shows the DBBeaver interface with the 'habitacion' table selected. The table has two columns: 'idHabitacion' and 'nsc_habitacion'. The data consists of 15 rows, each containing a unique identifier and a room name. The results are displayed in a grid format with a dark theme.

idHabitacion	nsc_habitacion
1	Sala de exámenes 1
2	Sala de exámenes 2
3	Sala de exámenes 3
4	Sala de exámenes 4
5	Sala de imágenes 1
6	Sala de procedimientos 1
7	Sala de procedimientos 2
8	Sala de procedimientos 3
9	Sala de procedimientos 4
10	Recepción
11	Laboratorio
12	Estación de revisión 1
13	Estación de revisión 2
14	Estación de revisión 3
15	Estación de revisión 4

SELECT COUNT (*) FROM

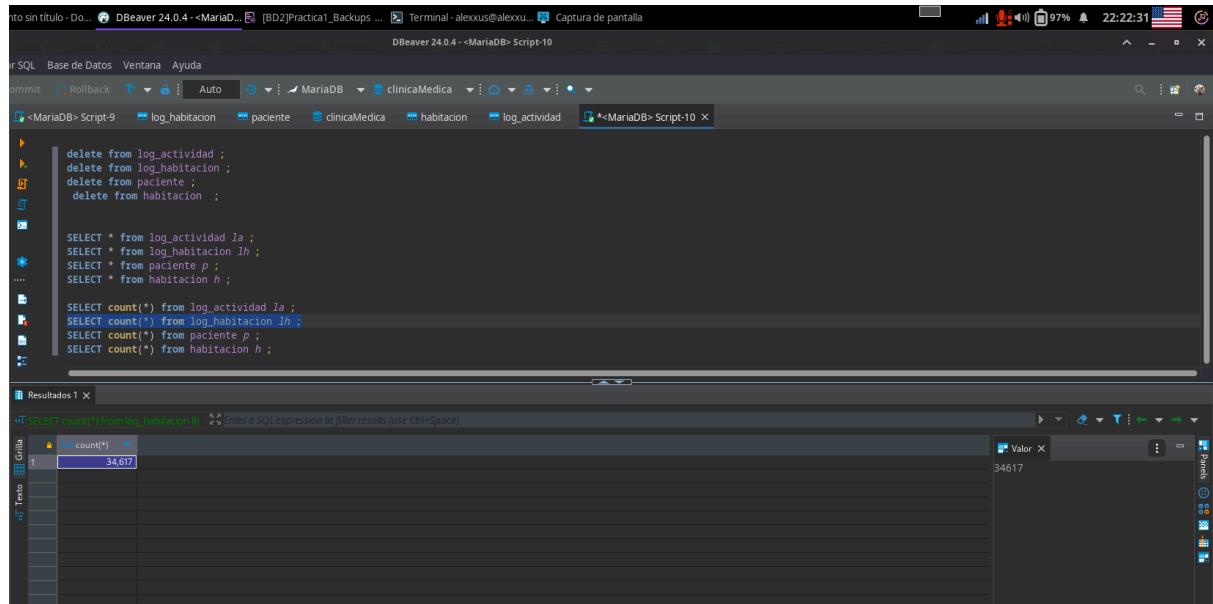
SELECT COUNT(*) FROM log_actividad;



The screenshot shows the DBBeaver interface with the 'log_actividad' table selected. The query executed is 'SELECT count(*) from log_actividad'. The result is a single row with a column labeled 'count(*)' containing the value 67684. The results are displayed in a grid format with a dark theme.

count(*)
67684

SELECT COUNT (*) FROM log_habitacion;



The screenshot shows the DBeaver interface with a script editor containing the following SQL code:

```
delete from log_actividad ;
delete from log_habitacion ;
delete from paciente ;
delete from habitacion ;

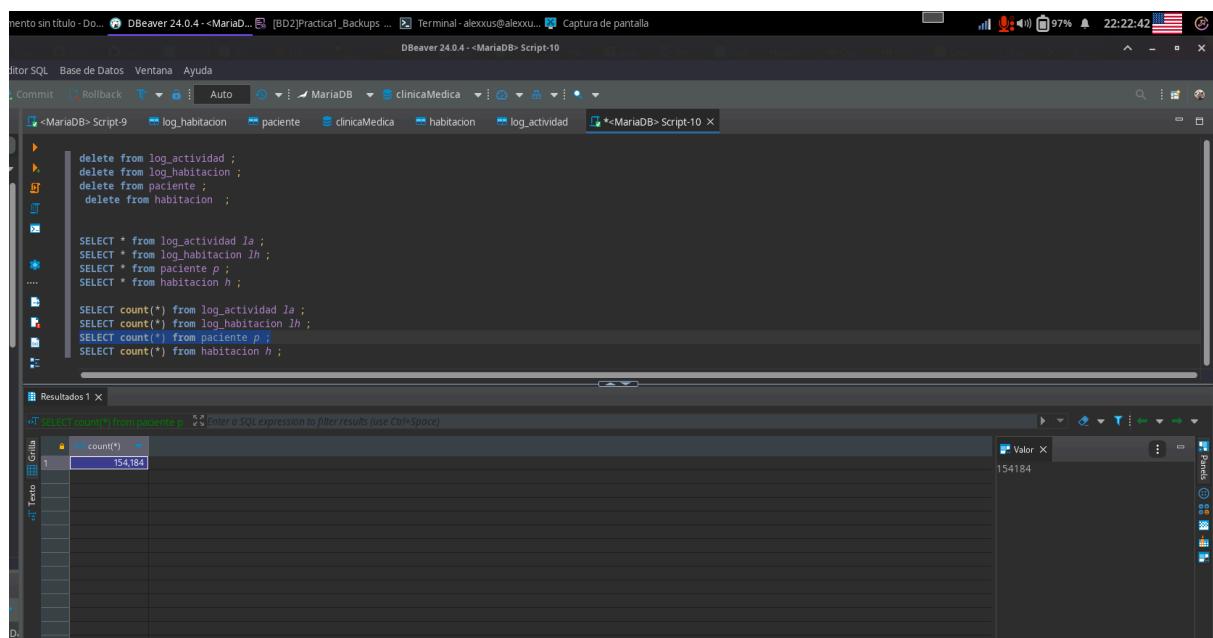
SELECT * from log_actividad la ;
SELECT * from log_habitacion lh ;
SELECT * from paciente p ;
SELECT * from habitacion h ;

SELECT count(*) from log_actividad la ;
SELECT count(*) from log_habitacion lh ;
SELECT count(*) from paciente p ;
SELECT count(*) from habitacion h ;
```

The results pane shows a single row with the value 34617.

count(*)
34617

SELECT COUNT(*) FROM paciente;



The screenshot shows the DBeaver interface with a script editor containing the following SQL code:

```
delete from log_actividad ;
delete from log_habitacion ;
delete from paciente ;
delete from habitacion ;

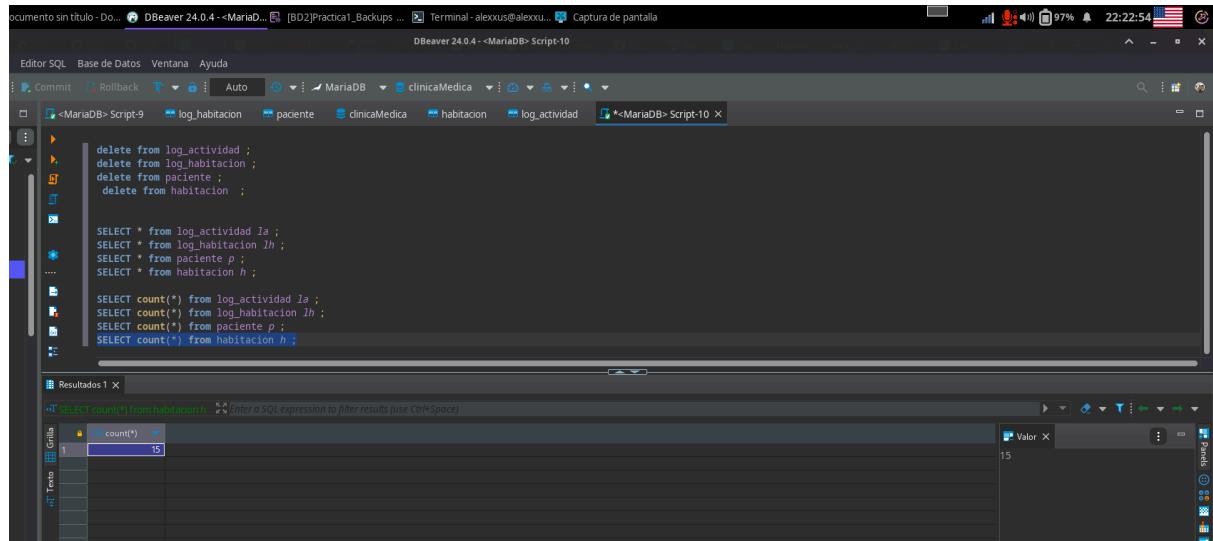
SELECT * from log_actividad la ;
SELECT * from log_habitacion lh ;
SELECT * from paciente p ;
SELECT * from habitacion h ;

SELECT count(*) from log_actividad la ;
SELECT count(*) from log_habitacion lh ;
SELECT count(*) from paciente p ;
SELECT count(*) from habitacion h ;
```

The results pane shows a single row with the value 154184.

count(*)
154184

SELECT COUNT(*) FROM habitacion;



The screenshot shows the DBeaver 24.0.4 interface with the following details:

- Editor SQL:** Contains the following SQL code:

```
delete from log_actividad ;
delete from log_habitacion ;
delete from paciente ;
delete from habitacion ;

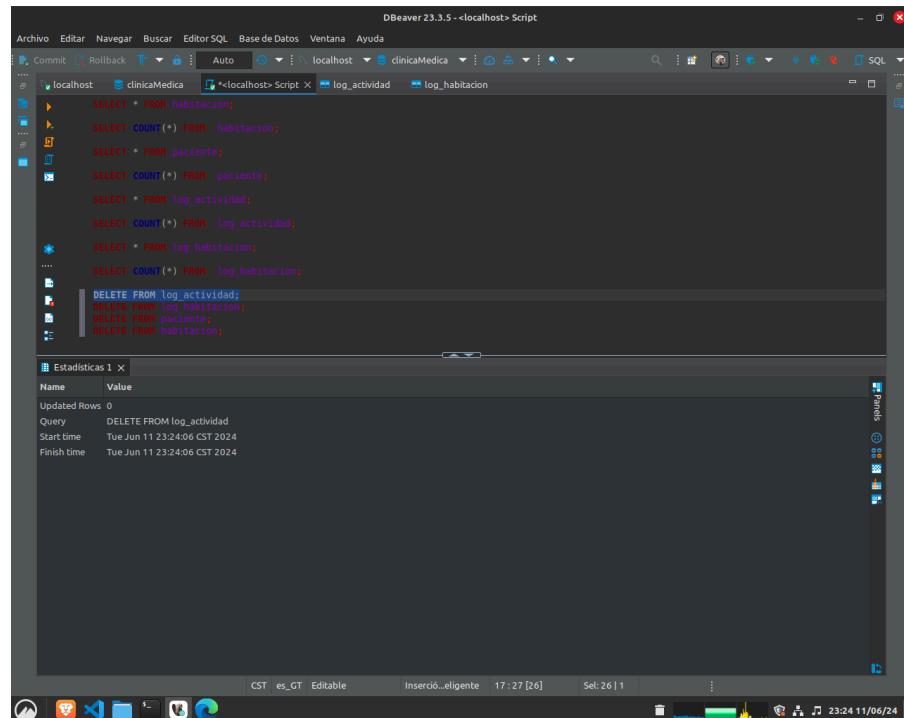
SELECT * from log_actividad la ;
SELECT * from log_habitacion lh ;
SELECT * from paciente p ;
SELECT * from habitacion h ;

SELECT count(*) from log_actividad la ;
SELECT count(*) from log_habitacion lh ;
SELECT count(*) from paciente p ;
SELECT count(*) from habitacion h ;
```
- Resultados1:** Shows the result of the last query:

Count(*)
15

Actividad 10

Eliminación de datos



The screenshot shows the DBeaver 23.3.5 interface with the following details:

- Editor SQL:** Contains the following SQL code:

```
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;

DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;
```
- Estadísticas 1:** Shows the number of rows deleted:

Name	Value
Updated Rows	0
Query	DELETE FROM log_actividad
Start time	Tue Jun 11 23:24:06 CST 2024
Finish time	Tue Jun 11 23:24:06 CST 2024

DBeaver 23.3.5 - <localhost> Script

```
Archivo Editar Navegar Buscar EditorSQL Base de Datos Ventana Ayuda
Commit Rollback Auto localhost clínicaMedica <localhost> Script log_actividad log_habitacion
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;
DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;
```

Estadísticas 1 ×

Name	Value
Updated Rows	0
Query	DELETE FROM log_habitacion
Start time	Tue Jun 11 23:24:20 CST 2024
Finish time	Tue Jun 11 23:24:20 CST 2024

CST es_GT Editable Inserció...eligente 18:1 [27] Sel: 27 | 1

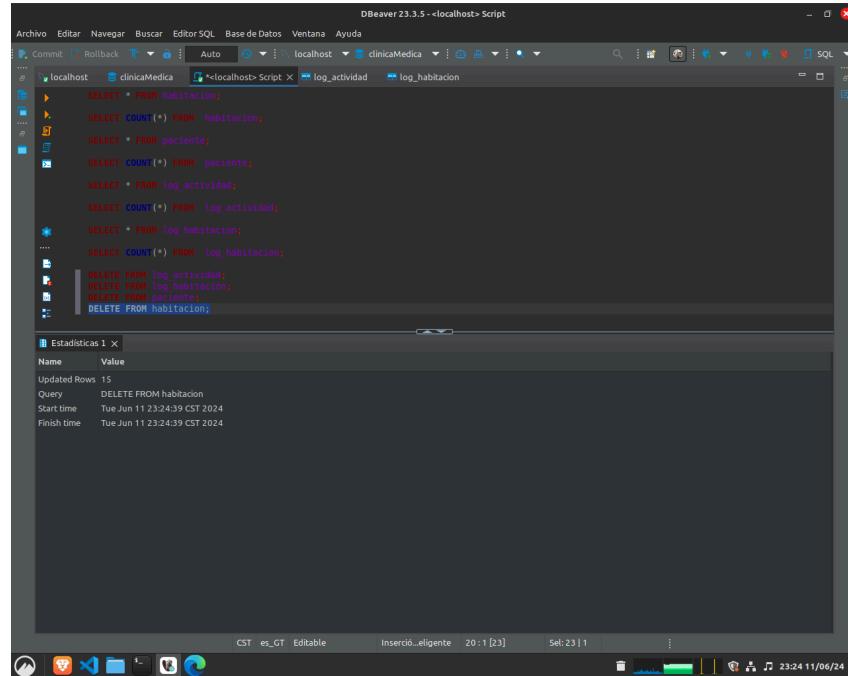
DBeaver 23.3.5 - <localhost> Script

```
Archivo Editar Navegar Buscar EditorSQL Base de Datos Ventana Ayuda
Commit Rollback Auto localhost clínicaMedica <localhost> Script log_actividad log_habitacion
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;
DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;
```

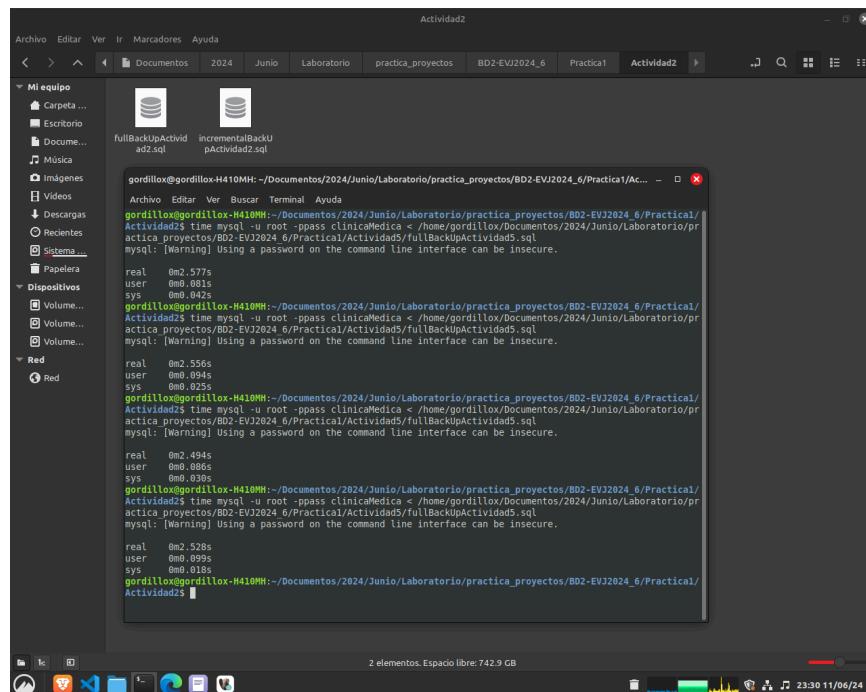
Estadísticas 1 ×

Name	Value
Updated Rows	154184
Query	DELETE FROM paciente
Start time	Tue Jun 11 23:24:30 CST 2024
Finish time	Tue Jun 11 23:24:31 CST 2024

CST es_GT Editable Inserció...eligente 19:1 [21] Sel: 21 | 1

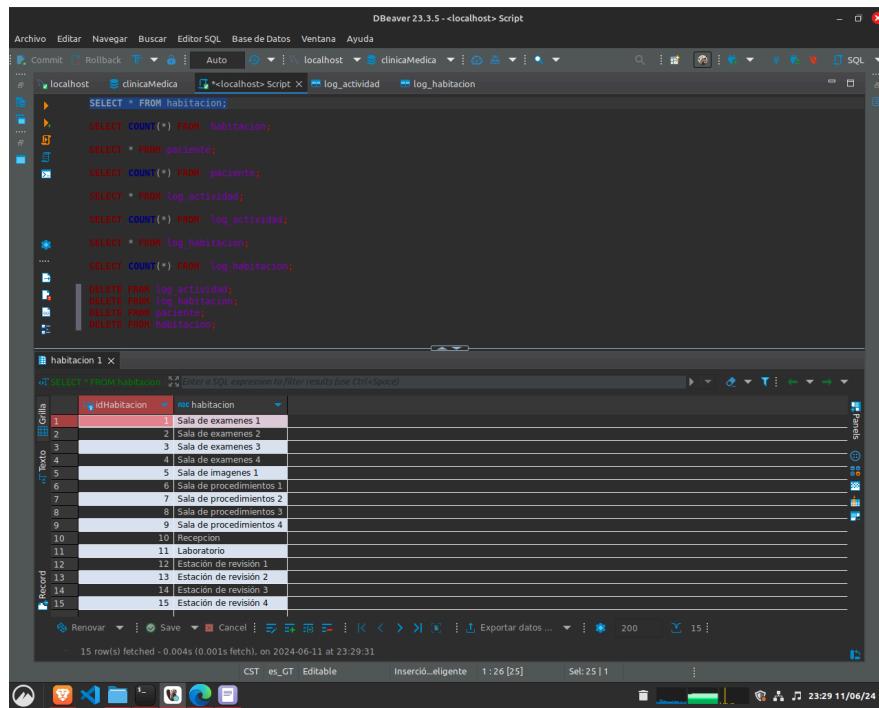


Restauración Full Backup Actividad 5



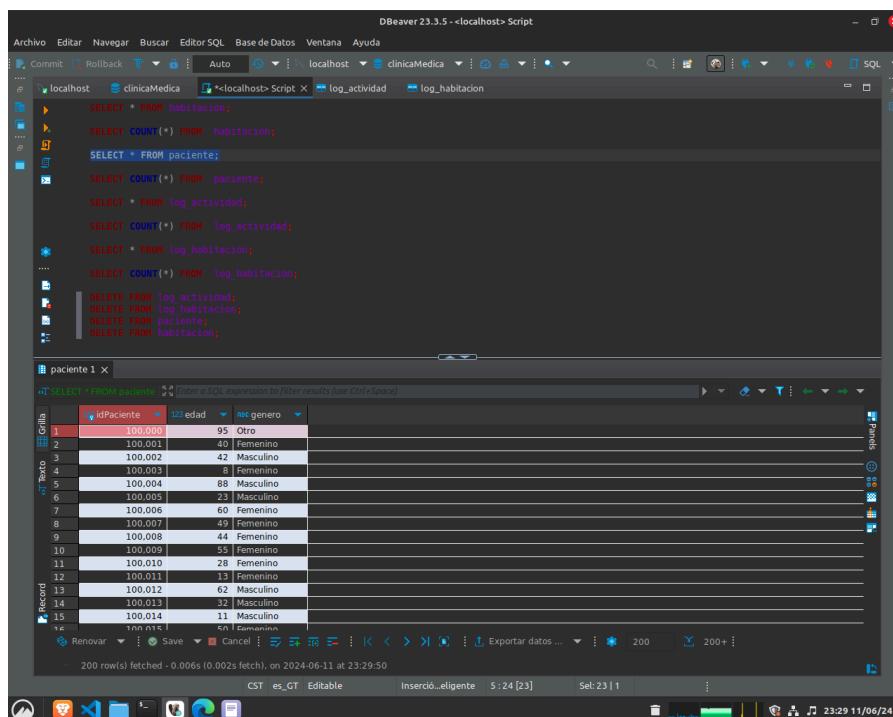
```
time mysql -u root -ppass clinicaMedica <
/home/gordillox/Documentos/2024/Junio/Laboratorio/practica_proyectos/BD2-EVJ202
4_6/Practica1/Actividad5/fullBackUpActividad5.sql
```

**SELECT * FROM
SELECT * FROM habitacion;**



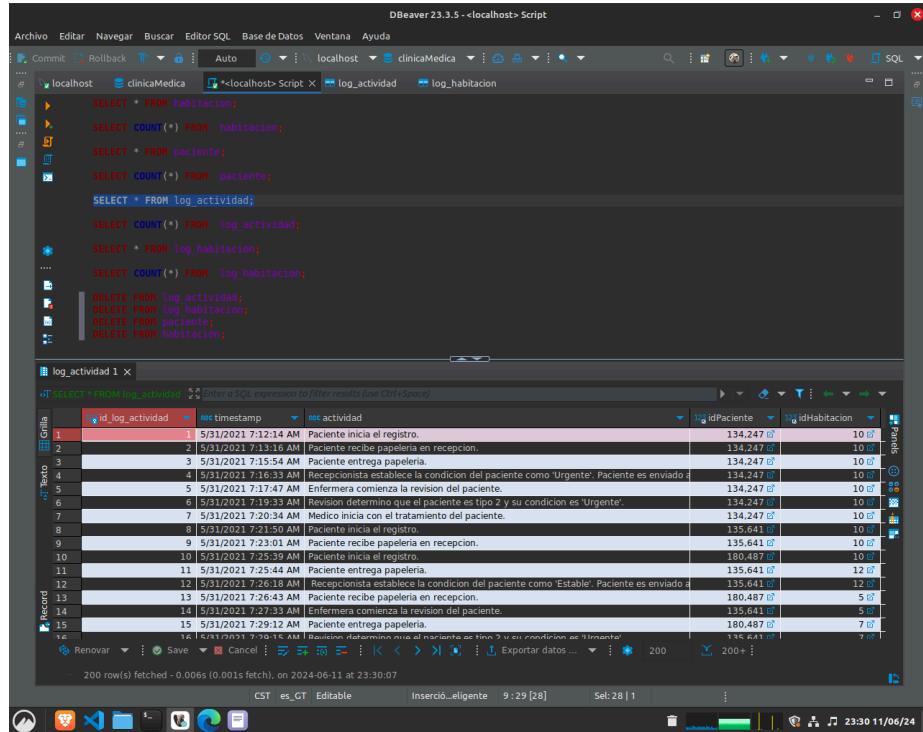
idHabitacion	nombre
1	Sala de exámenes 1
2	Sala de exámenes 2
3	Sala de exámenes 3
4	Sala de exámenes 4
5	Sala de procedimientos 1
6	Sala de procedimientos 1
7	Sala de procedimientos 2
8	Sala de procedimientos 3
9	Sala de procedimientos 4
10	Recepción
11	Laboratorio
12	Estación de revisión 1
13	Estación de revisión 2
14	Estación de revisión 3
15	Estación de revisión 4

SELECT * FROM paciente;



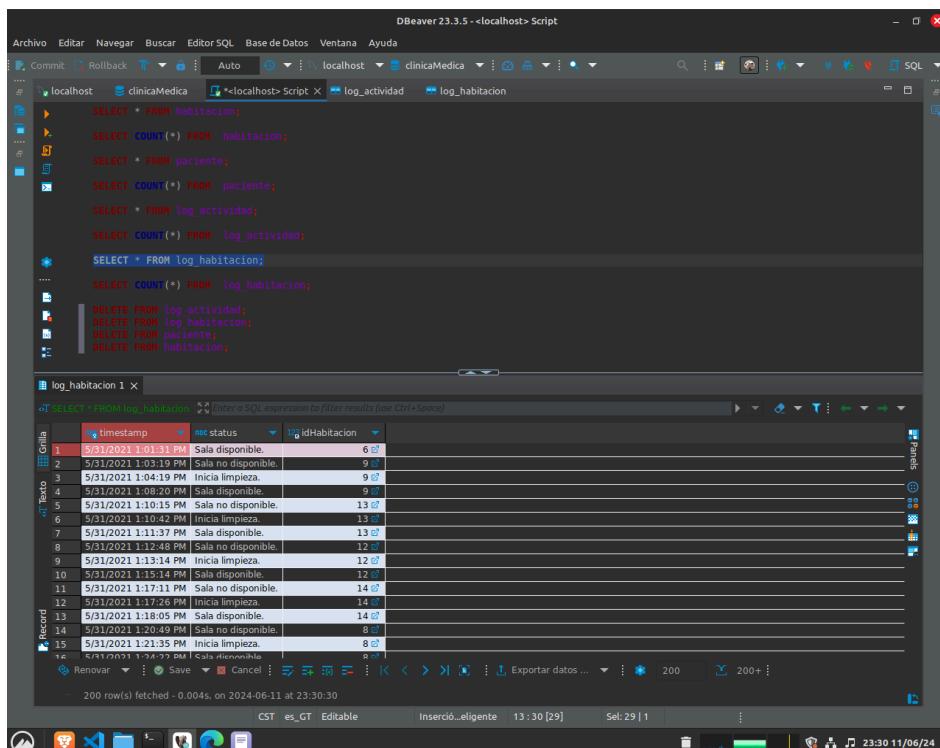
idPaciente	edad	genero
1	95	Otro
2	100.001	Hembra
3	100.002	Masculino
4	100.003	Femenina
5	100.004	Masculino
6	100.005	Masculino
7	100.006	Femenina
8	100.007	Femenina
9	100.008	Femenino
10	100.009	Femenina
11	100.010	Femenino
12	100.011	Femenina
13	100.012	Masculino
14	100.013	Masculino
15	100.014	Masculino
16	100.015	Otro

SELECT * FROM log_actividad;



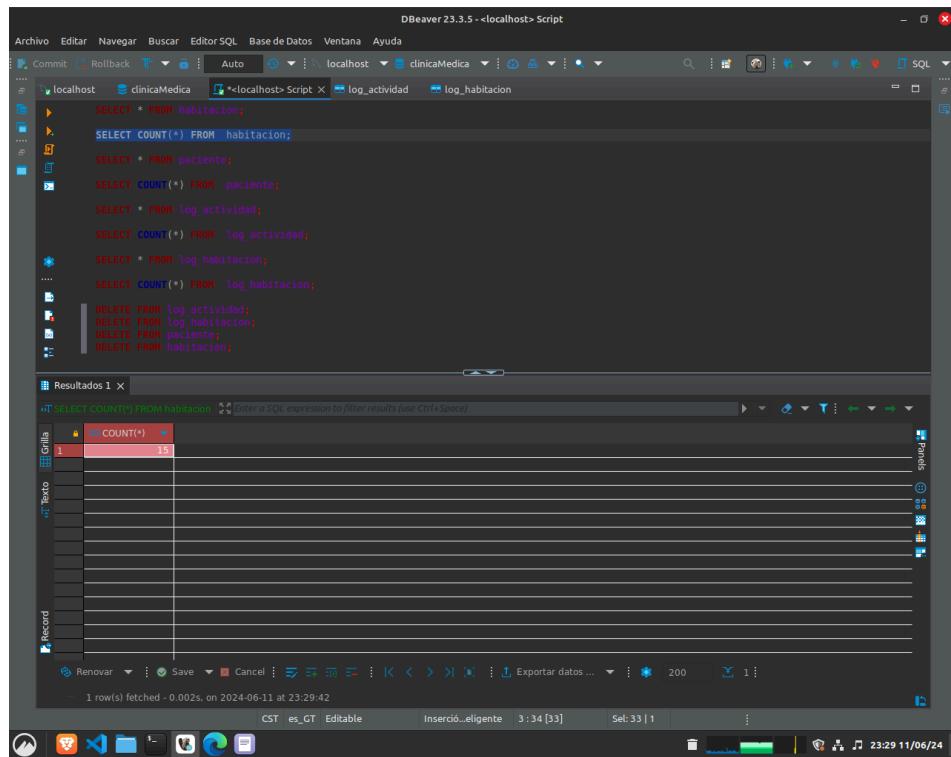
id_log_actividad	timestamp	actividad	idpaciente	idHabitacion
1	5/31/2021 7:12:14 AM	Paciente ingresa el registro.	134,247	10
2	5/31/2021 7:13:16 AM	Paciente recibe papelería en recepción.	134,247	10
3	5/31/2021 7:15:54 AM	Paciente entrega papelería.	134,247	10
4	5/31/2021 7:16:33 AM	Recepcionista establece la condición del paciente como 'Urgente'. Paciente es enviado a la enfermería.	134,247	10
5	5/31/2021 7:17:47 AM	Enfermera comienza la revisión del paciente.	134,247	10
6	5/31/2021 7:19:33 AM	Revisión determinó que el paciente es tipo 2 y su condición es 'Urgente'.	134,247	10
7	5/31/2021 7:20:34 AM	Medico inicia con el tratamiento del paciente.	134,247	10
8	5/31/2021 7:21:50 AM	Paciente ingresa el registro.	135,641	10
9	5/31/2021 7:25:30 AM	Paciente recibe papelería en recepción.	135,641	10
10	5/31/2021 7:25:44 AM	Paciente entrega papelería.	135,641	10
11	5/31/2021 7:26:18 AM	Recepcionista establece la condición del paciente como 'Estable'. Paciente es enviado a la enfermería.	135,641	12
12	5/31/2021 7:26:43 AM	Paciente recibe papelería en recepción.	135,641	12
13	5/31/2021 7:27:23 AM	Enfermera comienza la revisión del paciente.	135,641	5
14	5/31/2021 7:29:12 AM	Enfermera completa la revisión del paciente.	135,641	5
15	5/31/2021 7:29:12 AM	Paciente entrega papelería.	180,487	7

SELECT * FROM log_habitacion;



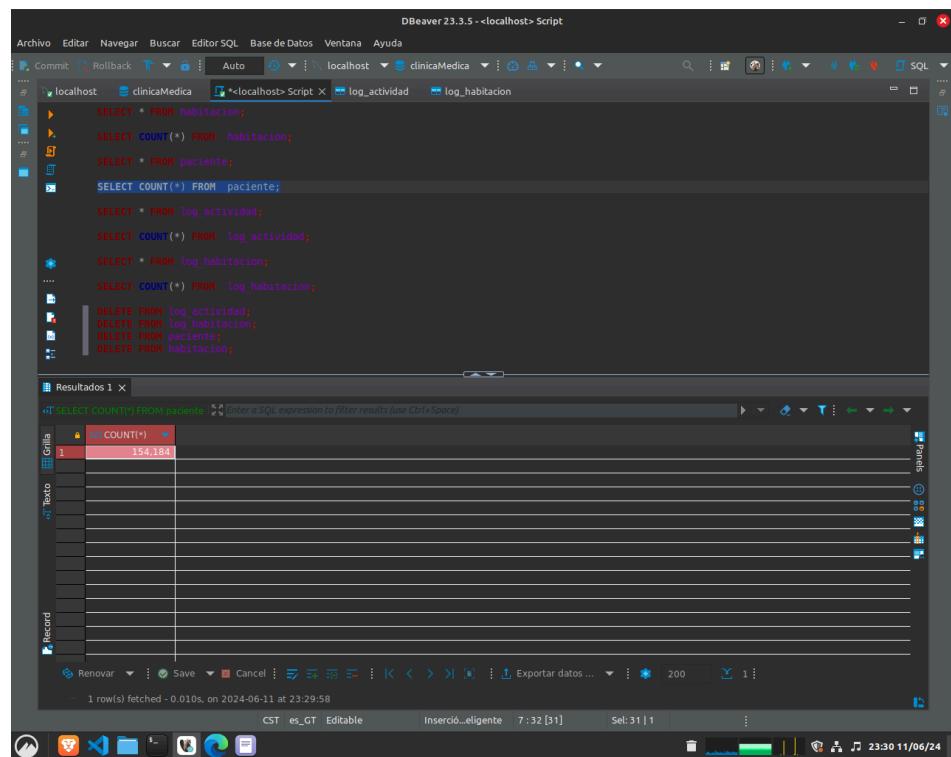
timestamp	status	idHabitacion
5/31/2021 1:01:31 PM	Sala disponible.	6
5/31/2021 1:03:19 PM	Sala no disponible.	9
5/31/2021 1:04:19 PM	Inicia limpieza.	9
5/31/2021 1:08:20 PM	Sala disponible.	9
5/31/2021 1:10:15 PM	Sala no disponible.	13
5/31/2021 1:10:42 PM	Inicia limpieza.	13
5/31/2021 1:11:37 PM	Sala disponible.	13
5/31/2021 1:12:48 PM	Sala no disponible.	12
5/31/2021 1:13:14 PM	Inicia limpieza.	12
5/31/2021 1:15:14 PM	Sala disponible.	12
5/31/2021 1:17:11 PM	Sala no disponible.	14
5/31/2021 1:17:26 PM	Inicia limpieza.	14
5/31/2021 1:18:05 PM	Sala disponible.	14
5/31/2021 1:20:49 PM	Sala no disponible.	8
5/31/2021 1:21:35 PM	Inicia limpieza.	8

**SELECT COUNT(*) FROM
SELECT COUNT(*) FROM habitacion;**



```
DBeaver 23.3.5 - <localhost> Script
Archivo Editar Navegar Buscar Editor SQL Base de Datos Ventana Ayuda
localhost clínicaMedica <localhost> Script log_actividad log_habitacion
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;
DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;

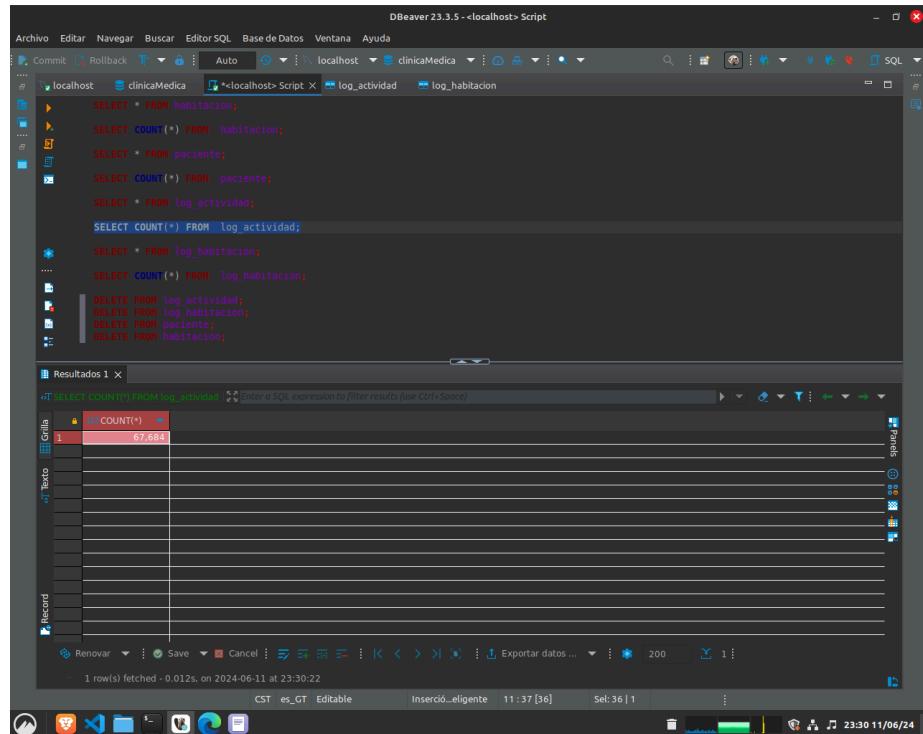
Resultados 1 x
d) SELECT COUNT(*) FROM habitacion; Enter a SQL expression to filter results (use Ctrl+Space)
Grilla 1 15
Texto
Record
Renovar Save Cancel Exportar datos ... 200 1
1 row(s) fetched - 0.002s, on 2024-06-11 at 23:29:42
CST es_GT Editable Inserci...eligente 3 : 34 [33] Sel: 33 | 1 23:29 11/06/24
```



```
DBeaver 23.3.5 - <localhost> Script
Archivo Editar Navegar Buscar Editor SQL Base de Datos Ventana Ayuda
localhost clínicaMedica <localhost> Script log_actividad log_habitacion
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;
DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;

Resultados 1 x
d) SELECT COUNT(*) FROM paciente; Enter a SQL expression to filter results (use Ctrl+Space)
Grilla 1 154,184
Texto
Record
Renovar Save Cancel Exportar datos ... 200 1
1 row(s) fetched - 0.010s, on 2024-06-11 at 23:29:58
CST es_GT Editable Inserci...eligente 7 : 32 [31] Sel: 31 | 1 23:30 11/06/24
```

SELECT COUNT(*) FROM log_actividad;



DBeaver 23.3.5 - <localhost> Script

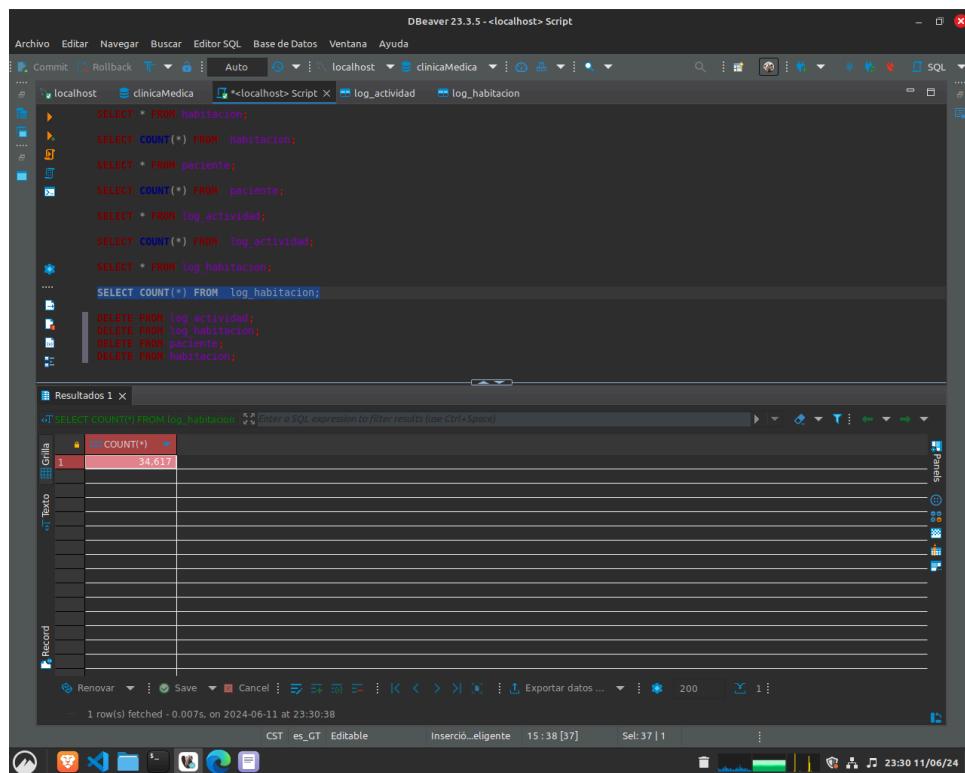
```
localhost clinicaMedica *<localhost> Script X log_actividad log_habitacion
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;
DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;
```

Resultados 1

Grilla
1 67.684

1 row(s) fetched - 0.012s, on 2024-06-11 at 23:30:22

SELECT * FROM log_habitacion;



DBeaver 23.3.5 - <localhost> Script

```
localhost clinicaMedica *<localhost> Script X log_actividad log_habitacion
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;
DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;
```

Resultados 1

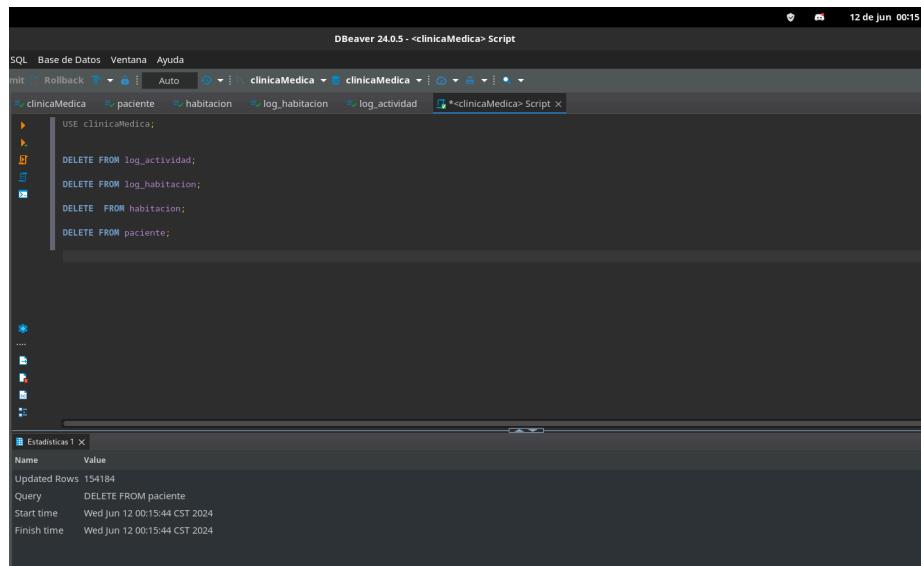
Grilla
1 34.617

1 row(s) fetched - 0.007s, on 2024-06-11 at 23:30:38

Restauración de Backup incremental

Actividad 11

Eliminación de datos

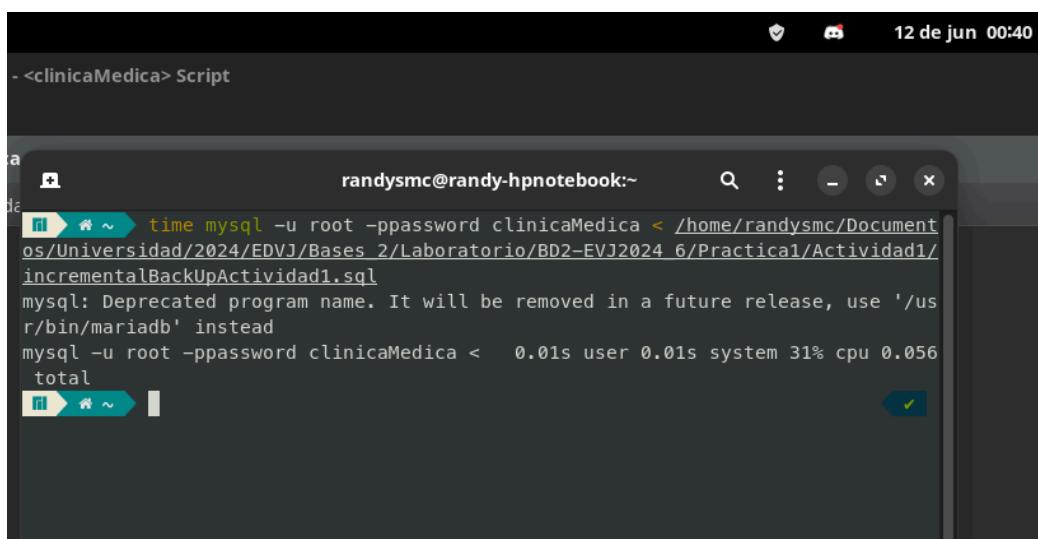


```
USE clinicaMedica;
DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM habitacion;
DELETE FROM paciente;
```

Estadísticas 1 X

Name	Value
Updated Rows	154184
Query	DELETE FROM paciente
Start time	Wed Jun 12 00:15:44 CST 2024
Finish time	Wed Jun 12 00:15:44 CST 2024

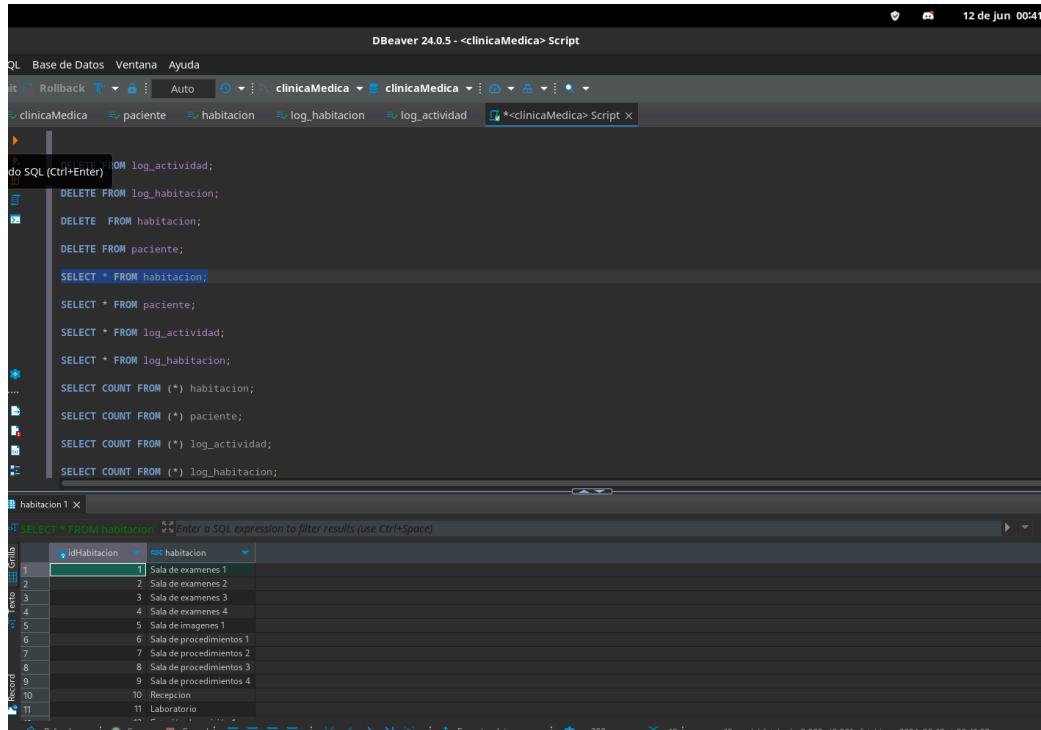
Restauración de Backup incremental Actividad 1



```
time mysql -u root -ppassword clinicaMedica < /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad1/incrementalBackUpActividad1.sql
```

```
mysql -u root -ppassword clinicaMedica < /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad1/incrementalBackUpActividad1.sql
```

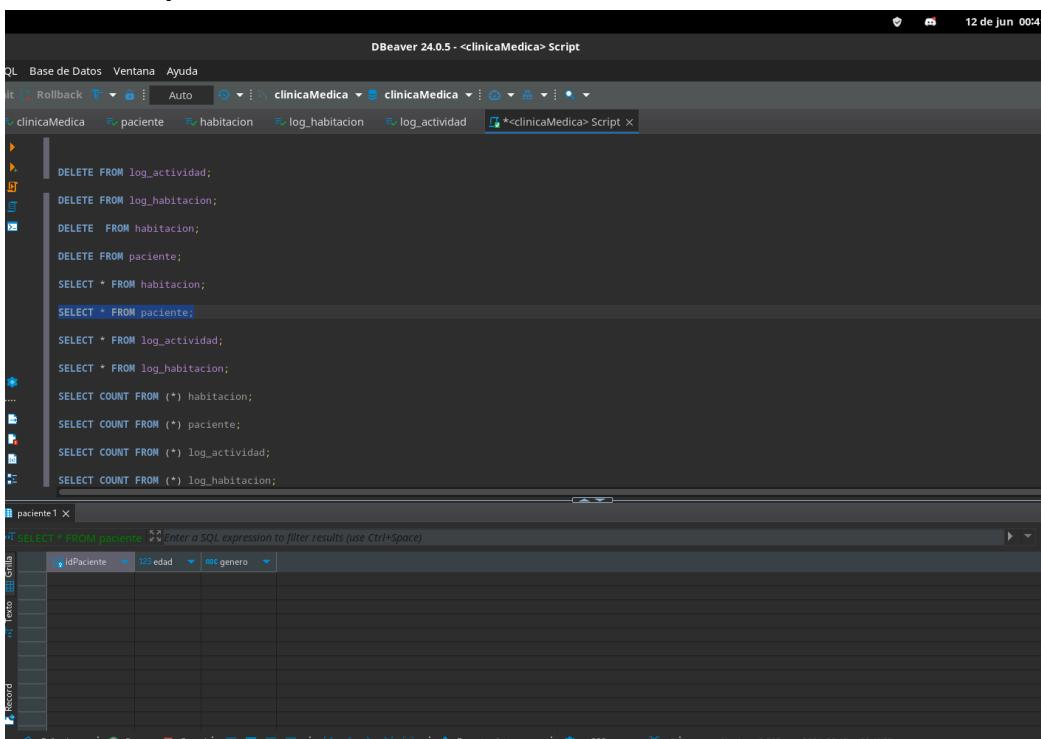
**SELECT * FROM
SELECT * FROM habitacion;**



```
do SQL (Ctrl+Enter) ON log_actividad;
DELETE FROM log_habitacion;
DELETE FROM habitacion;
DELETE FROM paciente;
SELECT * FROM habitacion;
SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT FROM (*) habitacion;
SELECT COUNT FROM (*) paciente;
SELECT COUNT FROM (*) log_actividad;
SELECT COUNT FROM (*) log_habitacion;

habitacion1 x
SELECT * FROM habitacion
1 Sala de exámenes 1
2 Sala de exámenes 2
3 Sala de exámenes 3
4 Sala de exámenes 4
5 Sala de imágenes 1
6 Sala de procedimientos 1
7 Sala de procedimientos 2
8 Sala de procedimientos 3
9 Sala de procedimientos 4
10 Recepción
11 Laboratorio
```

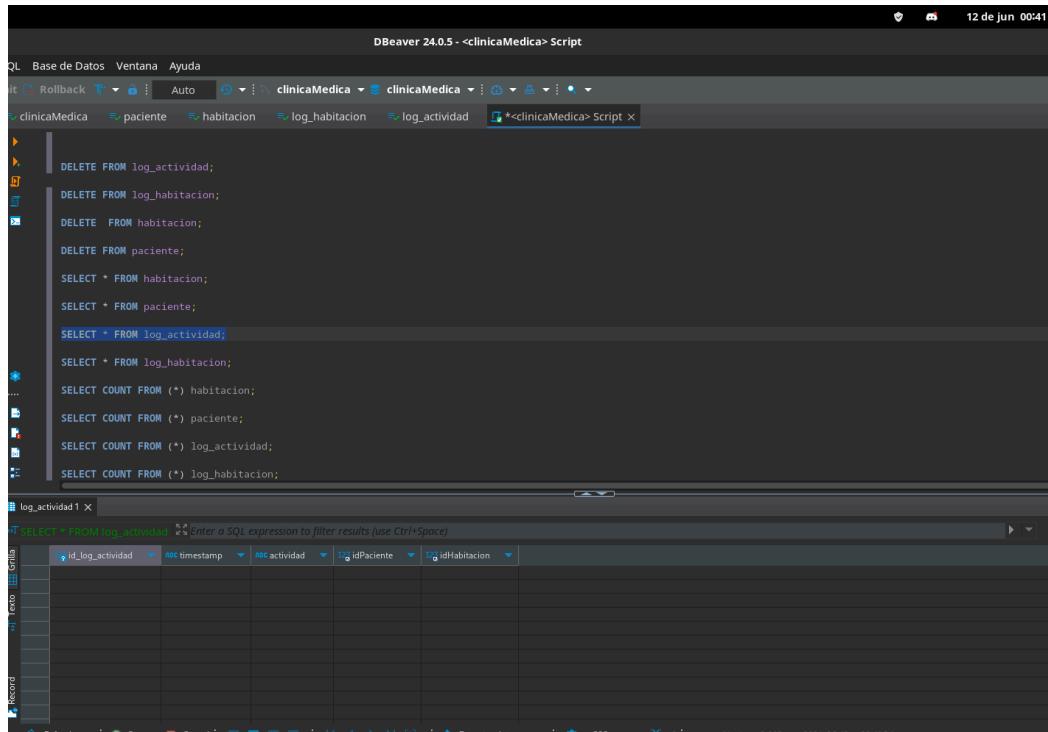
SELECT * FROM paciente;



```
DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM habitacion;
DELETE FROM paciente;
SELECT * FROM habitacion;
SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT FROM (*) habitacion;
SELECT COUNT FROM (*) paciente;
SELECT COUNT FROM (*) log_actividad;
SELECT COUNT FROM (*) log_habitacion;

paciente1 x
SELECT * FROM paciente
1 123 edad 123 genero
```

SELECT * FROM log_actividad;



DBeaver 24.0.5 - <clinicaMedica> Script

```
DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM habitacion;
DELETE FROM paciente;
SELECT * FROM habitacion;
SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) habitacion;
SELECT COUNT(*) paciente;
SELECT COUNT(*) log_actividad;
SELECT COUNT(*) log_habitacion;
```

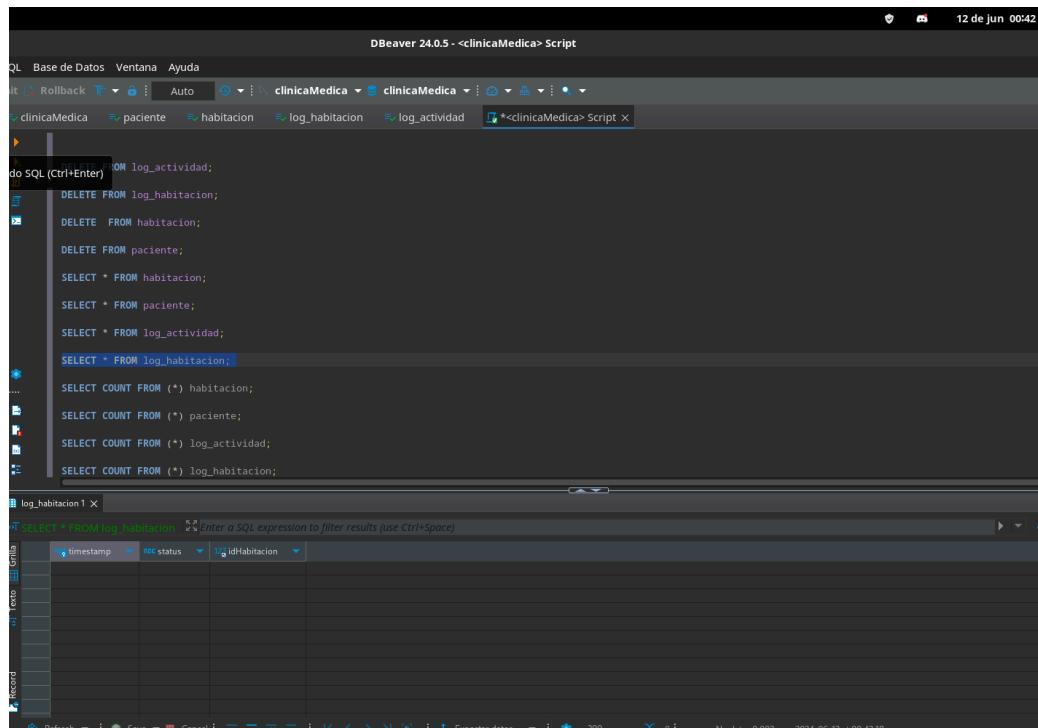
log_actividad1 x

SELECT * FROM log_actividad Enter a SQL expression to filter results (use Ctrl+Space)

id_log_actividad	timestamp	act	actividad	idPaciente	idHabitacion

Record

SELECT * FROM log_habitacion;



DBeaver 24.0.5 - <clinicaMedica> Script

```
do SQL (Ctrl+Enter) ON log_actividad;
DELETE FROM log_habitacion;
DELETE FROM habitacion;
DELETE FROM paciente;
SELECT * FROM habitacion;
SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) habitacion;
SELECT COUNT(*) paciente;
SELECT COUNT(*) log_actividad;
SELECT COUNT(*) log_habitacion;
```

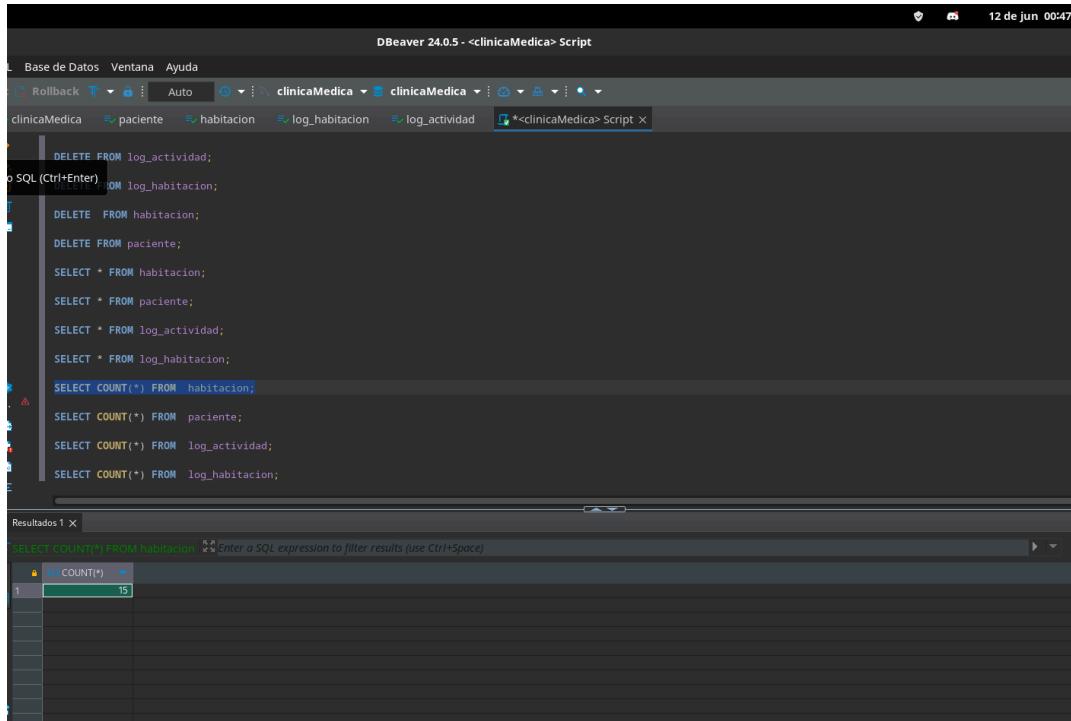
log_habitacion1 x

SELECT * FROM log_habitacion Enter a SQL expression to filter results (use Ctrl+Space)

timestamp	act	status	idHabitacion

Record

**SELECT COUNT(*) FROM
SELECT COUNT (*) FROM habitacion;**



```
DBBeaver 24.0.5 - <clinicaMedica> Script
12 de jun 00:47

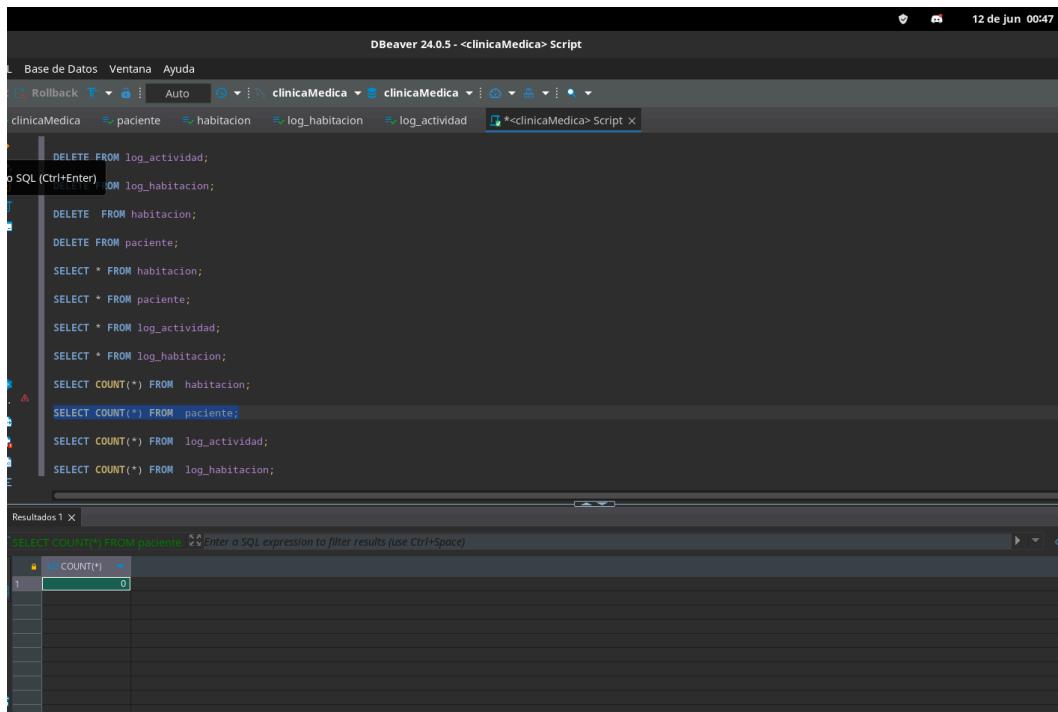
Base de Datos Ventana Ayuda
Rollback Auto clinicaMedica clinicaMedica log_habitacion log_actividad *<<clinicaMedica> Script >

DELETE FROM log_actividad;
SQL (Ctrl+Enter) ON log_habitacion;

DELETE FROM habitacion;
DELETE FROM paciente;
SELECT * FROM habitacion;
SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT COUNT(*) FROM paciente;
SELECT COUNT(*) FROM log_actividad;
SELECT COUNT(*) FROM log_habitacion;

Resultados 1 ×
SELECT COUNT(*) FROM habitacion Enter a SQL expression to filter results (use Ctrl+Space)
1 COUNT(*) 15
```

SELECT COUNT (*) FROM paciente;



```
DBBeaver 24.0.5 - <clinicaMedica> Script
12 de jun 00:47

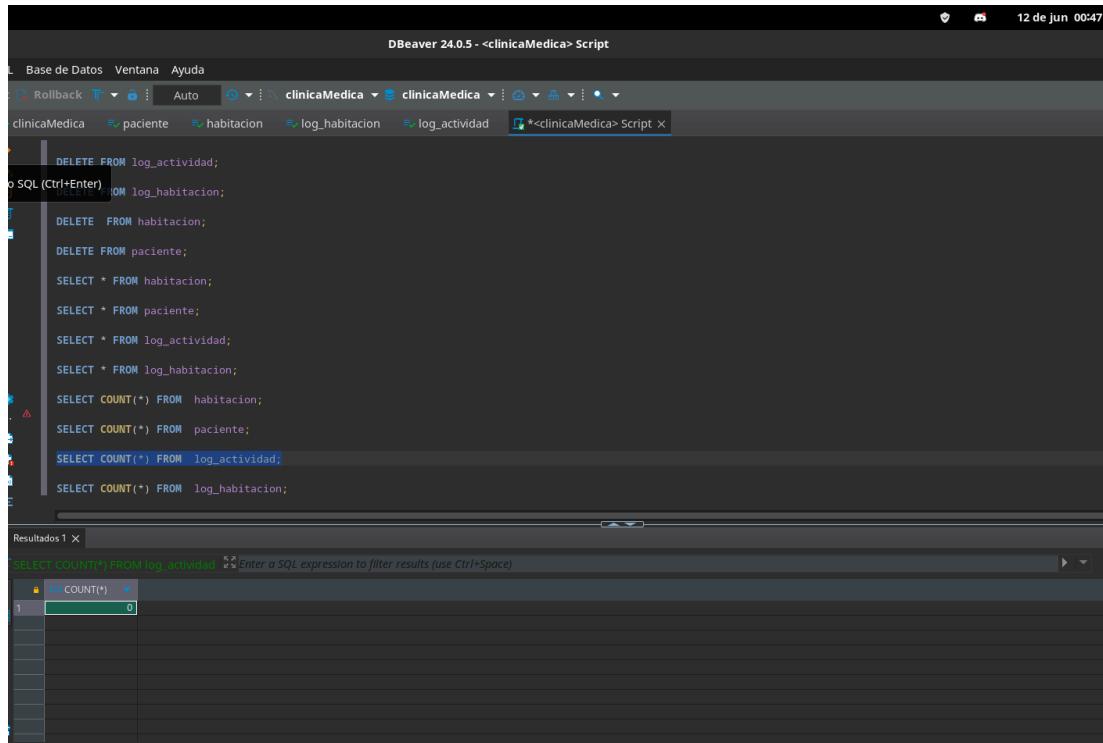
Base de Datos Ventana Ayuda
Rollback Auto clinicaMedica clinicaMedica log_habitacion log_actividad *<<clinicaMedica> Script >

DELETE FROM log_actividad;
SQL (Ctrl+Enter) ON log_habitacion;

DELETE FROM habitacion;
DELETE FROM paciente;
SELECT * FROM habitacion;
SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT COUNT(*) FROM paciente;
SELECT COUNT(*) FROM log_actividad;
SELECT COUNT(*) FROM log_habitacion;

Resultados 1 ×
SELECT COUNT(*) FROM paciente Enter a SQL expression to filter results (use Ctrl+Space)
1 COUNT(*) 0
```

SELECT COUNT (*) FROM log_actividad;

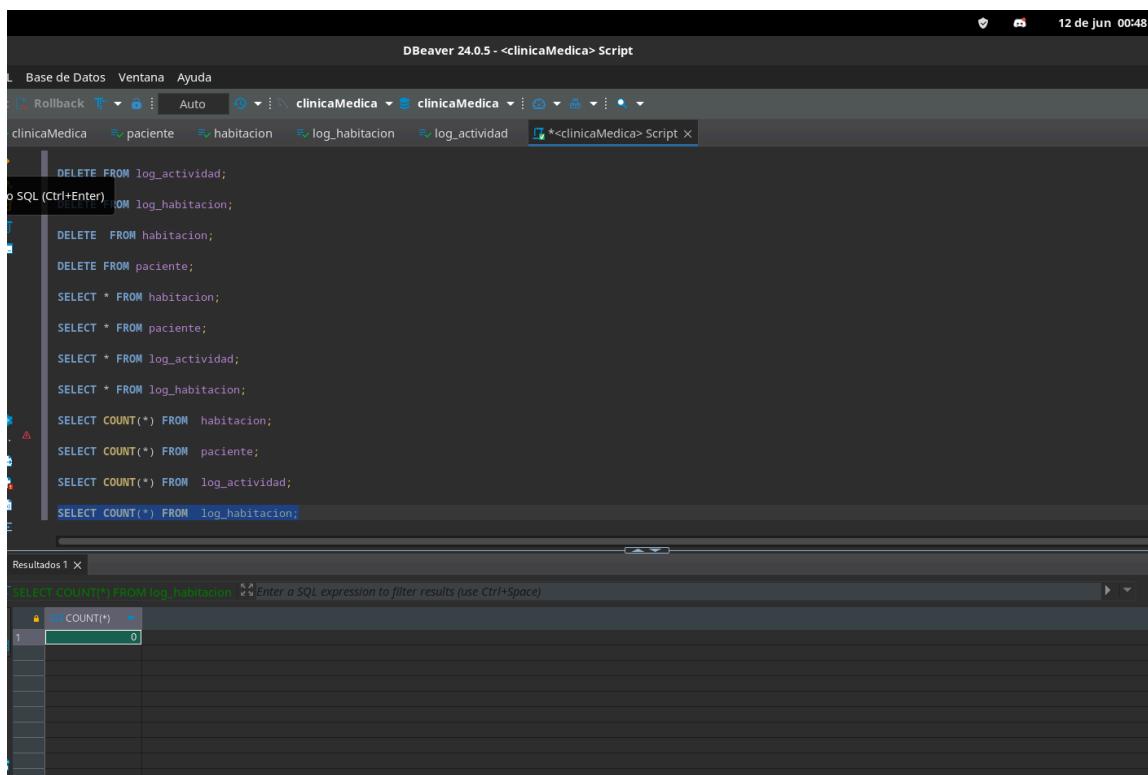


```
DELETE FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
```

Resultados 1 ×

	COUNT(*)
1	0

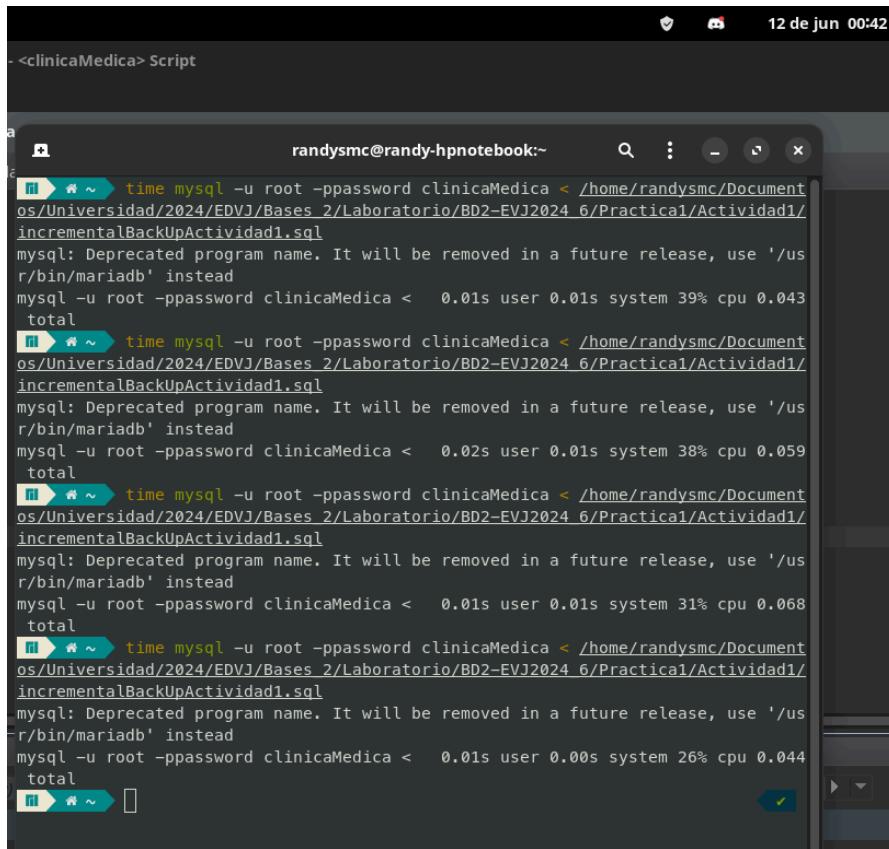
SELECT COUNT (*) FROM log_habitacion;



```
DELETE FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
```

Resultados 1 ×

	COUNT(*)
1	0



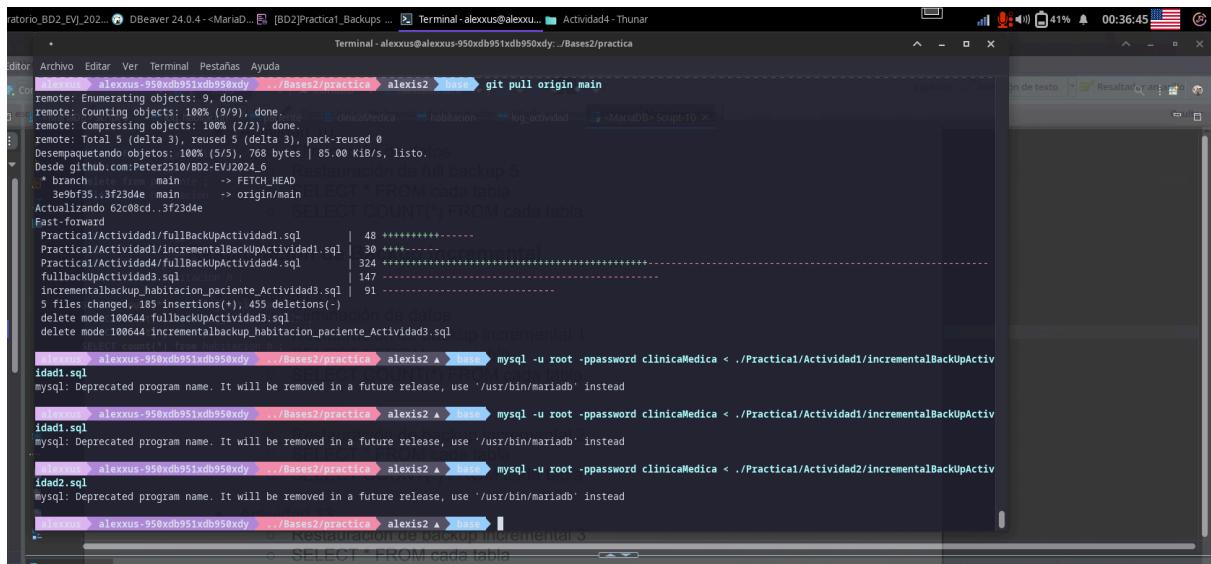
```

- <clinicaMedica> Script

a randysmc@randy-hpnotebook:~ time mysql -u root -ppassword clinicaMedica < /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad1/incrementalBackUpActividad1.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
mysql -u root -ppassword clinicaMedica < 0.01s user 0.01s system 39% cpu 0.043 total
a randysmc@randy-hpnotebook:~ time mysql -u root -ppassword clinicaMedica < /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad1/incrementalBackUpActividad1.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
mysql -u root -ppassword clinicaMedica < 0.02s user 0.01s system 38% cpu 0.059 total
a randysmc@randy-hpnotebook:~ time mysql -u root -ppassword clinicaMedica < /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad1/incrementalBackUpActividad1.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
mysql -u root -ppassword clinicaMedica < 0.01s user 0.01s system 31% cpu 0.068 total
a randysmc@randy-hpnotebook:~ time mysql -u root -ppassword clinicaMedica < /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad1/incrementalBackUpActividad1.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
mysql -u root -ppassword clinicaMedica < 0.01s user 0.00s system 26% cpu 0.044 total
a
  
```

Actividad 12

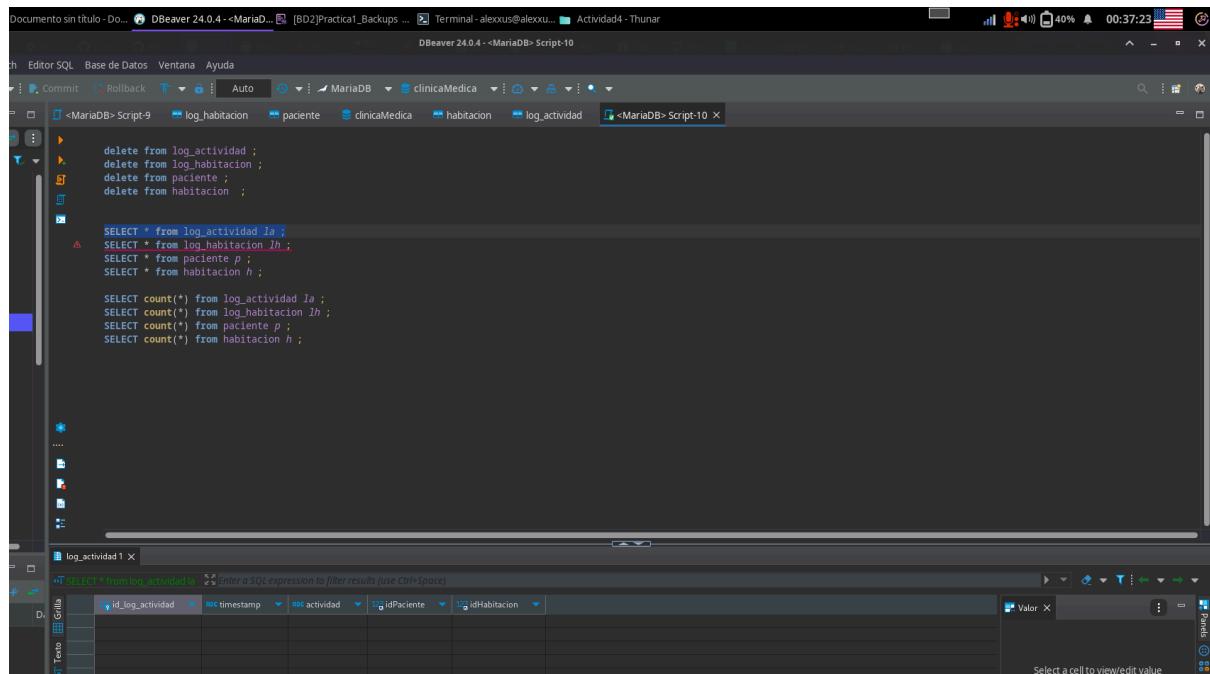
Restauración Backup incremental Actividad 2



```

editor Archivo Ver Terminal Pestañas Ayuda
Terminal - alexxus@alexus-950xdh951xdb950xdy:~/Bases2/practica
alexus2 ~ % git pull origin main
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 5 (delta 3), reused 5 (delta 3), pack-reused 0
Desempaquetando objetos: 100% (5/5), 768 bytes | 85.00 KiB/s, listo.
Desde github.com:Peter2510/BD2-EVJ2024_6
 * branch      main          -> FETCH_HEAD
 * branch      main          -> origin/main
   3e9bf35..3f23d4e main          -> origin/main
Actualizando 62c08cd..3f23d4e
SELECT COUNT(*) FROM cada tabla
Fast-forward
Practical/Actividad1/fullBackupActividad1.sql | 48 ****+-----+
Practical/Actividad1/incrementalBackupActividad1.sql | 30 +----+---+
Practical/Actividad1/fullBackupActividad4.sql | 324 *****+-----+
fullBackupActividad3.sql | 147 -----+-----+
incrementalBackup_habitacion_paciente_Actividad3.sql | 91 -----+
5 files changed, 185 insertions(+), 455 deletions(-)
5 files deleted, 0 insertions(+), 0 deletions(-)
delete mode 100644 fullBackupActividad3.sql
delete mode 100644 incrementalBackup_habitacion_paciente_Actividad3.sql
Practical/Actividad1/incrementalBackupActividad1.sql
alexus-950xdh951xdb950xdy ~/Bases2/practica alexis2 ~ % mysql -u root -ppassword clinicaMedica < ./Practical/Actividad1/incrementalBackUpActividad1.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
alexus-950xdh951xdb950xdy ~/Bases2/practica alexis2 ~ % mysql -u root -ppassword clinicaMedica < ./Practical/Actividad1/incrementalBackUpActividad1.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
alexus-950xdh951xdb950xdy ~/Bases2/practica alexis2 ~ % mysql -u root -ppassword clinicaMedica < ./Practical/Actividad2/incrementalBackUpActividad2.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
alexus-950xdh951xdb950xdy ~/Bases2/practica alexis2 ~ % Restauración de backup incremental
alexus-950xdh951xdb950xdy ~/Bases2/practica alexis2 ~ % SELECT * FROM cada tabla
  
```

SELECT * FROM
SELECT * FROM log_actividad;

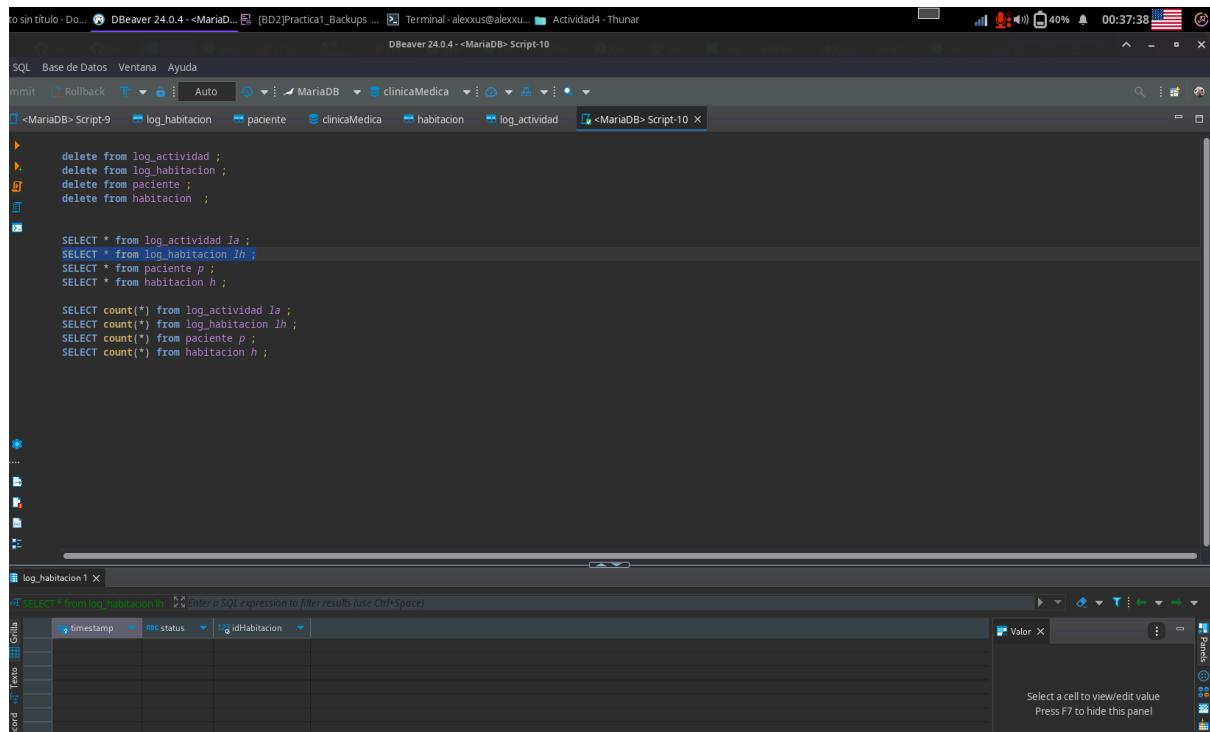


```
delete from log_actividad ;
delete from log_habitacion ;
delete from paciente ;
delete from habitacion ;

SELECT * from log_actividad la ;
SELECT * from log_habitacion lh ;
SELECT * from paciente p ;
SELECT * from habitacion h ;

SELECT count(*) from log_actividad la ;
SELECT count(*) from log_habitacion lh ;
SELECT count(*) from paciente p ;
SELECT count(*) from habitacion h ;
```

SELECT * FROM log_habitacion;

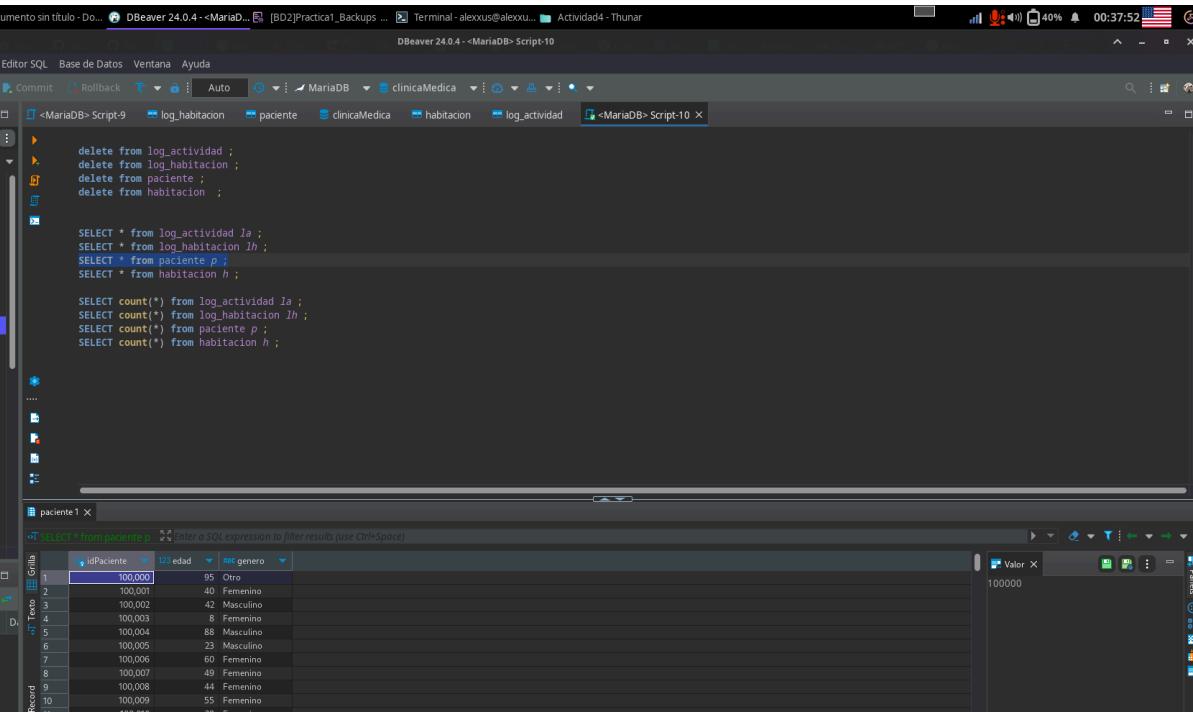


```
delete from log_actividad ;
delete from log_habitacion ;
delete from paciente ;
delete from habitacion ;

SELECT * from log_actividad la ;
SELECT * from log_habitacion lh ;
SELECT * from paciente p ;
SELECT * from habitacion h ;

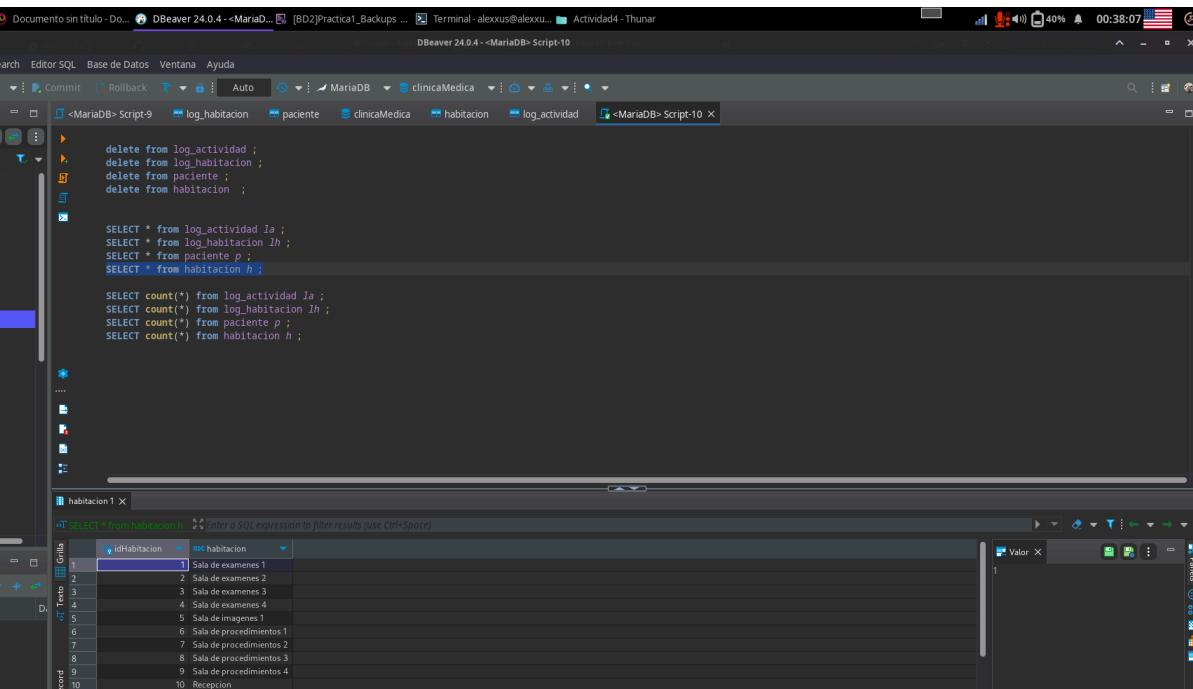
SELECT count(*) from log_actividad la ;
SELECT count(*) from log_habitacion lh ;
SELECT count(*) from paciente p ;
SELECT count(*) from habitacion h ;
```

SELECT * FROM paciente;



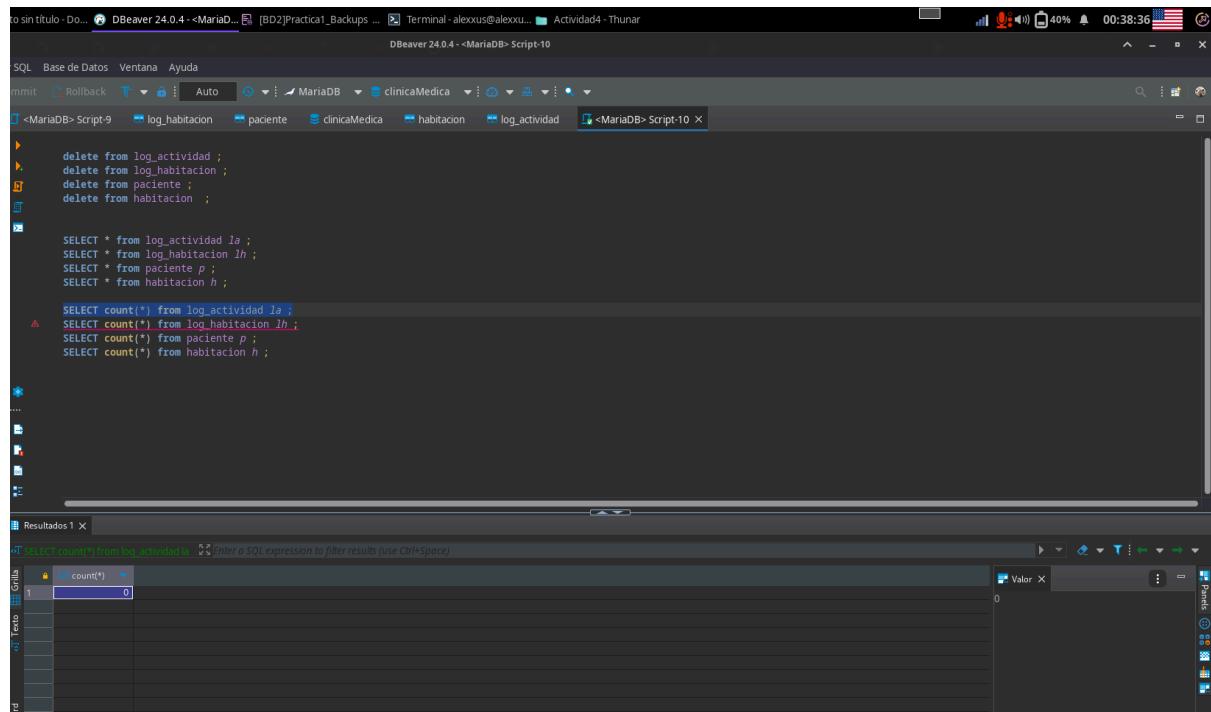
idPaciente	edad	sexoGenero
100,000	95	Otro
100,001	40	Femenino
100,002	42	Masculino
100,003	8	Femenino
100,004	88	Masculino
100,005	23	Masculino
100,006	60	Femenino
100,007	49	Femenino
100,008	44	Femenino
100,009	55	Femenino

SELECT * FROM habitacion;



idHabitacion	nombreHabitacion
1	Sala de exámenes 1
2	Sala de exámenes 2
3	Sala de exámenes 3
4	Sala de exámenes 4
5	Sala de imágenes 1
6	Sala de procedimientos 1
7	Sala de procedimientos 2
8	Sala de procedimientos 3
9	Sala de procedimientos 4
10	Recepción

**SELECT COUNT (*) FROM
SELECT count(*) FROM log_actividad;**



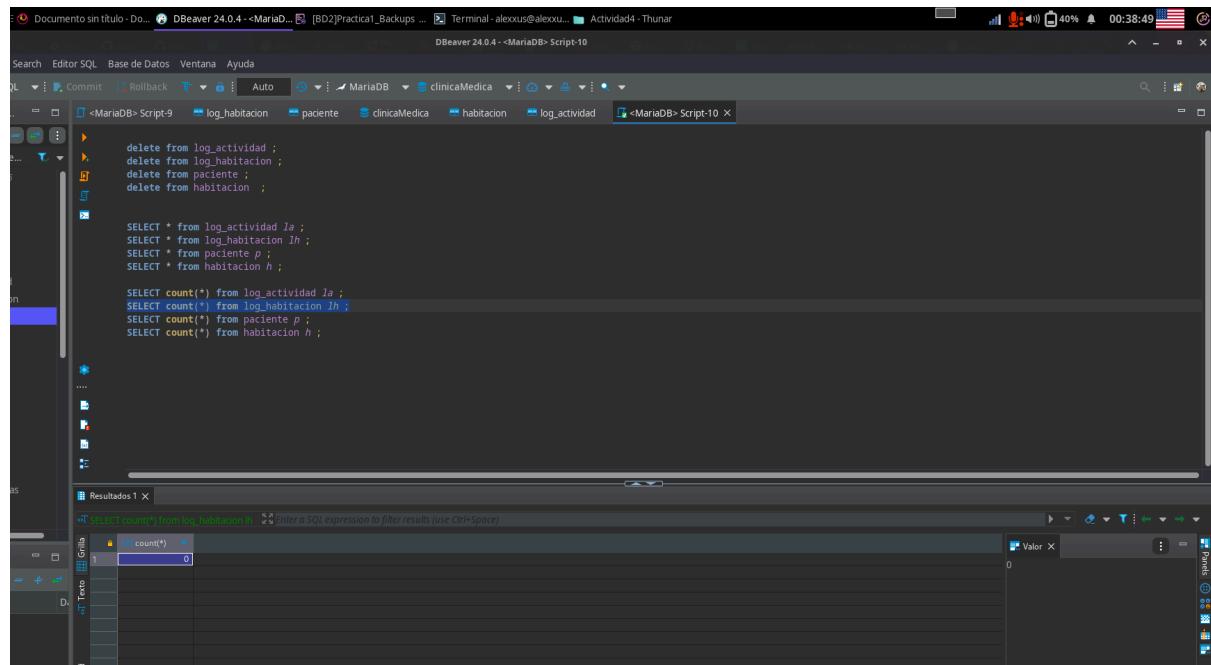
```
delete from log_actividad ;
delete from log_habitacion ;
delete from paciente ;
delete from habitacion ;

SELECT * from log_actividad la ;
SELECT * from log_habitacion lh ;
SELECT * from paciente p ;
SELECT * from habitacion h ;

SELECT count(*) from log_actividad la ;
SELECT count(*) from log_habitacion lh ;
SELECT count(*) from paciente p ;
SELECT count(*) from habitacion h ;
```

count(*)
0

SELECT count(*) FROM log_habitacion;



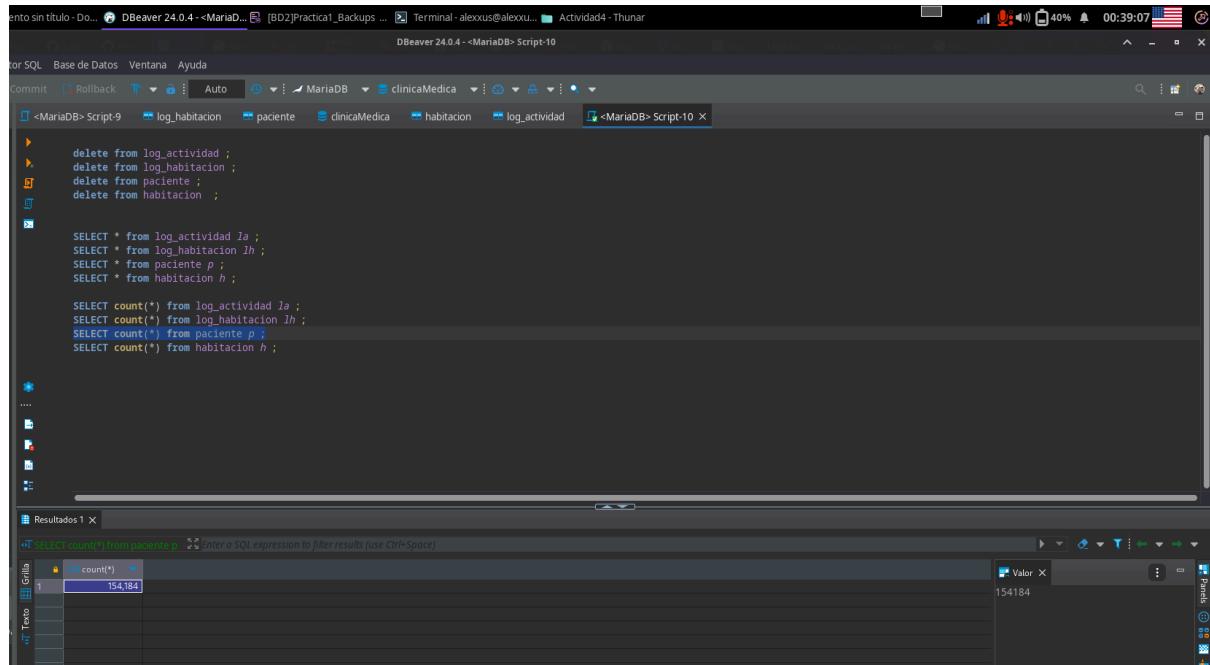
```
delete from log_actividad ;
delete from log_habitacion ;
delete from paciente ;
delete from habitacion ;

SELECT * from log_actividad la ;
SELECT * from log_habitacion lh ;
SELECT * from paciente p ;
SELECT * from habitacion h ;

SELECT count(*) from log_actividad la ;
SELECT count(*) from log_habitacion lh ;
SELECT count(*) from paciente p ;
SELECT count(*) from habitacion h ;
```

count(*)
0

SELECT COUNT(*) FROM paciente;



DBeaver 24.0.4 - <MariaDB> Script-10

```
delete from log_actividad ;
delete from log_habitacion ;
delete from paciente ;
delete from habitacion ;

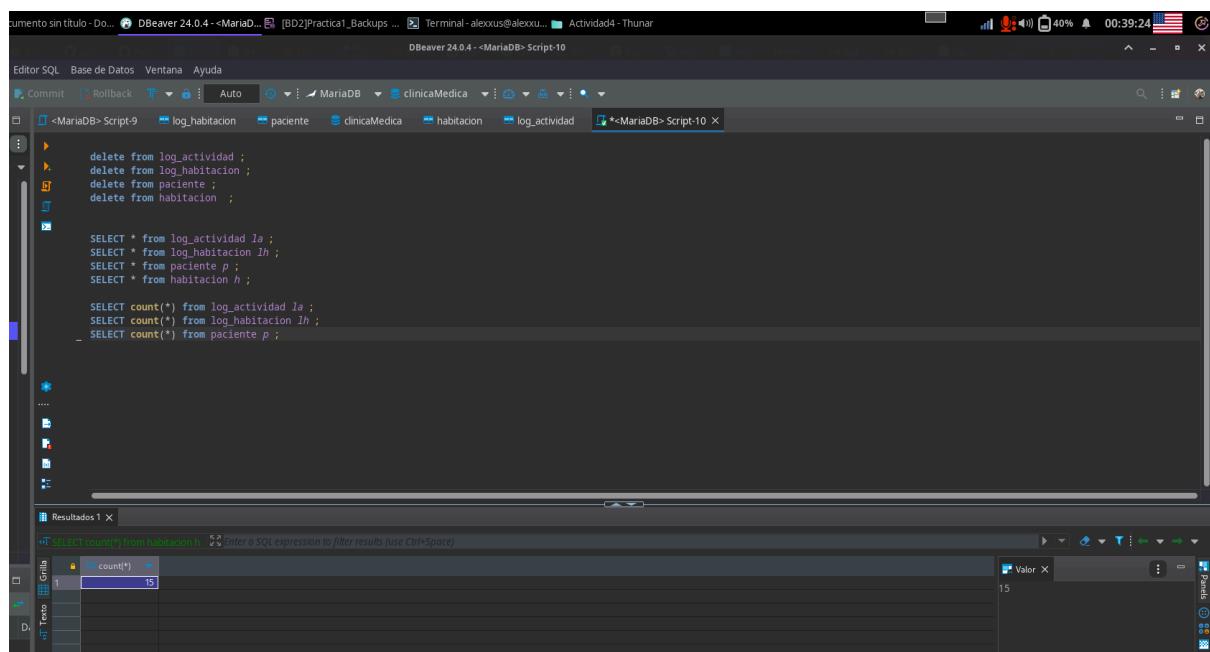
SELECT * from log_actividad la ;
SELECT * from log_habitacion lh ;
SELECT * from paciente p ;
SELECT * from habitacion h ;

SELECT count(*) from log_actividad la ;
SELECT count(*) from log_habitacion lh ;
SELECT count(*) from paciente p ;
SELECT count(*) from habitacion h ;
```

Resultados 1

count(*)
154184

SELECT COUNT(*) FROM habitacion;



DBeaver 24.0.4 - <MariaDB> Script-10

```
delete from log_actividad ;
delete from log_habitacion ;
delete from paciente ;
delete from habitacion ;

SELECT * from log_actividad la ;
SELECT * from log_habitacion lh ;
SELECT * from paciente p ;
SELECT * from habitacion h ;

SELECT count(*) from log_actividad la ;
SELECT count(*) from log_habitacion lh ;
SELECT count(*) from paciente p ;
```

Resultados 1

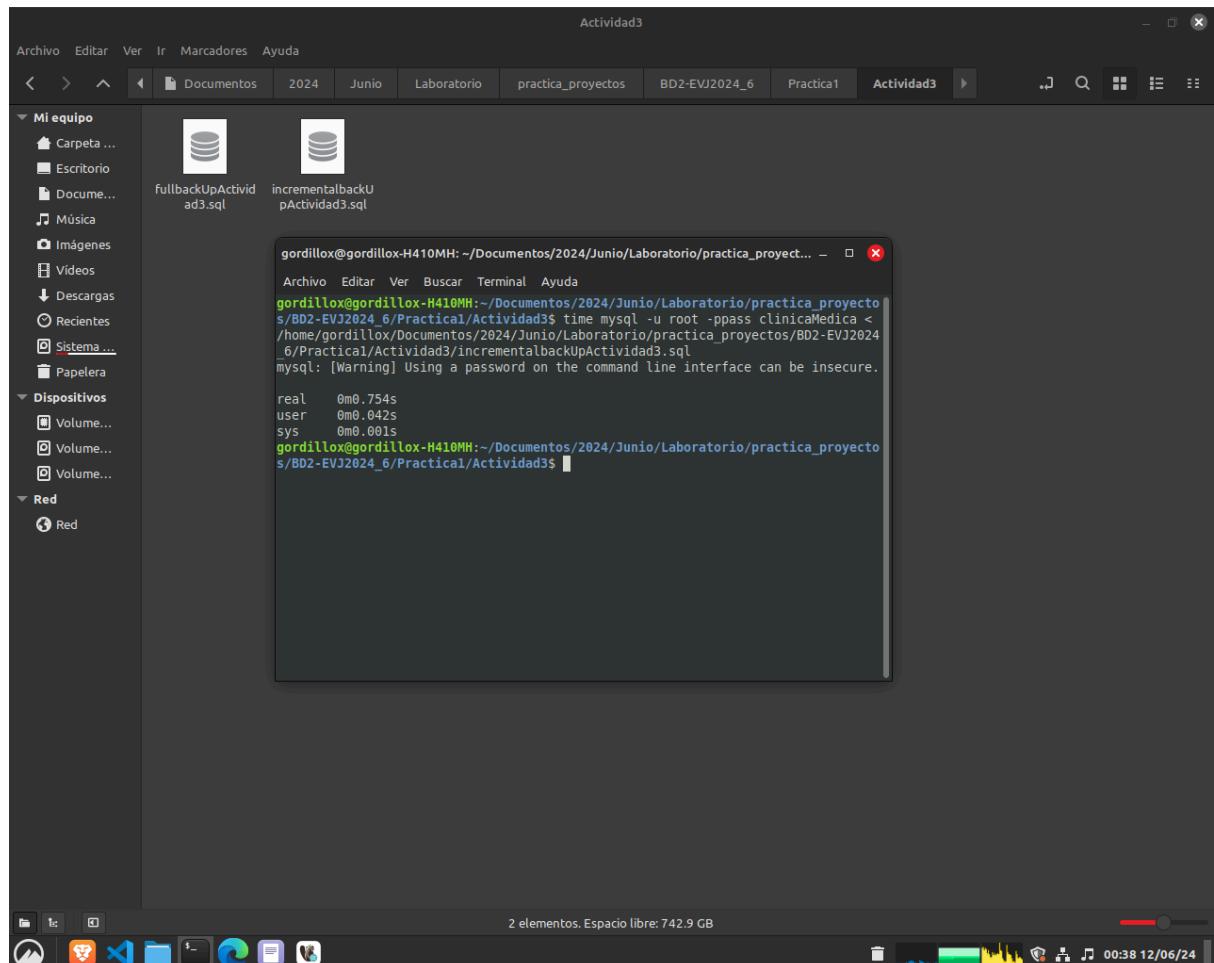
count(*)
15

time mysql -u root -ppassword clinicaMedica <
./Practica1/Actividad2/incrementalBackUpActividad2.sql

```
alexus:~$ mysql -u root -ppassword clinicaMedica < ./Practica/Actividad1/incrementalBackupActividad1.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
real    0m0.044s
user    0m0.010s
sys     0m0.000s
alexus:~$ time mysql -u root -ppassword clinicaMedica < ./Practica/Actividad2/incrementalBackupActividad2.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
SELECT * from log_habitacion lh ;
real    0m0.503s
user    0m0.040s
sys     0m0.007s
SELECT count(*) from log_actividad la ;
```

Actividad 13

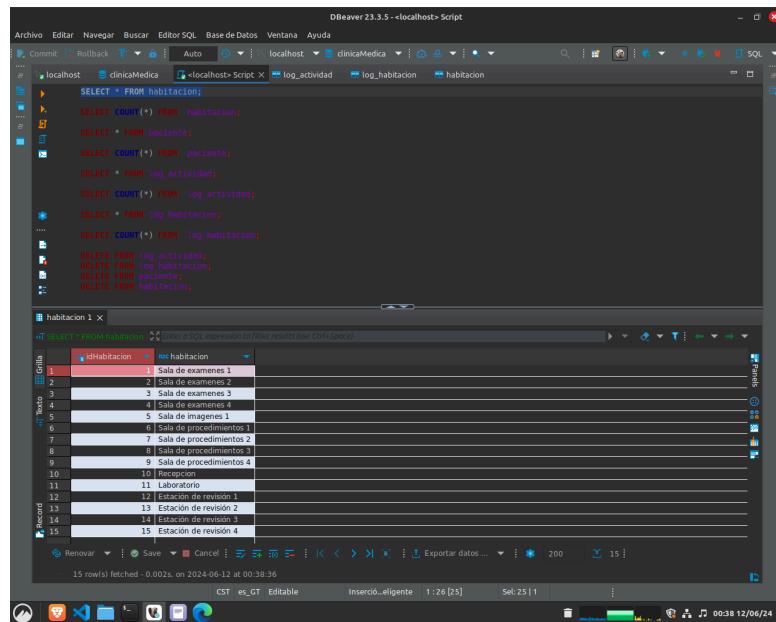
Restauración Backup incremental 3



```
time mysql -u root -ppass clinicaMedica <
/home/gordillox/Documentos/2024/Junio/Laboratorio/Practica_1_lab/BD2-EVJ2024_6/
Practica1/Actividad3/incrementalbackUpActividad3.sql
```

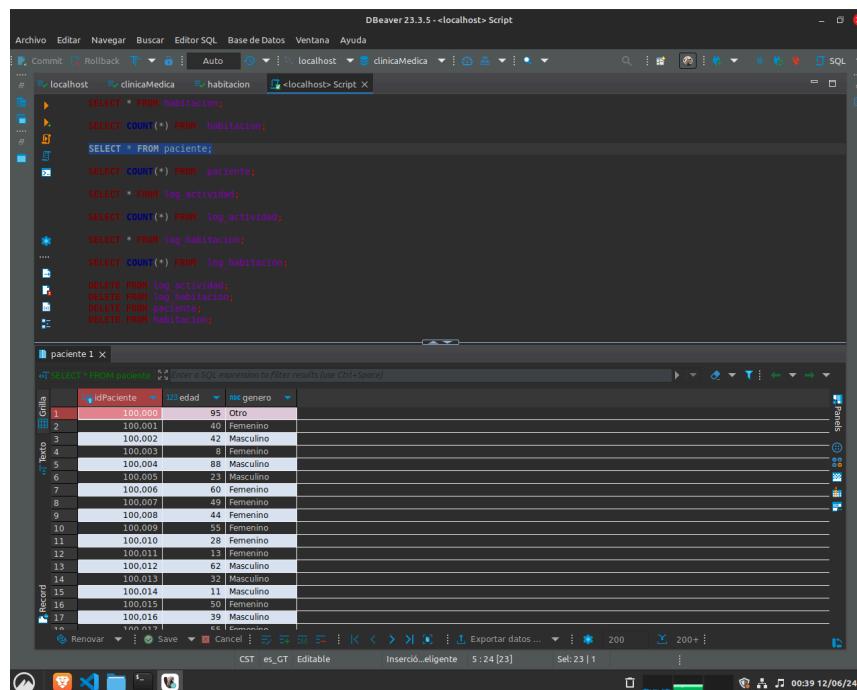
SELECT * FROM

SELECT * FROM habitacion;



idHabitacion	Nombre
1	Sala de exámenes 1
2	Sala de exámenes 2
3	Sala de exámenes 3
4	Sala de exámenes 4
5	Sala de imágenes 1
6	Sala de procedimientos 1
7	Sala de procedimientos 2
8	Sala de procedimientos 3
9	Sala de procedimientos 4
10	Recepción
11	Laboratorio
12	Estación de revisión 1
13	Estación de revisión 2
14	Estación de revisión 3
15	Estación de revisión 4

SELECT * FROM paciente;



idPaciente	edad	sexo
100.000	95	Otro
100.001	40	Femenino
100.002	42	Masculino
100.003	8	Femenino
100.004	88	Masculino
100.005	23	Masculino
100.006	60	Otro
100.007	51	Femenino
100.008	44	Femenino
100.009	55	Femenino
100.010	28	Femenino
100.011	13	Femenino
100.012	62	Masculino
100.013	32	Masculino
100.014	11	Masculino
100.015	50	Femenino
100.016	39	Masculino

```
SELECT * FROM log_actividad;
```

The screenshot shows the DBeaver interface with the following details:

- Toolbar:** Archivo, Editar, Navegar, Buscar, Editor SQL, Base de Datos, Ventana, Ayuda.
- Connections:** Commit, Rollback, Auto, localhost, clínicaMedica, <localhost> Script, log_actividad, log_habitacion, habitacion.
- Log Tab Content:**

```
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;
DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;
```
- Table View:** A table named "log_actividad" is displayed with the following columns: id_log_actividad, timestamp, actividad, idPaciente, and idHabitacion. The data shows various patient interactions with rooms over time.

	id_log_actividad	timestamp	actividad	idPaciente	idHabitacion
1	1	5/31/2021 7:12:14 AM	Paciente inicia el registro.	134,247	10
2	2	5/31/2021 7:13:16 AM	Paciente recibe papelera en recepción.	134,247	10
3	3	5/31/2021 7:15:54 AM	Paciente entrega papelera.	134,247	10
4	4	5/31/2021 7:16:33 AM	Recepcionista establece la condición del paciente como 'Urgente'. Paciente es enviado a la enfermería.	134,247	10
5	5	5/31/2021 7:17:47 AM	Enfermera comienza la revisión del paciente.	134,247	10
6	6	5/31/2021 7:19:33 AM	Revisión determina que el paciente es tipo 2 y su condición es 'Urgente'.	134,247	10
7	7	5/31/2021 7:20:34 AM	Medic inicia con el tratamiento del paciente.	134,247	10
8	8	5/31/2021 7:21:50 AM	Paciente inicia el registro.	135,641	10
9	9	5/31/2021 7:23:01 AM	Paciente recibe papelera en recepción.	135,641	10
10	10	5/31/2021 7:25:39 AM	Paciente inicia el registro.	180,487	10
11	11	5/31/2021 7:25:44 AM	Paciente entrega papelera.	135,641	12
12	12	5/31/2021 7:26:18 AM	Recepcionista establece la condición del paciente como 'Estable'. Paciente es enviado a la enfermería.	135,641	12
13	13	5/31/2021 7:26:43 AM	Paciente recibe papelera en recepción.	180,487	5
14	14	5/31/2021 7:27:33 AM	Enfermera comienza la revisión del paciente.	135,641	5
15	15	5/31/2021 7:29:12 AM	Paciente entrega papelera.	180,487	7

Bottom status bar: 200 rows(fetched - 0.003s (0.001s fetch)), on 2024-06-12 at 00:39:40 CST es_GT Editable Insercio...eligente 9:29 [28] Sel: 28 | 1 200+ ... 00:39 12/06/24

```
SELECT * FROM log_habitacion;
```

The screenshot shows the DBBeaver 23.3.5 interface. The top menu bar includes Archivo, Editar, Navegar, Buscar, Editor SQL, Base de Datos, Ventana, Ayuda. The title bar says "DBBeaver 23.3.5 - <localhost> Script". The left sidebar shows a tree view with nodes like localhost, clínicaMedica, <localhost> Script, log_actividad, log_habitacion, and habitacion. The main area contains a SQL editor with the following code:

```
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;
DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;
```

Below the SQL editor is a table viewer titled "log_habitacion 1 x". It has a header row with columns: timestamp, status, and idHabitacion. The body of the table is currently empty, showing only the header row.

```
SELECT COUNT (*) FROM  
SELECT COUNT(*) FROM habitacion;
```

DBeaver 23.3.5 - <localhost> Script

Archivo Editar Navegar Buscar Editor SQL Base de Datos Ventana Ayuda

Commit Rollback Auto localhost localhost Script log_actividad log_habitacion habitacion

```
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;

SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;

SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;

SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;

DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;
```

Resultados 1 x

SELECT COUNT(*) FROM habitacion

Grilla
15

Todos

Record

Renovar Save Cancel Exportar datos ... 200 1 : 1

1 row(s) fetched - 0.002s, on 2024-06-12 at 00:38:43

CST es_GT Editable Insercio...eligente 3 : 1 [34] Sel: 34 | 1

00:38 12/06/24

SELECT COUNT(*) FROM paciente;

DBeaver 23.3.5 - <localhost> Script

Archivo Editar Navegar Buscar Editor SQL Base de Datos Ventana Ayuda

localhost clínicaMedica <localhost> Script x log_actividad log_habitacion habitación

```
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;

SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;

SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;

SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;

DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;
```

Resultados 1 x

Enter a SQL expression to filter results (use Ctrl+Space)

Grilla	1 COUNT(*)
	1 15

Texto

Record

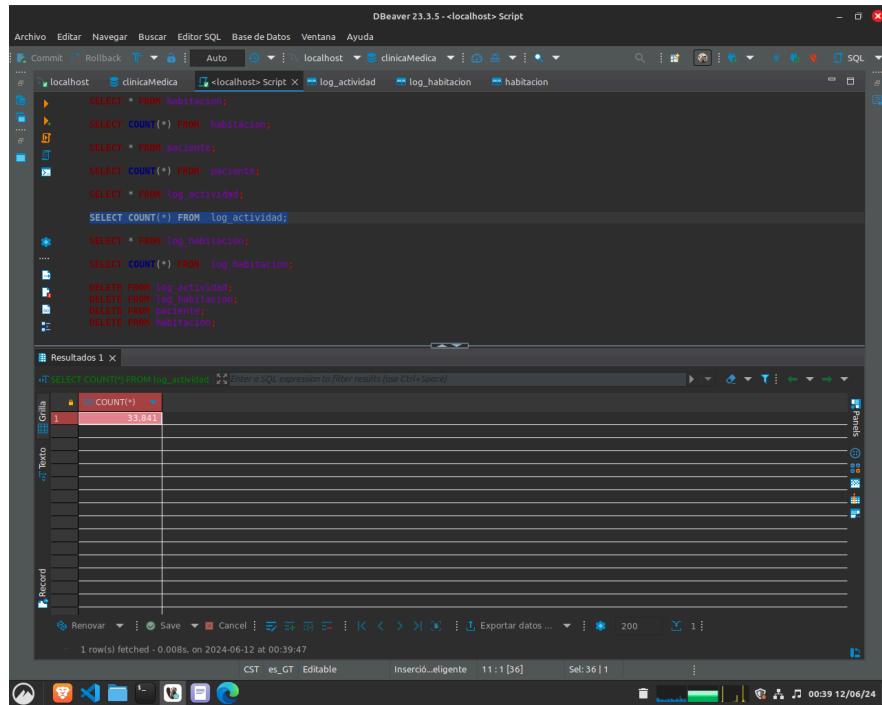
Renovar Save Cancel Exportar datos ... 200 1 : 1

1 rows(s) fetched - 0.002s, on 2024-06-12 at 00:38:43

CST es_GT Editable Inserció...eligente 5 : 1 [23] Sel: 23 | 1

00:38:43 12/06/24

SELECT COUNT(*) FROM log_actividad;



DBeaver 23.3.5 - <localhost> Script

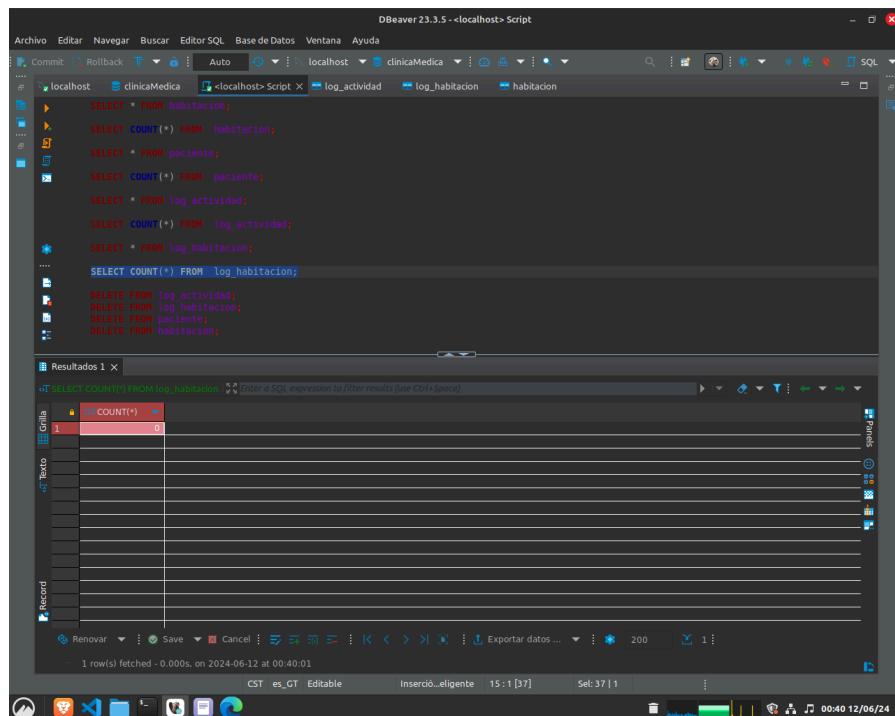
```
localhost  clínicaMedica  <localhost> Script  log_actividad  log_habitacion  habitacion
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;
DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;
```

Resultados 1 x

Grilla	1	33,841
Texto		
Record		

Renovar Save Cancel Exportar datos ... 200 1 | 1 row(s) fetched - 0.008s. on 2024-06-12 at 00:39:47 CST es_GT Editable Inserci...eligente 11:1 [36] Sel:36 | 1 00:39 12/06/24

SELECT COUNT(*) FROM log_actividad;



DBeaver 23.3.5 - <localhost> Script

```
localhost  clínicaMedica  <localhost> Script  log_actividad  log_habitacion  habitacion
SELECT * FROM habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT * FROM paciente;
SELECT COUNT(*) FROM paciente;
SELECT * FROM log_actividad;
SELECT COUNT(*) FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM log_habitacion;
DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM paciente;
DELETE FROM habitacion;
```

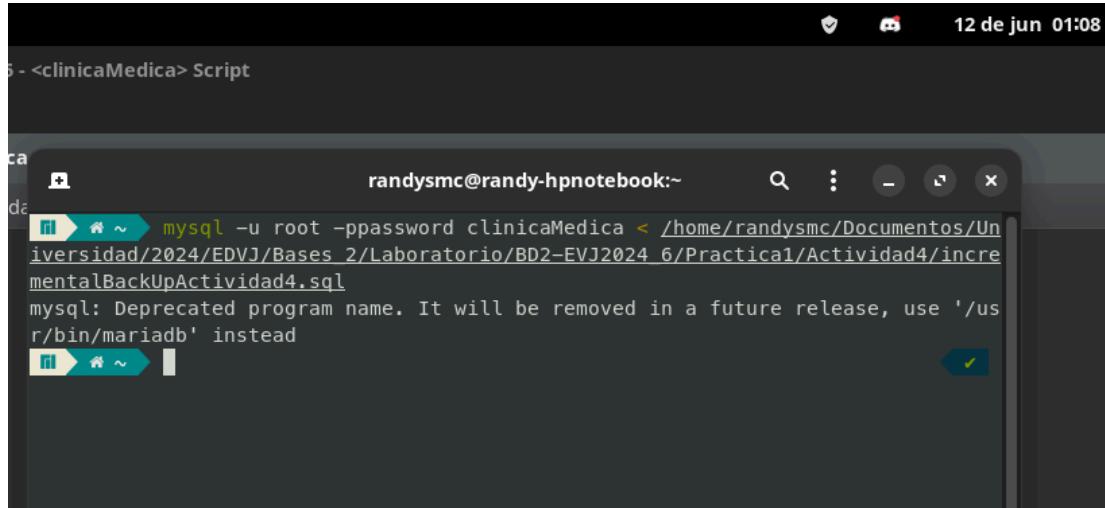
Resultados 1 x

Grilla	1	0
Texto		
Record		

Renovar Save Cancel Exportar datos ... 200 1 | 1 row(s) fetched - 0.000s. on 2024-06-12 at 00:40:01 CST es_GT Editable Inserci...eligente 15:1 [37] Sel:37 | 1 00:40 12/06/24

Actividad 14

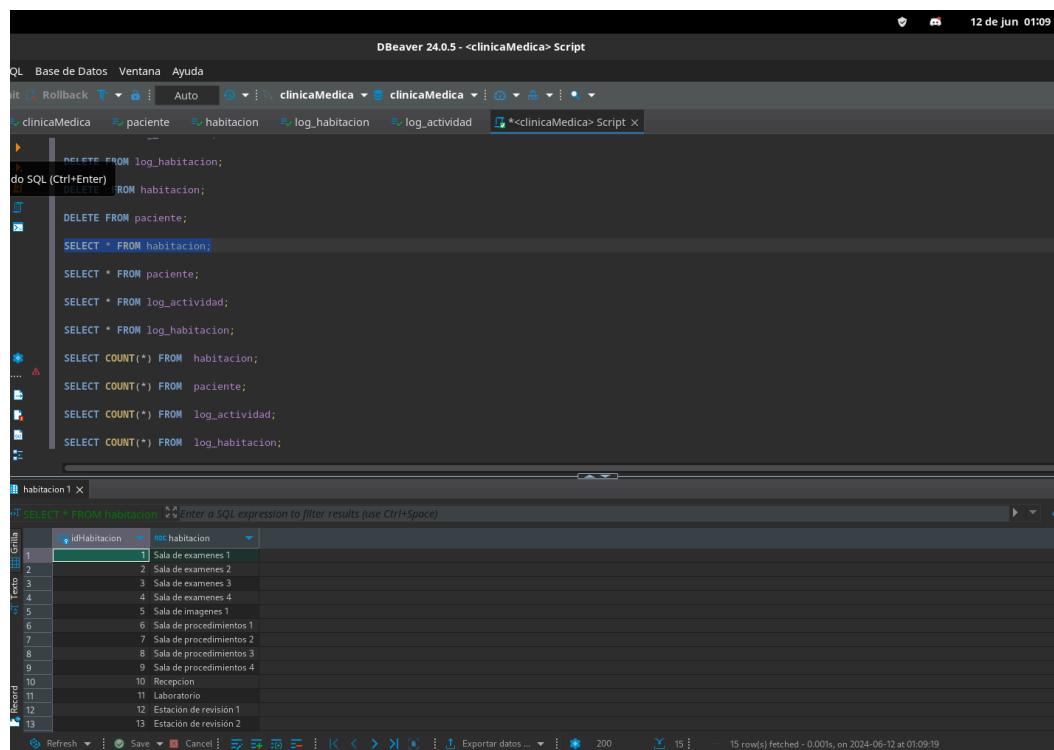
Restauración Backup incremental Actividad 4



```
6 - <clinicaMedica> Script
ca
da
d~
mysql -u root -ppassword clinicaMedica < /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad4/incrementalBackUpActividad4.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
[1]:
```

`mysql -u root -ppassword clinicaMedica <
/home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad4/incrementalBackUpActividad4.sql`

`SELECT * FROM
SELECT * FROM habitacion;`



DBeaver 24.0.5 - <clinicaMedica> Script

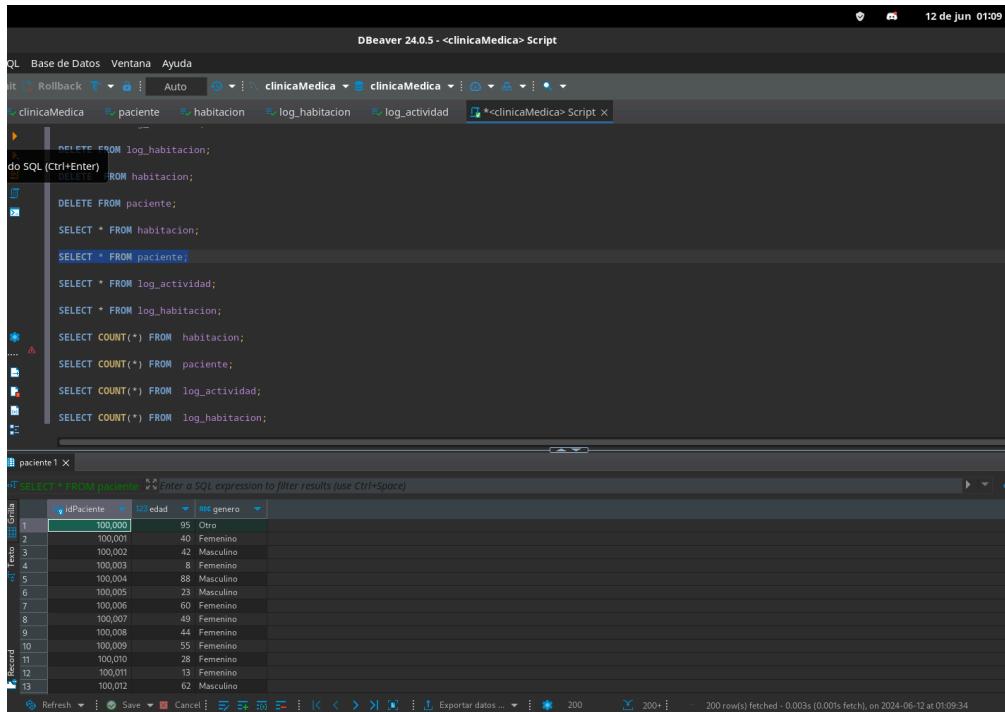
```
QL Base de Datos Ventana Ayuda
clínicaMedica paciente habitacion log_habitacion log_actividad *<clinicaMedica> Script x
DELETE FROM log_habitacion;
do SQL (Ctrl+Enter)
DELETE FROM habitacion;
DELETE FROM paciente;
SELECT * FROM habitacion;
SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT COUNT(*) FROM paciente;
SELECT COUNT(*) FROM log_actividad;
SELECT COUNT(*) FROM log_habitacion;
```

habitacion 1 x

SELECT * FROM habitacion > Enter a SQL expression to filter results (use Ctrl+Space)

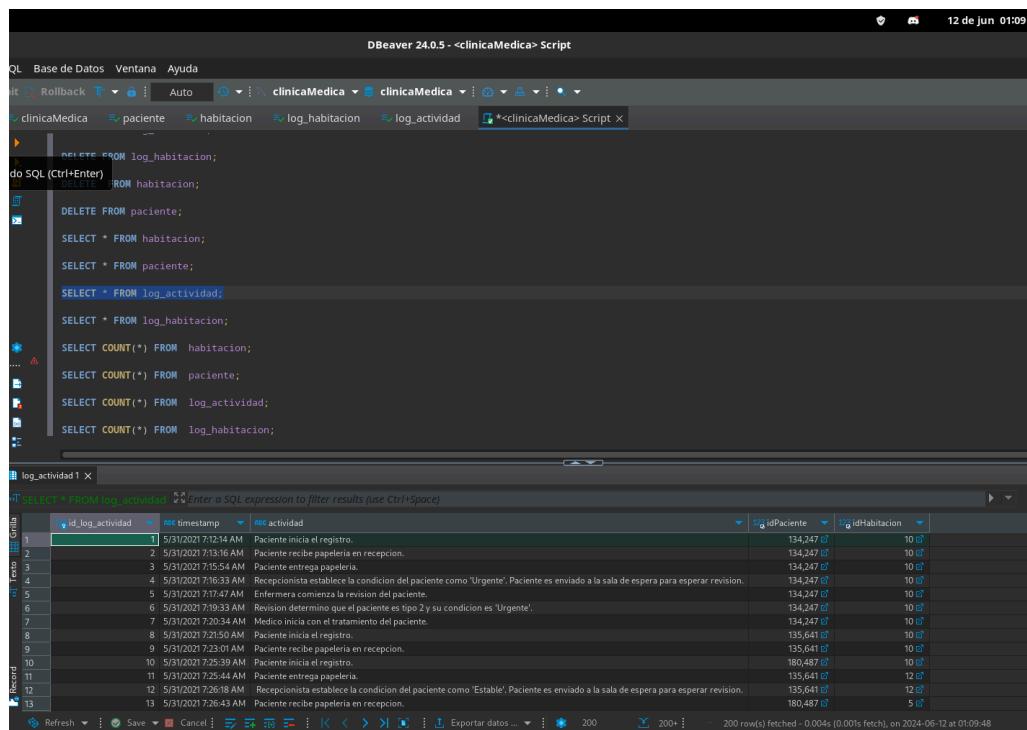
IdHabitacion	Act Habitacion
1	Sala de exámenes 1
2	Sala de exámenes 2
3	Sala de exámenes 3
4	Sala de exámenes 4
5	Sala de imágenes 1
6	Sala de procedimientos 1
7	Sala de procedimientos 2
8	Sala de procedimientos 3
9	Sala de procedimientos 4
10	Recepción
11	Laboratorio
12	Estación de revisión 1
13	Estación de revisión 2

SELECT * FROM paciente;



	idPaciente	edad	sexoGenero
1	100,000	95	Otro
2	100,001	40	Femenino
3	100,002	42	Masculino
4	100,003	8	Femenino
5	100,004	88	Masculino
6	100,005	23	Masculino
7	100,006	60	Femenino
8	100,007	49	Femenino
9	100,008	44	Femenino
10	100,009	55	Femenino
11	100,010	28	Femenino
12	100,011	13	Femenino
13	100,012	62	Masculino

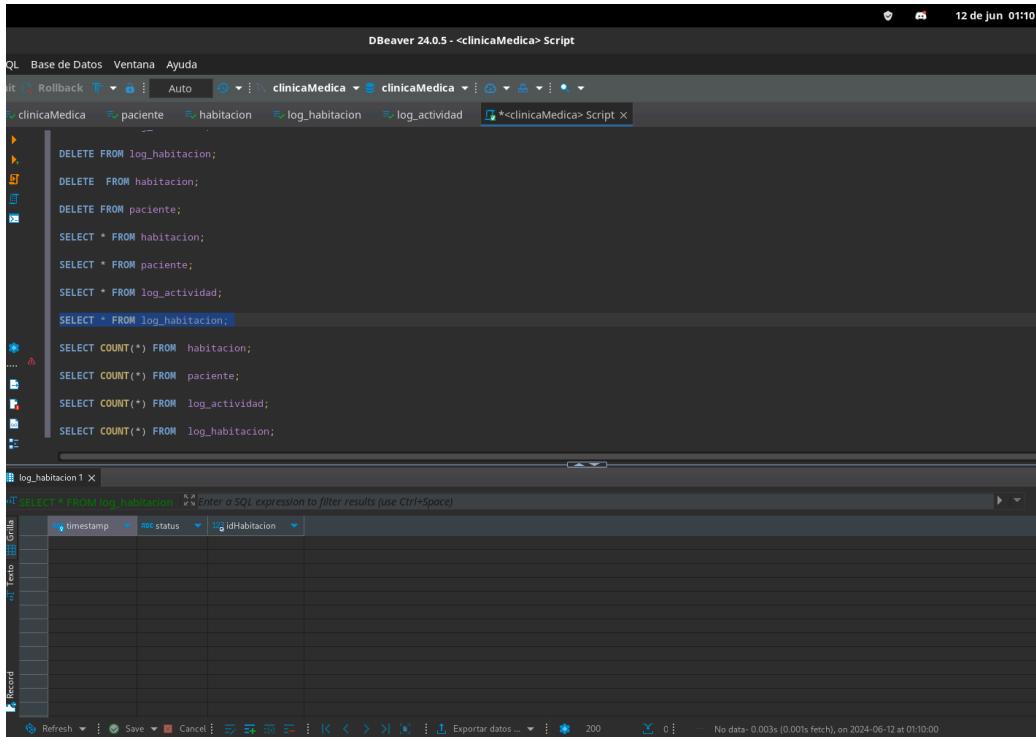
SELECT * FROM log_actividad;



	idLogActividad	timestamp	actividad
1	5/31/2021 7:23:44 AM		Paciente inicia el registro.
2	5/31/2021 7:33:16 AM		Paciente recibe papelería en recepción.
3	5/31/2021 7:55:54 AM		Paciente entrega papelería.
4	5/31/2021 7:56:33 AM		Recepcionista establece la condición del paciente como 'Urgente'. Paciente es enviado a la sala de espera para esperar revisión.
5	5/31/2021 7:57:47 AM		Enfermera comienza la revisión del paciente.
6	5/31/2021 7:59:33 AM		Revisión determinó que el paciente es tipo 2 y su condición es 'Urgente'.
7	5/31/2021 7:59:34 AM		Medico inicia con el tratamiento del paciente.
8	5/31/2021 7:25:50 AM		Paciente inicia el registro.
9	5/31/2021 7:25:01 AM		Paciente recibe papelería en recepción.
10	5/31/2021 7:25:39 AM		Paciente inicia el registro.
11	5/31/2021 7:25:44 AM		Paciente entrega papelería.
12	5/31/2021 7:26:18 AM		Recepcionista establece la condición del paciente como 'Estable'. Paciente es enviado a la sala de espera para esperar revisión.
13	5/31/2021 7:26:43 AM		Paciente recibe papelería en recepción.

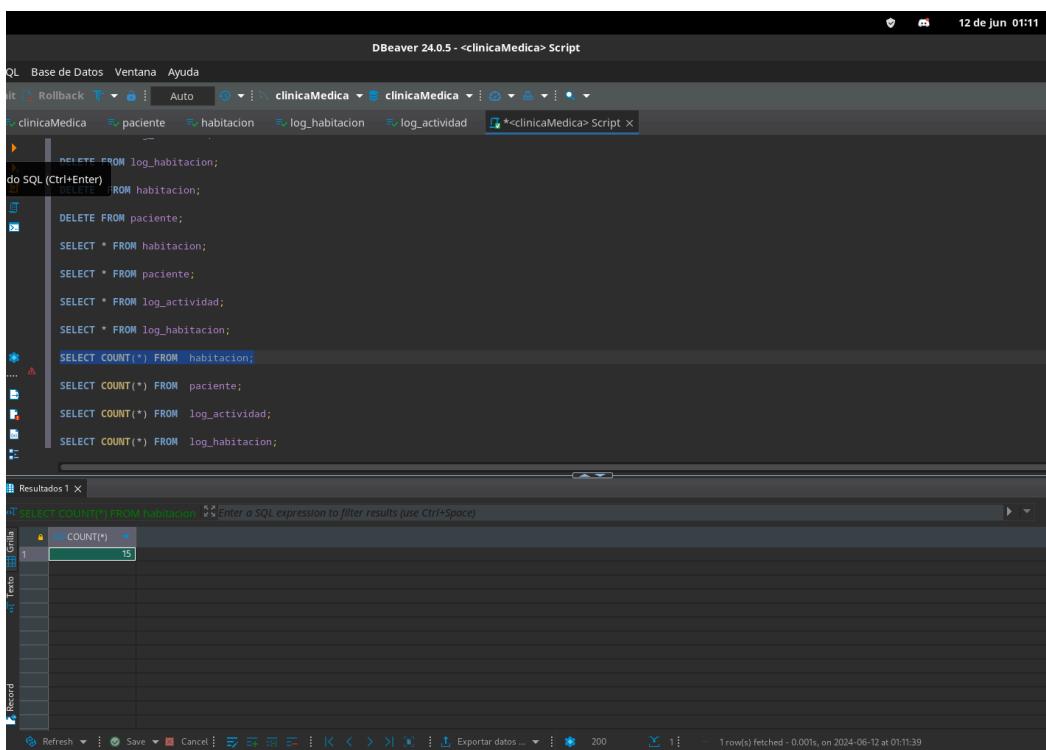
	idPaciente	idHabitacion
1	134,247	10
2	134,247	10
3	134,247	10
4	134,247	10
5	134,247	10
6	134,247	10
7	134,247	10
8	135,641	10
9	135,641	10
10	180,487	10
11	135,641	12
12	135,641	12
13	180,487	5

SELECT * FROM log_habitacion;



```
DELETE FROM log_habitacion;
DELETE FROM habitacion;
DELETE FROM paciente;
SELECT * FROM habitacion;
SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT COUNT(*) FROM paciente;
SELECT COUNT(*) FROM log_actividad;
SELECT COUNT(*) FROM log_habitacion;
```

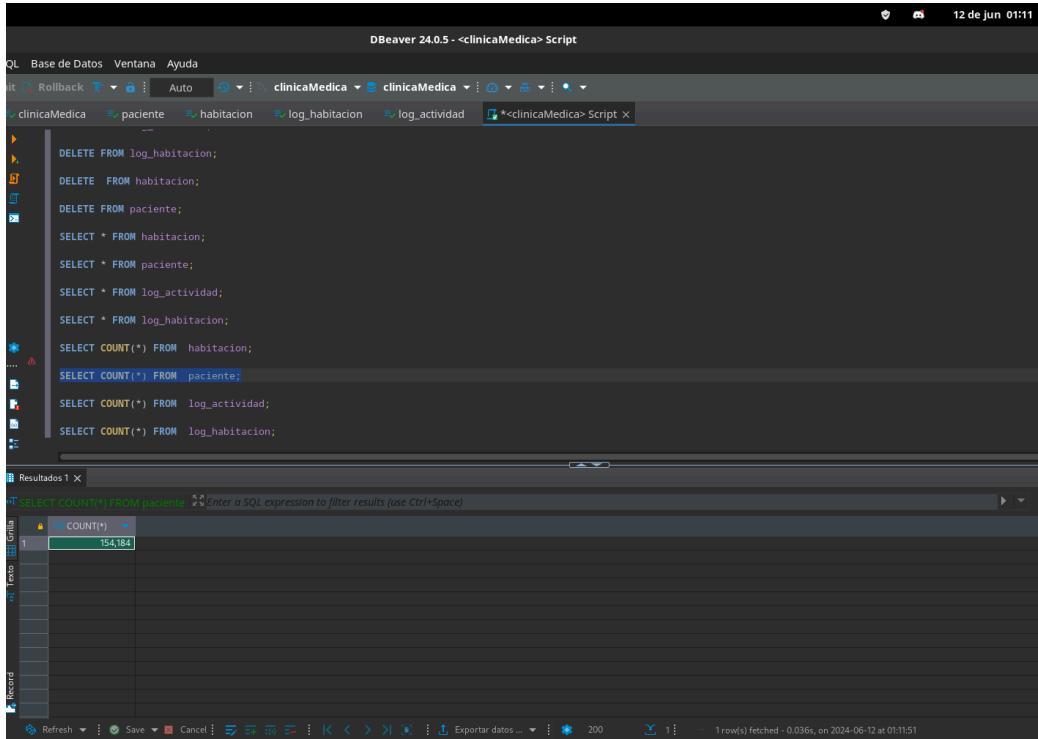
**SELECT COUNT (*) FROM
SELECT COUNT(*) FROM habitacion;**



```
DELETE FROM log_habitacion;
do SQL (Ctrl+Enter)
DELETE FROM habitacion;
DELETE FROM paciente;
SELECT * FROM habitacion;
SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT COUNT(*) FROM paciente;
SELECT COUNT(*) FROM log_actividad;
SELECT COUNT(*) FROM log_habitacion;
```

Count(*)
15

SELECT COUNT(*) FROM paciente;



DBeaver 24.0.5 - <clinicaMedica> Script

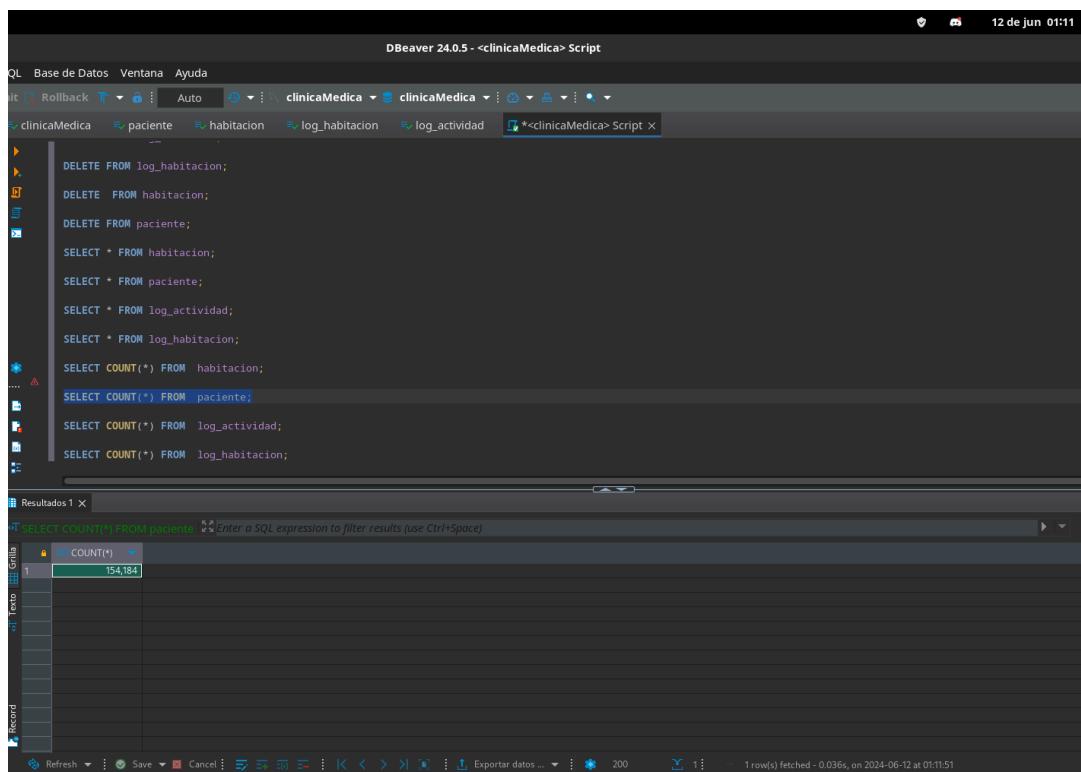
```
DELETE FROM log_habitacion;
DELETE FROM habitacion;
DELETE FROM paciente;
SELECT * FROM habitacion;
SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT COUNT(*) FROM paciente;
SELECT COUNT(*) FROM log_actividad;
SELECT COUNT(*) FROM log_habitacion;
```

Resultados 1 ×

Count(*)
154,184

1 row(s) fetched - 0.036s, on 2024-06-12 at 01:11:51

SELECT COUNT(*) FROM log_actividad;



DBeaver 24.0.5 - <clinicaMedica> Script

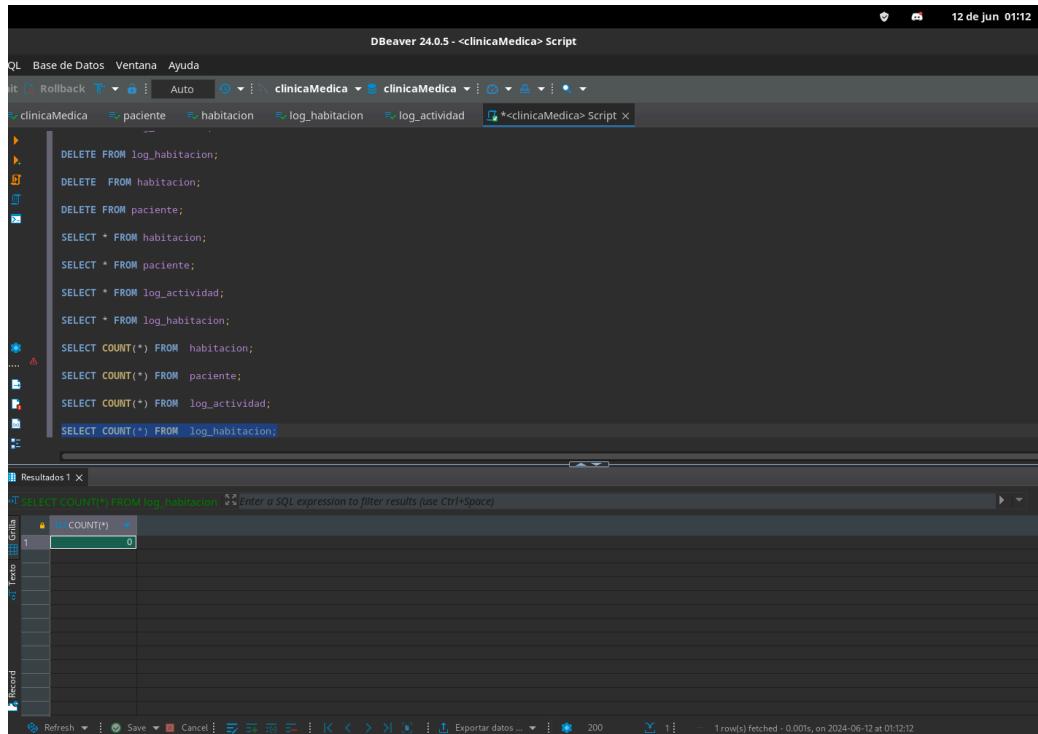
```
DELETE FROM log_habitacion;
DELETE FROM habitacion;
DELETE FROM paciente;
SELECT * FROM habitacion;
SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM habitacion;
SELECT COUNT(*) FROM paciente;
SELECT COUNT(*) FROM log_actividad;
SELECT COUNT(*) FROM log_habitacion;
```

Resultados 1 ×

Count(*)
154,184

1 row(s) fetched - 0.036s, on 2024-06-12 at 01:11:51

SELECT COUNT(*) FROM log_habitacion;



DBeaver 24.0.5 - <clinicaMedica> Script

12 de jun 01:12

SQL Base de Datos Ventana Ayuda

clínicaMedica paciente habitación log_habitacion log_actividad *<clinicaMedica> Script

```
DELETE FROM log_habitacion;
DELETE FROM habitación;
DELETE FROM paciente;
SELECT * FROM habitación;
SELECT * FROM paciente;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;
SELECT COUNT(*) FROM habitación;
SELECT COUNT(*) FROM paciente;
SELECT COUNT(*) FROM log_actividad;
SELECT COUNT(*) FROM log_habitacion;
```

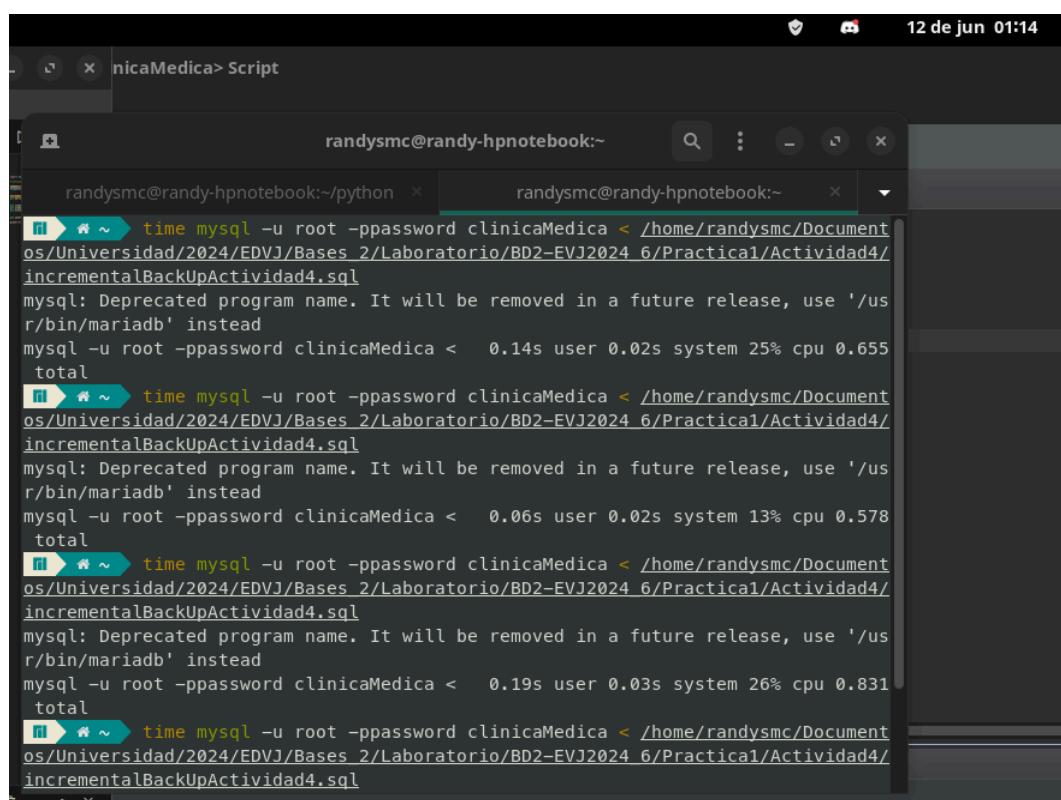
Resultados 1 x

1 row(s) fetched - 0.001s, on 2024-06-12 at 01:12:12

Count(*)
0

Record

Refresh Save Cancel Exportar datos ... 200 1 row(s) fetched - 0.001s, on 2024-06-12 at 01:12:12



12 de jun 01:14

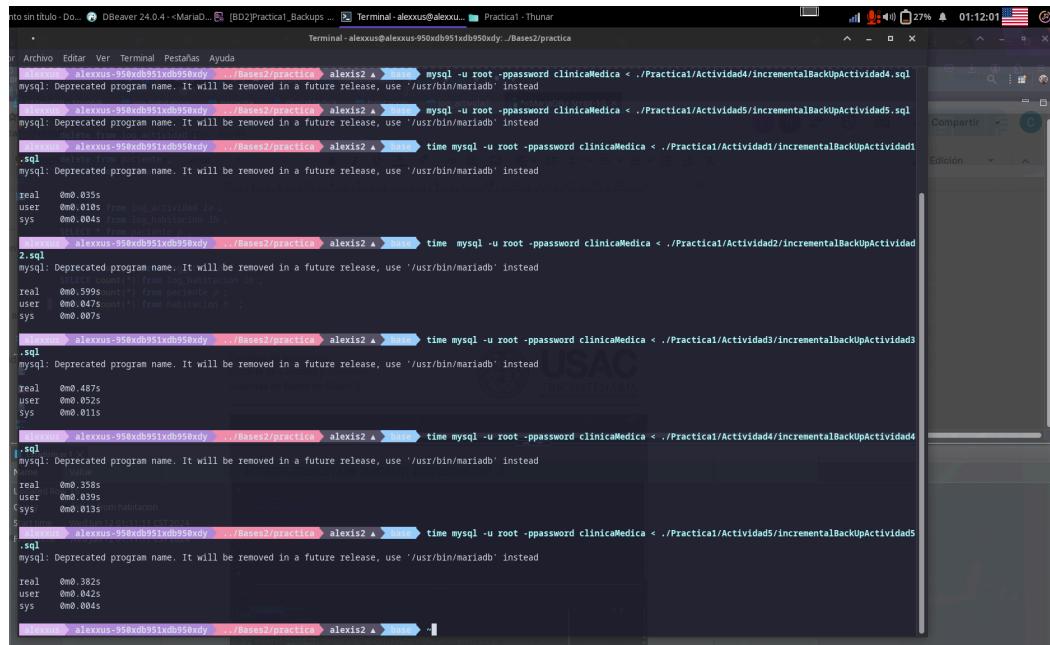
nicaMedica> Script

randysmc@randy-hpnotebook:~

```
time mysql -u root -ppassword clinicaMedica < /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad4/incrementalBackUpActividad4.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
mysql -u root -ppassword clinicaMedica < 0.14s user 0.02s system 25% cpu 0.655 total
time mysql -u root -ppassword clinicaMedica < /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad4/incrementalBackUpActividad4.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
mysql -u root -ppassword clinicaMedica < 0.06s user 0.02s system 13% cpu 0.578 total
time mysql -u root -ppassword clinicaMedica < /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad4/incrementalBackUpActividad4.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
mysql -u root -ppassword clinicaMedica < 0.19s user 0.03s system 26% cpu 0.831 total
time mysql -u root -ppassword clinicaMedica < /home/randysmc/Documentos/Universidad/2024/EDVJ/Bases_2/Laboratorio/BD2-EVJ2024_6/Practica1/Actividad4/incrementalBackUpActividad4.sql
```

Actividad 15

Restauración Backup incremental Actividad 5



```

alexius:~ alexius$ mysql -u root -pclinicaMedica < ./Practica1/Actividad5/incrementalBackUpActividad5.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead

alexius:~ alexius$ mysql -u root -pclinicaMedica < ./Practica1/Actividad4/incrementalBackUpActividad4.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead

alexius:~ alexius$ mysql -u root -pclinicaMedica < ./Practica1/Actividad3/incrementalBackUpActividad3.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead

alexius:~ alexius$ mysql -u root -pclinicaMedica < ./Practica1/Actividad2/incrementalBackUpActividad2.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead

alexius:~ alexius$ mysql -u root -pclinicaMedica < ./Practica1/Actividad1/incrementalBackUpActividad1.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead

real    0m0.035s
user    0m0.010s
sys     0m0.004s

alexius:~ alexius$ time mysql -u root -pclinicaMedica < ./Practica1/Actividad4/incrementalBackUpActividad4.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead

real    0m0.595s
user    0m0.047s
sys     0m0.007s

alexius:~ alexius$ time mysql -u root -pclinicaMedica < ./Practica1/Actividad3/incrementalBackUpActividad3.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead

real    0m0.487s
user    0m0.052s
sys     0m0.011s

alexius:~ alexius$ time mysql -u root -pclinicaMedica < ./Practica1/Actividad2/incrementalBackUpActividad2.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead

real    0m0.595s
user    0m0.047s
sys     0m0.007s

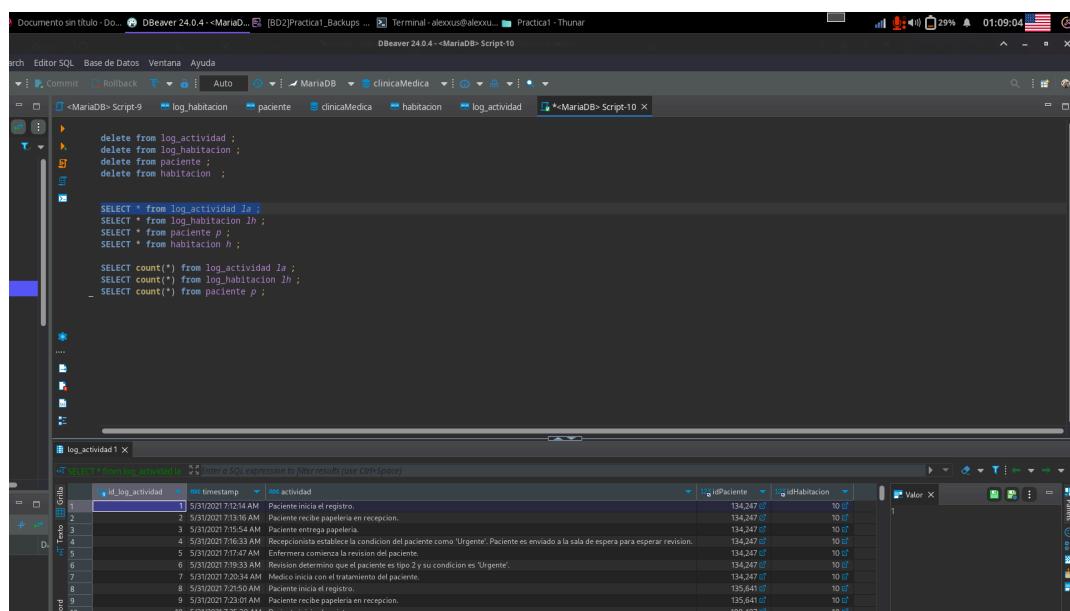
alexius:~ alexius$ time mysql -u root -pclinicaMedica < ./Practica1/Actividad1/incrementalBackUpActividad1.sql
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead

real    0m0.382s
user    0m0.042s
sys     0m0.004s

```

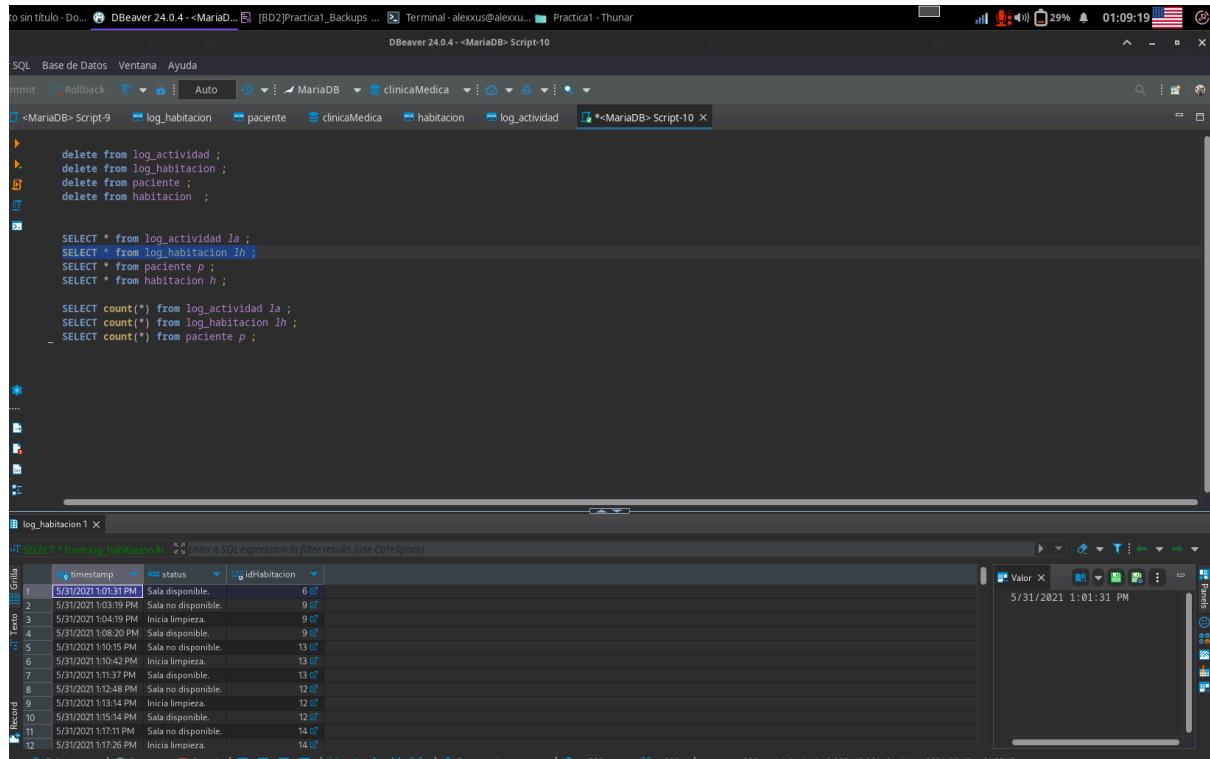
`mysql -u root -pclinicaMedica < ./Practica1/Actividad5/incrementalBackUpActividad5.sql`

`SELECT * FROM log_actividad;`
`SELECT * FROM log_actividad;`



id_log_actividad	timestamp	actividad	idPaciente	idHabitacion
1	5/31/2021 7:21:44 AM	Paciente inicia el registro.	134,247	10,07
2	5/31/2021 7:33:06 AM	Paciente recibe papeleria en recepcion.	134,247	10,07
3	5/31/2021 7:33:06 AM	Paciente entra en la clinica.	134,247	10,07
4	5/31/2021 7:36:33 AM	Receptaculo establece la condicion del paciente como 'Urgente'. Paciente es enviado a la sala de espera para esperar revision.	134,247	10,07
5	5/31/2021 7:37:47 AM	Enfermera comienza la revision del paciente.	134,247	10,07
6	5/31/2021 7:39:33 AM	Revision determino que el paciente es tipo 2 y su condicion es 'Urgente'.	134,247	10,07
7	5/31/2021 7:20:34 AM	Medico inicia con el tratamiento del paciente.	134,247	10,07
8	5/31/2021 7:25:00 AM	Paciente inicia el registro.	135,641	10,07
9	5/31/2021 7:25:00 AM	Paciente recibe papeleria en recepcion.	135,641	10,07
10	5/31/2021 7:25:39 AM	Paciente inicia el registro.	180,697	10,07

SELECT * FROM log_habitacion;

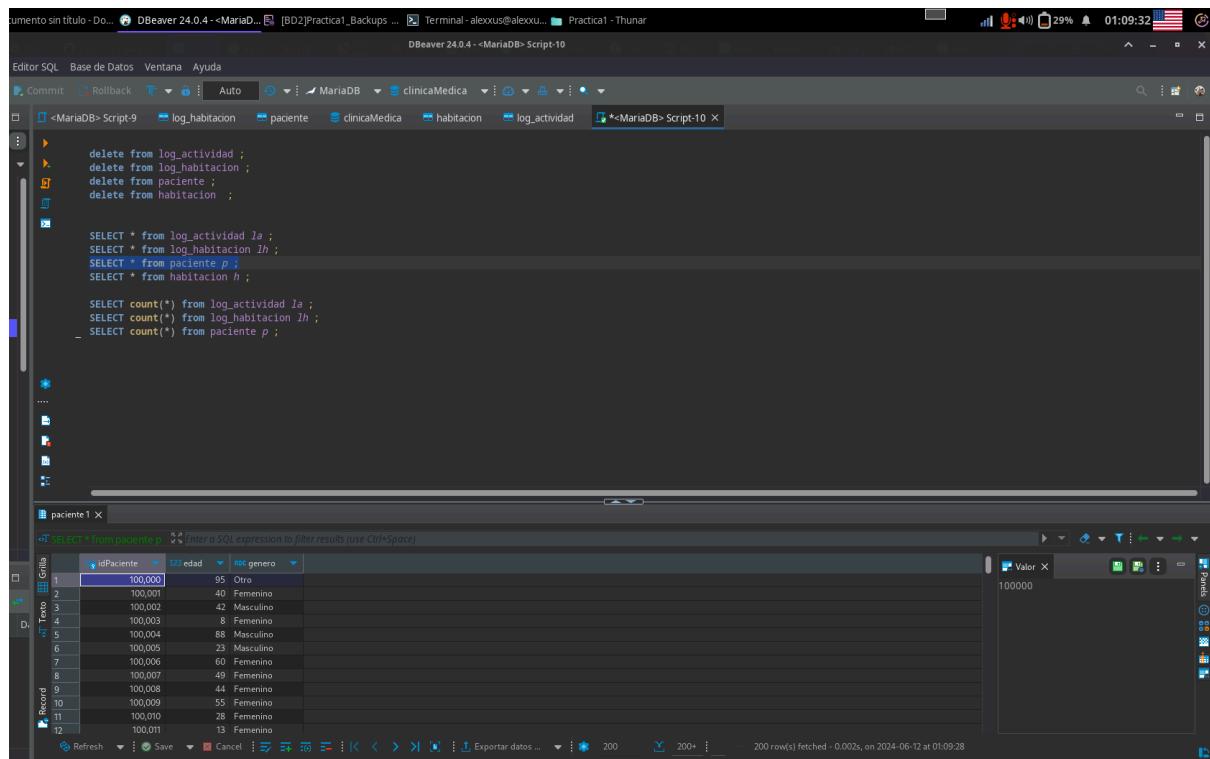


```
delete from log_actividad ;
delete from log_habitacion ;
delete from paciente ;
delete from habitacion ;

SELECT * from log_actividad la ;
SELECT * from log_habitacion lh ;
SELECT * from paciente p ;
SELECT * from habitacion h ;

SELECT count(*) from log_actividad la ;
SELECT count(*) from log_habitacion lh ;
SELECT count(*) from paciente p ;
```

SELECT * FROM paciente;

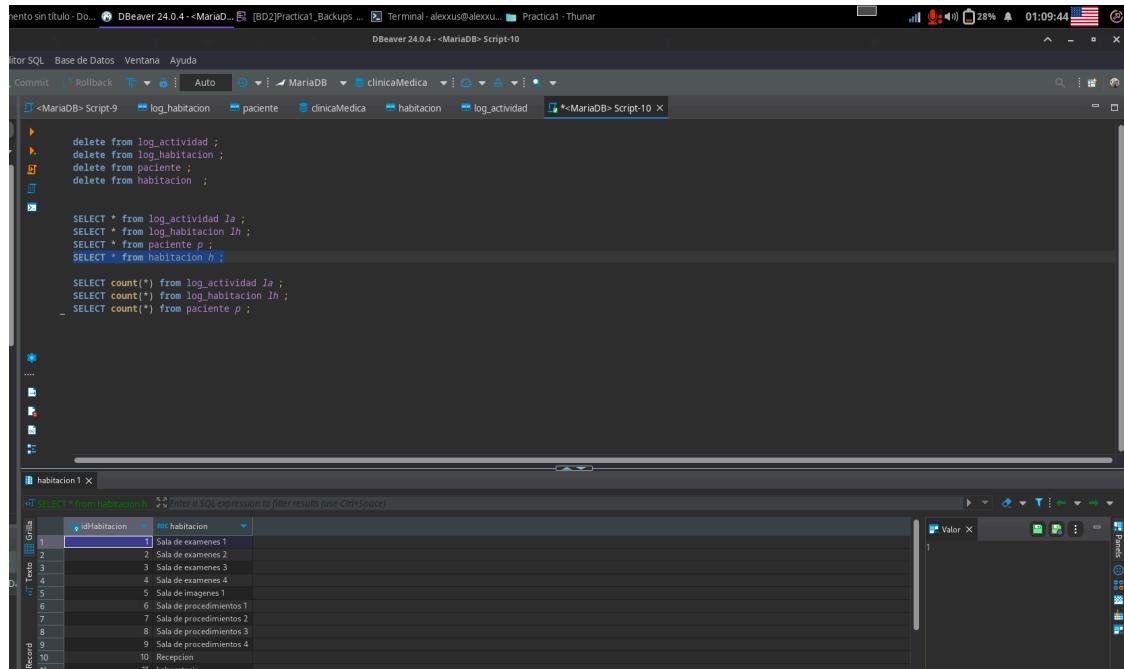


```
delete from log_actividad ;
delete from log_habitacion ;
delete from paciente ;
delete from habitacion ;

SELECT * from log_actividad la ;
SELECT * from log_habitacion lh ;
SELECT * from paciente p ;
SELECT * from habitacion h ;

SELECT count(*) from log_actividad la ;
SELECT count(*) from log.habitacion lh ;
SELECT count(*) from paciente p ;
```

SELECT * FROM habitacion;



DBeaver 24.0.4 - <MariaDB> [BD2]Practica1_Backups ... Terminal - alexxus@alex... Práctica1 - Thunar

Editor SQL Base de Datos Ventana Ayuda

Commit Rollback Auto MariaDB clínicaMedica habitación log_actividad <MariaDB> Script-9 log_habitación paciente <MariaDB> Script-10

```
delete from log_actividad ;
delete from log_habitación ;
delete from paciente ;
delete from habitación ;
```

```
SELECT * from log_actividad la ;
SELECT * from log_habitación lh ;
SELECT * from paciente p ;
SELECT * from habitación h ;
```

```
SELECT count(*) from log_actividad la ;
SELECT count(*) from log_habitación lh ;
SELECT count(*) from paciente p ;
```

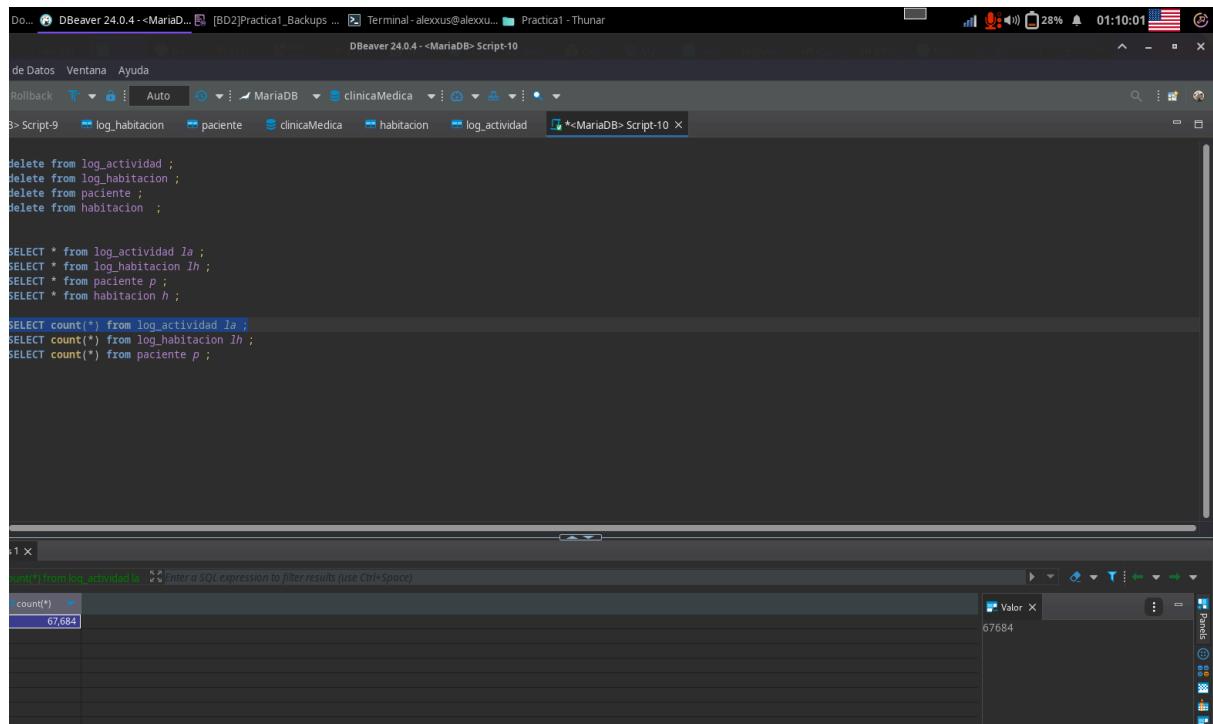
habitación 1 x

1 idHabitación habitación

idHabitación	habitación
1	Sala de exámenes 1
2	Sala de exámenes 2
3	Sala de exámenes 3
4	Sala de exámenes 4
5	Sala de imágenes 1
6	Sala de procedimientos 1
7	Sala de procedimientos 2
8	Sala de procedimientos 3
9	Sala de procedimientos 4
10	Recepción
11	Laboratorio

SELECT COUNT (*) FROM

SELECT COUNT(*) FROM log_actividad;



DBeaver 24.0.4 - <MariaDB> [BD2]Practica1_Backups ... Terminal - alexxus@alex... Práctica1 - Thunar

Editor SQL Base de Datos Ventana Ayuda

Rollback Auto MariaDB clínicaMedica habitación log_actividad <MariaDB> Script-10

```
delete from log_actividad ;
delete from log_habitación ;
delete from paciente ;
delete from habitación ;
```

```
SELECT * from log_actividad la ;
SELECT * from log_habitación lh ;
SELECT * from paciente p ;
SELECT * from habitación h ;
```

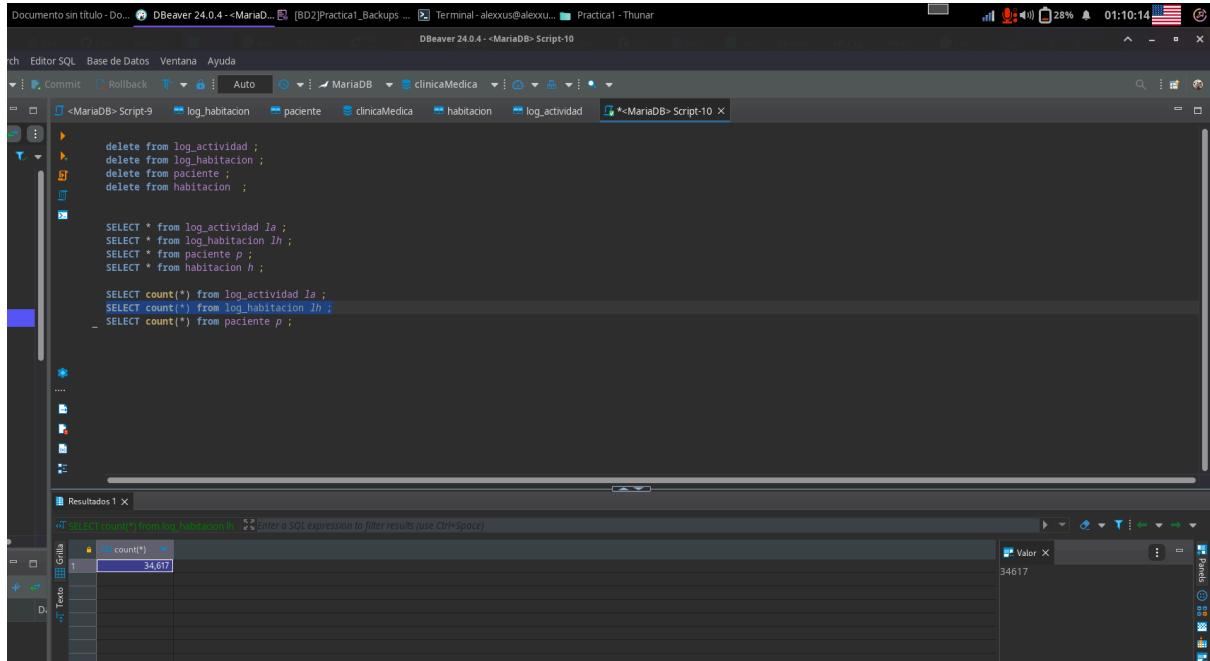
```
SELECT count(*) from log_actividad la ;
SELECT count(*) from log_habitación lh ;
SELECT count(*) from paciente p ;
```

count(*) x

count(*)

67684

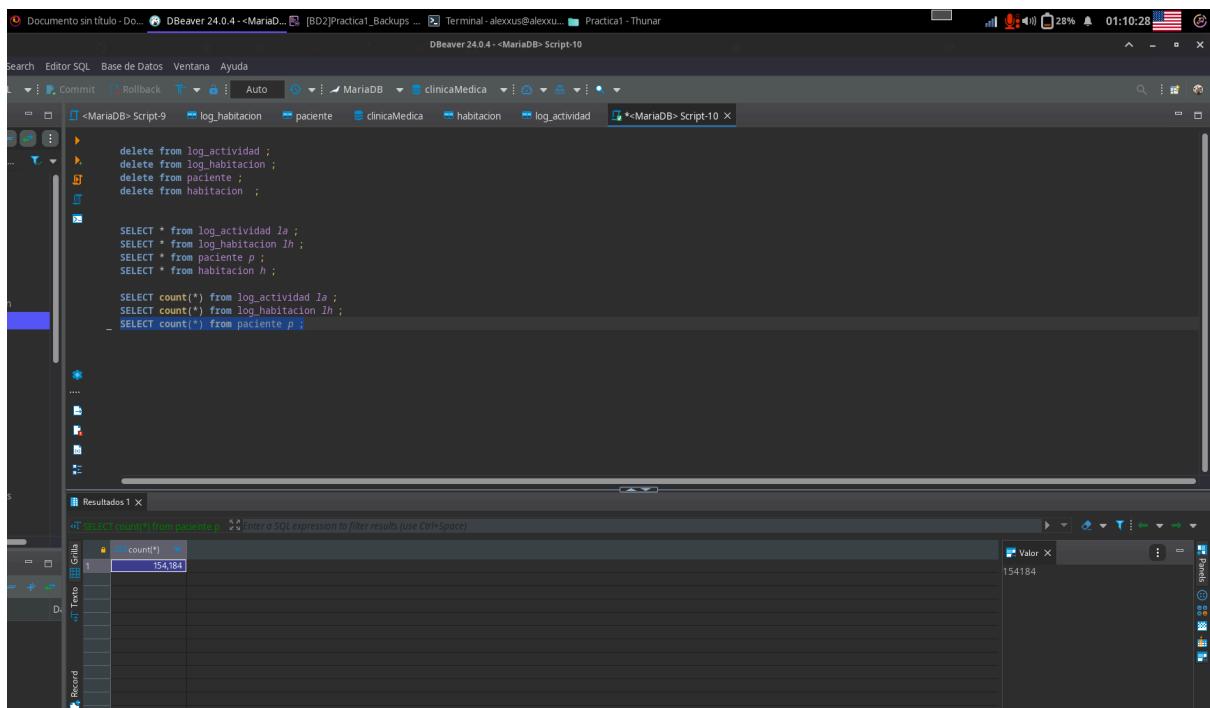
SELECT COUNT(*) FROM log_habitacion;



The screenshot shows the DBeaver interface with the following details:

- Top bar: Documento sin título - Do..., DBeaver 24.0.4 - <MariaDB>, [BD2]Práctica1_Backups ..., Terminal - alexxus@alex... Práctica1 - Thunar
- Toolbar: Commit, Rollback, Auto, MariaDB, clínicaMedica, habitación, log_actividad, Script-10
- Script pane: Contains a series of DELETE statements followed by SELECT COUNT(*) statements for log_actividad, log_habitacion, paciente, and habitacion.
- Results pane: Shows the output of the last SELECT COUNT(*) statement for log_habitacion, which is 34617.

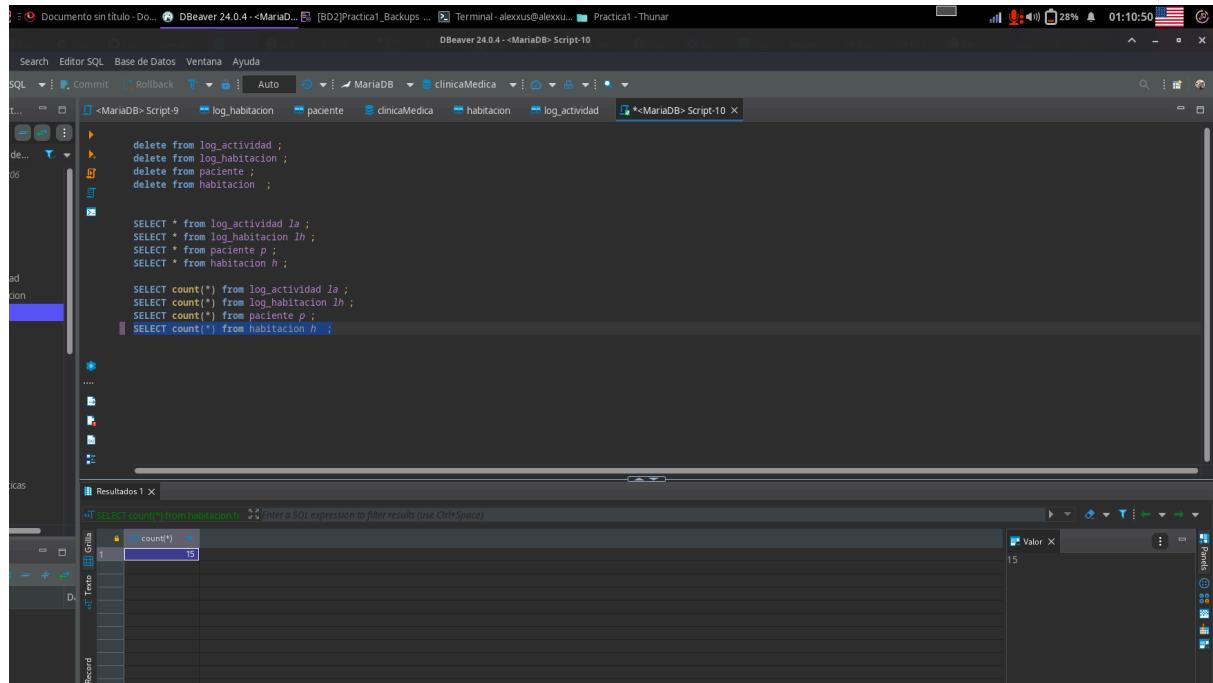
SELECT COUNT(*) FROM paciente;



The screenshot shows the DBeaver interface with the following details:

- Top bar: Documento sin título - Do..., DBeaver 24.0.4 - <MariaDB>, [BD2]Práctica1_Backups ..., Terminal - alexxus@alex... Práctica1 - Thunar
- Toolbar: Commit, Rollback, Auto, MariaDB, clínicaMedica, habitación, log_actividad, Script-10
- Script pane: Contains a series of DELETE statements followed by SELECT COUNT(*) statements for log_actividad, log_habitacion, paciente, and habitacion.
- Results pane: Shows the output of the last SELECT COUNT(*) statement for paciente, which is 154184.

SELECT COUNT(*) FROM habitacion;



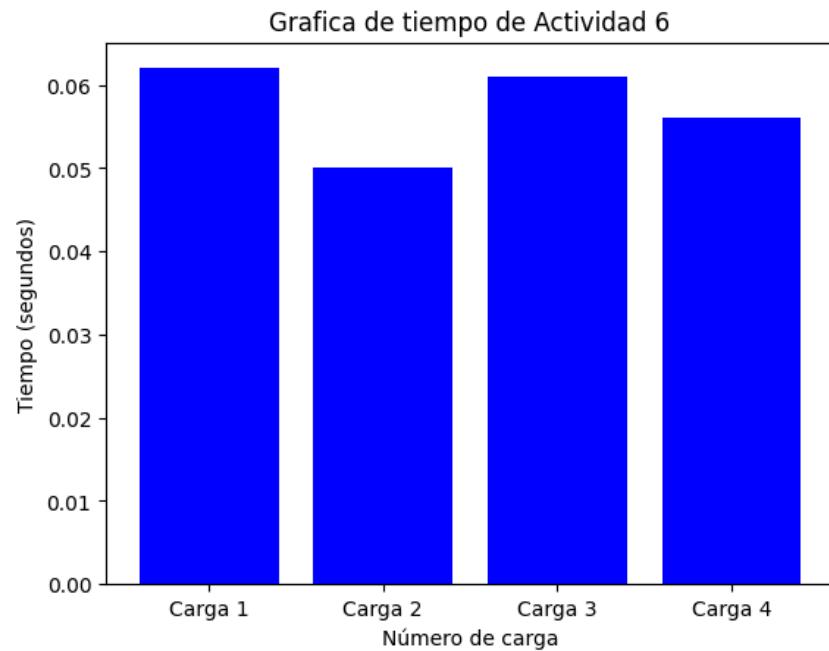
The screenshot shows the DBeaver 24.0.4 interface. In the top-left, there's a search bar and a menu bar with options like Search, Editor SQL, Base de Datos, Ventana, Ayuda. Below the menu is a toolbar with icons for Commit, Rollback, Auto, and various database connection buttons. The main workspace has several tabs open: <MariaDB> Script-9, log_habitacion, paciente, clinicaMedica, habitacion, log_actividad, and <MariaDB> Script-10. The habitacion tab is currently active. The code editor contains a series of SQL statements, mostly delete operations on log, paciente, and habitacion tables, followed by five SELECT COUNT(*) statements for each of those tables. The results pane at the bottom shows a single row of data from the 'Resultados 1' tab, which displays the count of rows in the habitacion table as 15.

Count	Value
count(*)	15

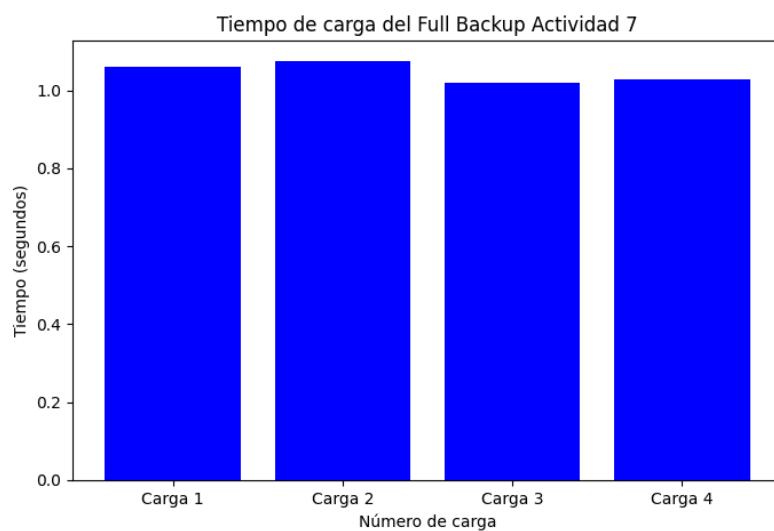
Análisis de resultados

Gráficas

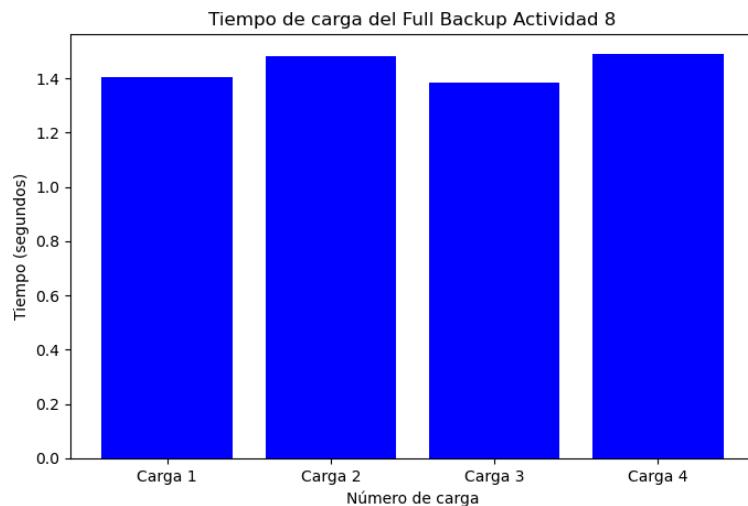
Gráfica Full Backup 6



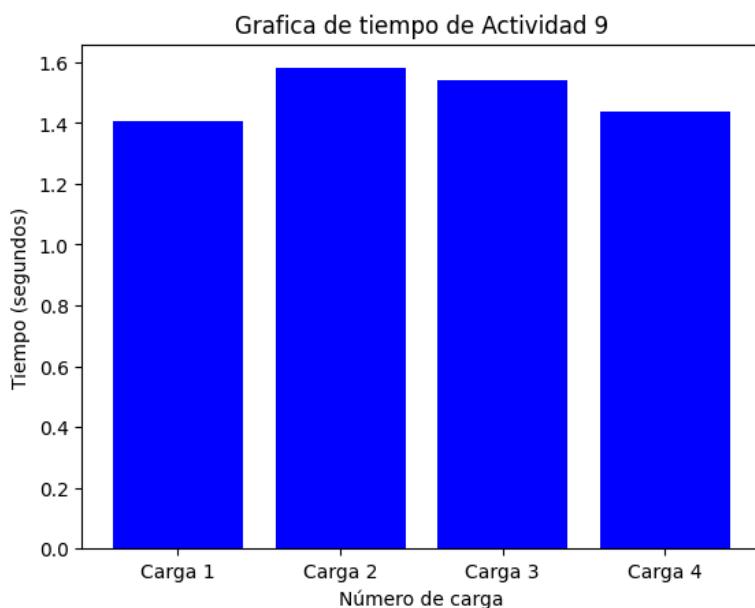
Gráfica Full Backup 7



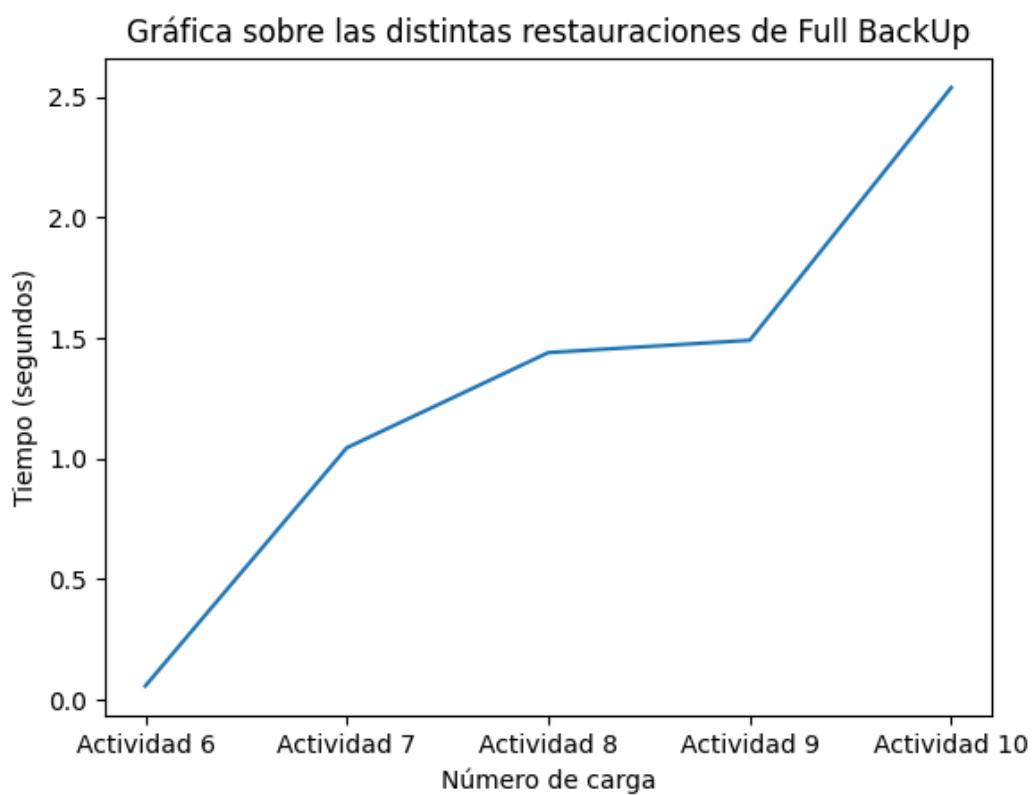
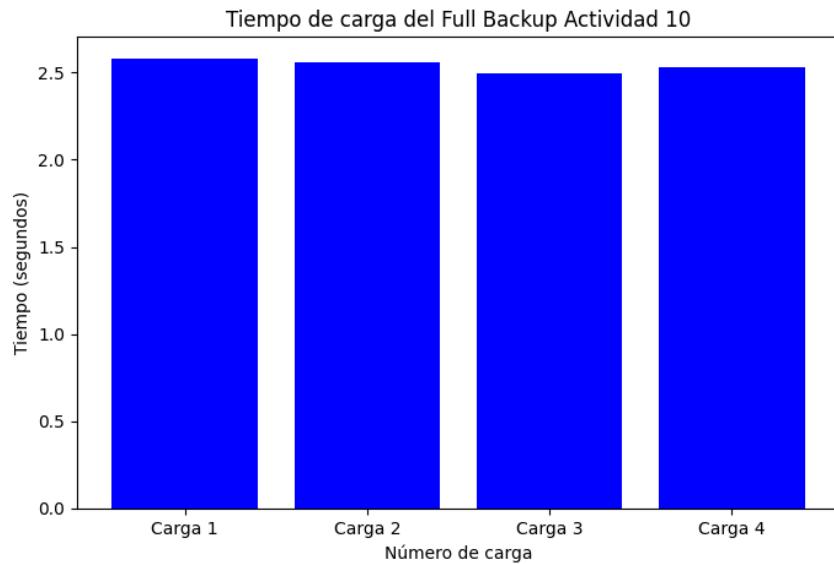
Gráfica Full Backup 8



Gráfica Full Backup 9



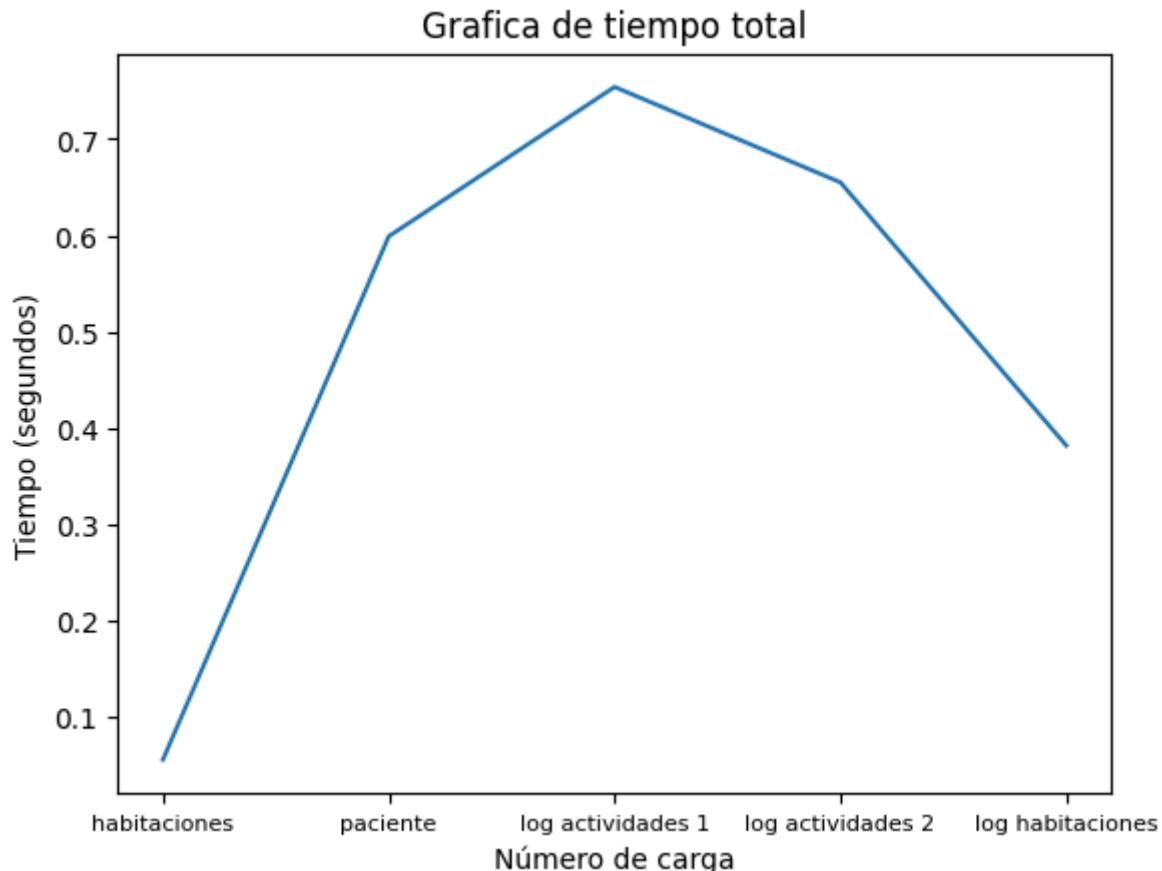
Gráfica Full Backup 10



Gráfica tiempos de Full BackUp



Gráfica de Incremental Backup



Gráfica tiempos de Incremental BackUp

Las gráficas de barras anteriores representan las cargas de Full Backups, se realizaron 4 cargas del mismo backup para poder realizar mediciones de tiempos y poder realizar un análisis de cada una de las actividades.

Las variaciones en los tiempos de carga de los Full Backups pueden atribuirse a diversos factores, como los recursos del CPU y memoria. La cantidad creciente de datos en cada Full Backup, evidenciada en la [gráfica de Full BackUp](#), muestra incrementos graduales en el tiempo necesario para completar las actividades de la 6 a la 10. Este incremento refleja un mayor procesamiento requerido conforme aumenta la cantidad de datos que fueron respaldados. Además, es importante considerar que las diferencias de tiempos también pueden deberse a las especificaciones de las computadoras utilizadas por cada uno de los integrantes del grupo, así como a la gestión de recursos, sistema operativo utilizado y la configuración del mismo. El tiempo máximo es de 2.5 segundos, tiempo que corresponde a la carga del backup completo con todos los registros de pacientes, habitaciones, log

actividades y logs habitaciones, este backup representa la totalidad de información a la que se puede llegar según los archivos compartidos.

Al analizar los tiempos de los backups incrementales, observamos una relación directa con la cantidad de datos recuperados en cada proceso de carga. El primer backup incremental, correspondiente a la tabla de habitaciones, tiene un tiempo bajo debido a la cantidad relativamente baja de datos. El backup incremental de la tabla de pacientes muestra tiempo más moderado a pesar de tener más datos que los "log de actividades" y "log habitación", debido a que tiene menos atributos. Los tiempos más altos se registran en los backups de "log actividades 1" y "log actividades 2", ya que ambos contienen grandes cantidades de datos y su diferencia de tiempo es mínima. En el backup incremental 4, se destaca que solo se insertaron datos sin recrear el esquema, lo que influye en los tiempos. Finalmente, el backup incremental de "log habitaciones" registra tiempo cercano a log actividades ya que a pesar de tener casi la misma cantidad de datos a insertar tiene menos atributos.

Consideramos también que los tiempos requeridos para cargar tanto los backups completos como los incrementales están relacionados con la cantidad de datos recuperados y cargados a la base de datos. Conforme el número de registro aumenta, el tiempo necesario para completar cada una de las actividades de recuperación aumenta.



Conclusiones

1. Como podemos observar si hay bastante diferencia entre los dos tipos de backups, ya que en el completo se tiene que conforme estos van avanzando, el tiempo de estos se incrementa, esto debido a que cada uno contiene más información, de estructura y de información, lo cual la carga de esta información será gradualmente mayor y por ende mayor en cuanto a tiempo.
Ahora en cuanto a los backups incrementales aquí podemos apreciar un fenómeno interesante y es que estos si bien contienen una determinada cantidad de información, estos varían de cierta forma, ya que actividades más avanzadas no son sinónimo de mayor cantidad de tiempo, esto se puede ver apreciado en cuanto a la actividad 3 y actividad 4, ya que la 4 es de menor cantidad de tiempo, por el hecho de no contar con esa parte de declaración de estructura para la tabla, sino solamente de ingreso de datos.
2. Para salvaguardar nuestra información de posibles pérdidas, la creación de copias de seguridad es fundamental. Si bien esto garantiza un acceso constante a todos los datos, cada copia de seguridad requiere una cantidad significativa de espacio en disco. El aspecto crucial es tener estas copias de seguridad disponibles para fines de restauración. Las copias de seguridad incrementales se basan en una copia de seguridad completa al guardar los cambios realizados desde la última copia de seguridad. Este método optimiza el almacenamiento al copiar cada archivo solo una vez, lo que reduce el uso de espacio. Las copias de seguridad incrementales ofrecen ventajas sustanciales: mejoran la confiabilidad y accesibilidad de los datos, conservan el almacenamiento, y aceleran los procesos de copia de seguridad en comparación con las copias de seguridad completas. Sin embargo, pueden implicar tiempos de restauración más lentos y requerir una gestión cuidadosa de la integridad incremental. En la base de datos utilizada, con un total de 256,500 registros puede verse los distintos tiempos desde la creación de backups incrementales, backups completos y la carga de estos mismos backups.
3. El análisis de los tiempos de los backups incrementales revela que la eficiencia del proceso está influenciada tanto por la cantidad de datos como por la estructura de las tablas involucradas. Los tiempos de respaldo son más bajos cuando se manejan tablas con menos datos y atributos como en la tabla pacientes, son moderados cuando a pesar que tienen más inserciones estas no contienen tantos atributos como en la tabla pacientes y log habitaciones, y son altos cuando se contienen grandes cantidades de datos y de atributos.