

Universidad de San Carlos de Guatemala

Facultad de Ingeniería

Escuela de Ciencias y Sistemas

Laboratorio de Sistema de Bases de Datos 2

Sección N

Ing. Marlon Francisco Orellana

Aux. Edin Emanuel Montenegro Vásquez

Práctica 1

Backups y restauración de Bases de Datos

Pareja 4

Carnet	Nombre
201901772	Daniel Reginaldo Dubón Rodríguez
202004745	Allen Giancarlo Román Vásquez

Creación de Backups

Día 1:

- Carga de datos

The screenshot shows the MySQL Workbench interface. At the top, a query editor window displays the following SQL code:

```
1 LOAD DATA INFILE "C:\\ProgramData\\MySQL\\MySQL Server 8.0\\Uploads\\EntradaPrac1\\Habitaciones.csv"
2 INTO TABLE habitacion
3 CHARACTER SET 'latin1'
4 FIELDS TERMINATED BY ';'
5 LINES TERMINATED BY '\\n'
6 IGNORE 1 ROWS
7 (idhabitacion,habitacion);
8
```

Below the code, the 'Result Grid' pane shows the data being loaded into the 'habitacion' table:

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 procedimientos 1
6	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

The 'Output' pane at the bottom shows the log of executed statements:

#	Time	Action	Message	Duration / Fetch
19	03:39:43	LOAD DATA INFILE "C:\\ProgramData\\MySQL\\MySQL Server 8.0\\Uploads\\EntradaPrac1\\Habitaciones.csv"	INTO TABLE habitacion CHARA... 15 row(s) affected Records: 15 Deleted: 0 Skipped: 0 Warnings: 0	0.000 sec
20	03:40:00	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
21	03:40:15	DROP DATABASE bd2_practica1	4 row(s) affected	0.016 sec
22	03:40:17	CREATE DATABASE bd2_practica1	1 row(s) affected	0.000 sec
23	03:40:19	USE bd2_practica1	0 row(s) affected	0.000 sec
24	03:40:23	CREATE TABLE habitacion (idhabitacion INT PRIMARY KEY, ... habitacion VARCHAR(50))	0 row(s) affected	0.000 sec
25	03:40:28	LOAD DATA INFILE "C:\\ProgramData\\MySQL\\MySQL Server 8.0\\Uploads\\EntradaPrac1\\Habitaciones.csv"	INTO TABLE habitacion CHARA... Errr Code: 1115. Unknown character set: 'UTF8'	0.000 sec
26	03:40:34	LOAD DATA INFILE "C:\\ProgramData\\MySQL\\MySQL Server 8.0\\Uploads\\EntradaPrac1\\Habitaciones.csv"	INTO TABLE habitacion CHARA... Errr Code: 1115. Unknown character set: 'UTF8'	0.000 sec
27	03:41:19	LOAD DATA INFILE "C:\\ProgramData\\MySQL\\MySQL Server 8.0\\Uploads\\EntradaPrac1\\Habitaciones.csv"	INTO TABLE habitacion CHARA... 15 row(s) affected Records: 15 Deleted: 0 Skipped: 0 Warnings: 0	0.000 sec
28	03:41:23	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
29	03:42:10	LOAD DATA INFILE "C:\\ProgramData\\MySQL\\MySQL Server 8.0\\Uploads\\EntradaPrac1\\Habitaciones.csv"	INTO TABLE habitacion CHARA... Errr Code: 1062. Duplicate entry '1' for key 'habitacion.PRIMARY'	0.000 sec
30	03:42:18	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec

- SELECT * FROM cada tabla

- o SELECT * FROM habitacion;

The screenshot shows the MySQL Workbench interface. At the top, a query editor window displays the following SQL code:

1. **SELECT * FROM habitacion;**
2. **SELECT * FROM log_actividad;**
3. **SELECT * FROM paciente;**

Below the code, the 'Result Grid' pane shows the data for each table:

habitacion	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

log_actividad	log_actividad
1	16:03:17:33
2	16:03:17:56
3	16:03:20:23
4	16:03:24:00
5	16:03:40:15
6	16:03:40:17
7	16:03:40:19
8	16:03:40:23
9	16:03:40:28
10	16:03:41:19
11	16:03:41:23
12	16:03:42:10
13	16:03:42:18
14	16:03:50:16

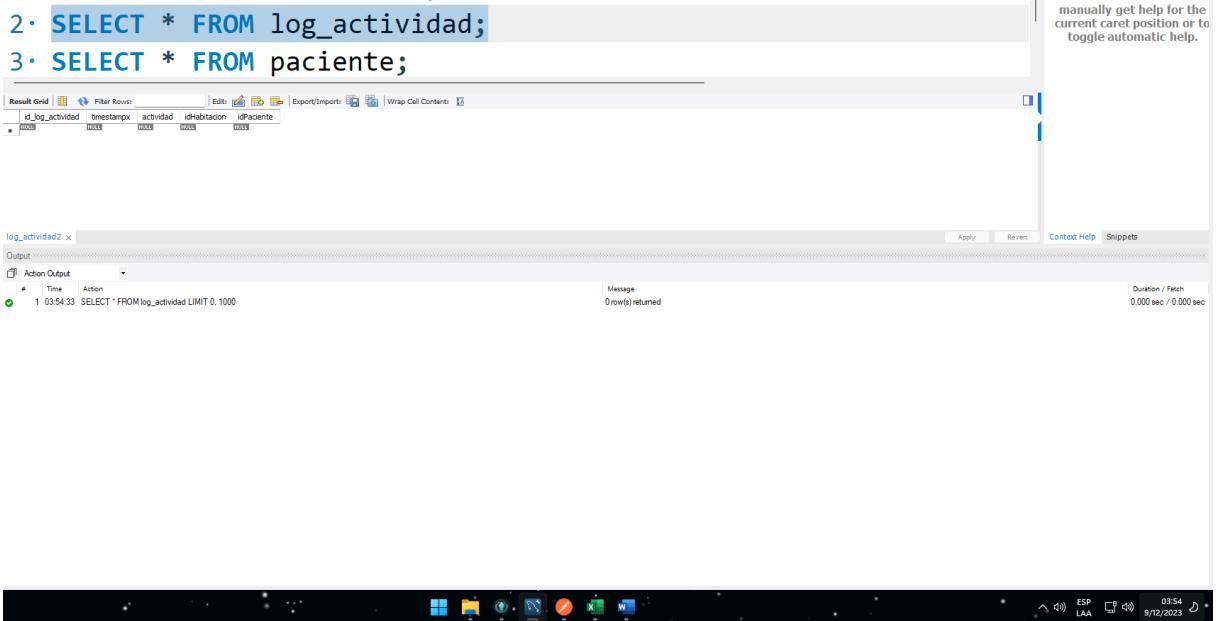
paciente	paciente
1	16:03:17:33
2	16:03:17:56
3	16:03:20:23
4	16:03:24:00
5	16:03:40:15
6	16:03:40:17
7	16:03:40:19
8	16:03:40:23
9	16:03:40:28
10	16:03:41:19
11	16:03:41:23
12	16:03:42:10
13	16:03:42:18
14	16:03:50:16

The 'Output' pane at the bottom shows the log of executed statements:

#	Time	Action	Message	Duration / Fetch
16	03:17:33	CREATE TABLE log_habitacion (timestampx VARCHAR(100) PRIMARY KEY, ... status VARCHAR(45) NOT NULL, idhabitacion INT, PRIMARY KEY timestamp...	Errr Code: 1068. Multiple primary key defined	0.000 sec
17	03:17:56	CREATE TABLE log_habitacion (timestampx VARCHAR(100), status VARCHAR(45) NOT NULL, idhabitacion INT, PRIMARY KEY timestamp...	0 row(s) affected	0.031 sec
18	03:20:23	LOAD DATA INFILE "C:\\ProgramData\\MySQL\\MySQL Server 8.0\\Uploads\\EntradaPrac1\\Habitaciones.csv"	INTO TABLE habitacion CHARA... 0 row(s) affected Records: 0 Deleted: 0 Skipped: 0 Warnings: 0	0.000 sec
19	03:24:00	LOAD DATA INFILE "C:\\ProgramData\\MySQL\\MySQL Server 8.0\\Uploads\\EntradaPrac1\\Habitaciones.csv"	INTO TABLE habitacion CHARA... 15 row(s) affected Records: 15 Deleted: 0 Skipped: 0 Warnings: 0	0.000 sec
20	03:40:15	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
21	03:40:17	DROP DATABASE bd2_practica1	4 row(s) affected	0.016 sec
22	03:40:19	CREATE DATABASE bd2_practica1	1 row(s) affected	0.000 sec
23	03:40:23	USE bd2_practica1	0 row(s) affected	0.000 sec
24	03:40:23	CREATE TABLE habitacion (idhabitacion INT PRIMARY KEY, ... habitacion VARCHAR(50))	0 row(s) affected	0.000 sec
25	03:40:28	LOAD DATA INFILE "C:\\ProgramData\\MySQL\\MySQL Server 8.0\\Uploads\\EntradaPrac1\\Habitaciones.csv"	INTO TABLE habitacion CHARA... Errr Code: 1115. Unknown character set: 'UTF8'	0.000 sec
26	03:41:19	LOAD DATA INFILE "C:\\ProgramData\\MySQL\\MySQL Server 8.0\\Uploads\\EntradaPrac1\\Habitaciones.csv"	INTO TABLE habitacion CHARA... Errr Code: 1115. Unknown character set: 'UTF8'	0.000 sec
27	03:41:23	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) affected Records: 15 Deleted: 0 Skipped: 0 Warnings: 0	0.000 sec
28	03:42:10	LOAD DATA INFILE "C:\\ProgramData\\MySQL\\MySQL Server 8.0\\Uploads\\EntradaPrac1\\Habitaciones.csv"	INTO TABLE habitacion CHARA... Errr Code: 1062. Duplicate entry '1' for key 'habitacion.PRIMARY'	0.000 sec
29	03:42:18	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
30	03:50:16	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec

- o `SELECT * FROM log_actividad;`

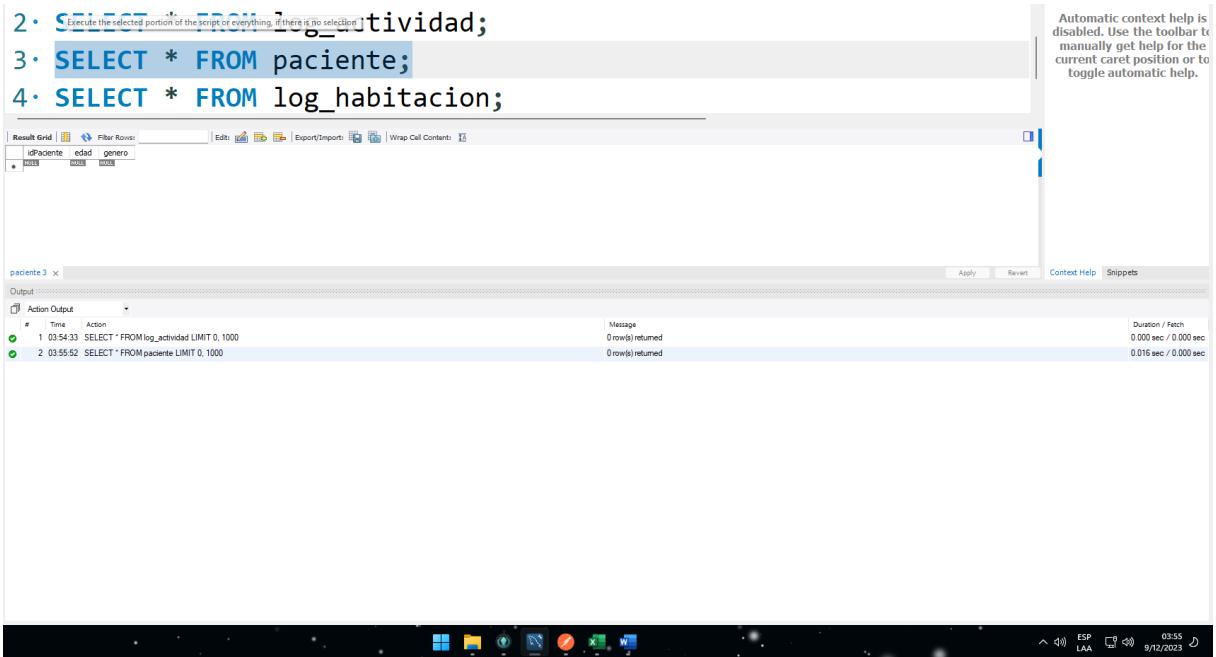
2. `SELECT * FROM log_actividad;`
 3. `SELECT * FROM paciente;`



The screenshot shows a database interface with two tabs open. The top tab is titled 'log_actividad' and contains a result grid with columns: id_log_actividad, timestampx, actividad, idHabitacion, and idPaciente. The bottom tab is titled 'paciente' and contains a result grid with columns: idPaciente, edad, genero. Both tabs have an 'Output' section below them. The 'log_actividad' tab shows one row returned from the first query and two rows returned from the second. The 'paciente' tab shows two rows returned from the first query and one row returned from the second. The status bar at the bottom right indicates the date as 9/12/2023 and the time as 03:54.

- o `SELECT * FROM paciente;`

2. `SELECT * FROM log_actividad;`
 3. `SELECT * FROM paciente;`
 4. `SELECT * FROM log_habitacion;`



The screenshot shows a database interface with three tabs open. The top tab is titled 'paciente' and contains a result grid with columns: idPaciente, edad, genero. The middle tab is titled 'log_actividad' and contains a result grid with columns: id_log_actividad, timestampx, actividad, idHabitacion, and idPaciente. The bottom tab is titled 'log_habitacion' and contains a result grid with columns: idHabitacion, timestampx, habitacion, and idPaciente. All tabs have an 'Output' section below them. The 'paciente' tab shows two rows returned from the first query. The 'log_actividad' tab shows one row returned from the second query. The 'log_habitacion' tab shows one row returned from the third query. The status bar at the bottom right indicates the date as 9/12/2023 and the time as 03:55.

- o `SELECT * FROM log_habitacion;`

4. `SELECT * FROM log_habitacion;`

timestamp	statusx	idhabitacion
2023-09-12 03:54:33	1	1

log_habitacion 4 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	03:54:33	<code>SELECT * FROM log_actividad LIMIT 0, 1000</code>	0 row(s) returned	0.000 sec / 0.000 sec
2	03:55:52	<code>SELECT * FROM paciente LIMIT 0, 1000</code>	0 row(s) returned	0.016 sec / 0.000 sec
3	03:59:15	<code>SELECT * FROM log_habitacion LIMIT 0, 1000</code>	0 row(s) returned	0.000 sec / 0.000 sec

ESP LAA 03:59 9/12/2023

- **SELECT COUNT(*) FROM cada tabla**

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

5. `SELECT COUNT(*) FROM habitacion;`
 6. `SELECT COUNT(*) FROM log_actividad;`
 7. `SELECT COUNT(*) FROM paciente;`

COUNT(*)
15

Result 5 x

Output

Action Output

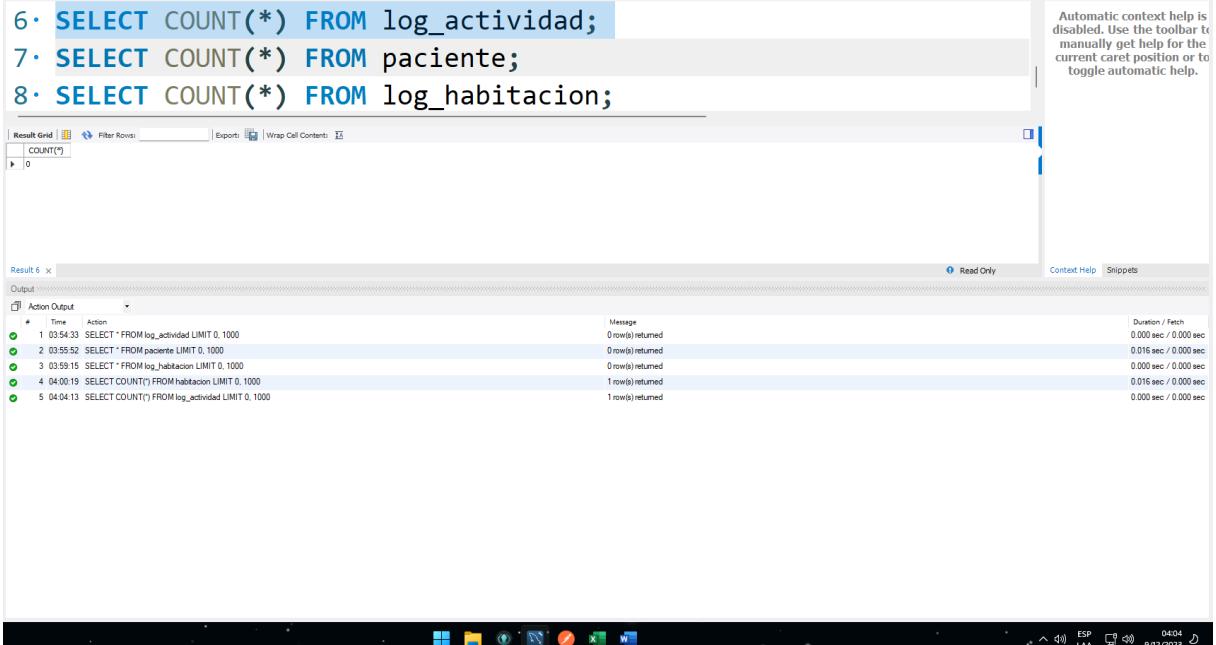
#	Time	Action	Message	Duration / Fetch
1	03:54:33	<code>SELECT * FROM log_actividad LIMIT 0, 1000</code>	0 row(s) returned	0.000 sec / 0.000 sec
2	03:55:52	<code>SELECT * FROM paciente LIMIT 0, 1000</code>	0 row(s) returned	0.016 sec / 0.000 sec
3	03:59:15	<code>SELECT * FROM log_habitacion LIMIT 0, 1000</code>	0 row(s) returned	0.000 sec / 0.000 sec
4	04:00:19	<code>SELECT COUNT(*) FROM habitacion LIMIT 0, 1000</code>	1 row(s) returned	0.016 sec / 0.000 sec

Read Only Context Help Snippets

ESP LAA 04:00 9/12/2023

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

6 · `SELECT COUNT(*) FROM log_actividad;`
 7 · `SELECT COUNT(*) FROM paciente;`
 8 · `SELECT COUNT(*) FROM log_habitacion;`



Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid | Filter Rows | Export: | Wrap Cell Contents: |

Result 6			
COUNT(*)	0		

Result Output

Action	Time	Action	Message	Duration / Fetch
1	03:54:33	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
2	03:55:52	SELECT * FROM paciente LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
3	03:59:15	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
4	04:00:19	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
5	04:04:13	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Read Only | Context Help | Snippets

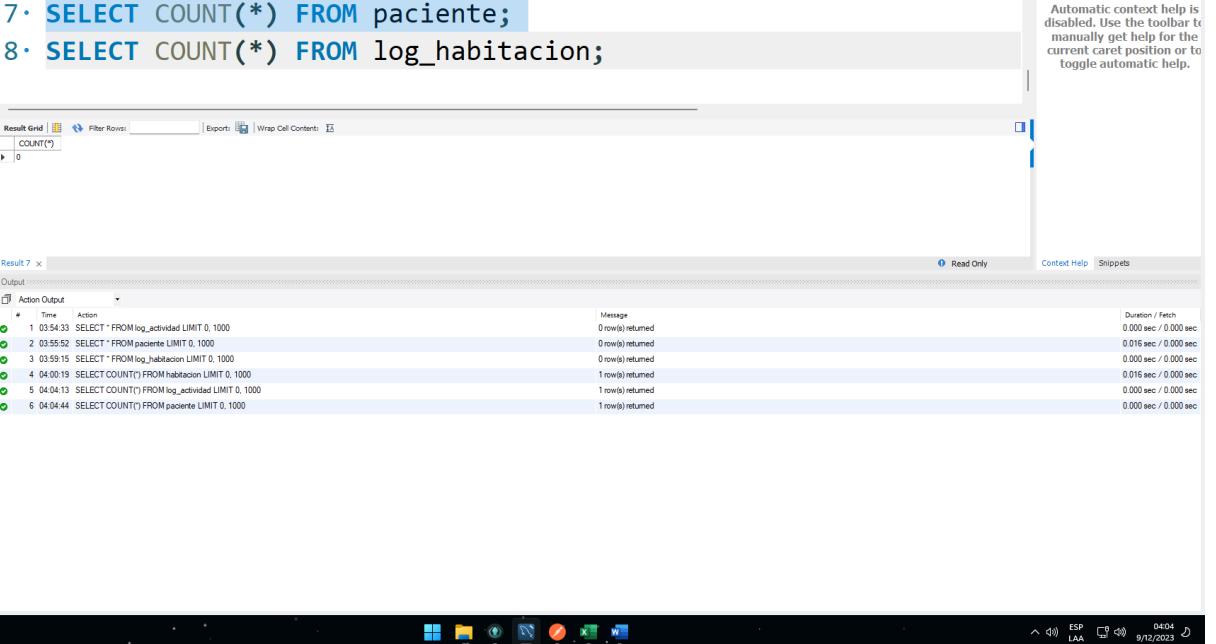
Result 6 | Result 7 | Result 8 |

Output

ESP LAA 04:04 9/12/2023

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

7 · `SELECT COUNT(*) FROM paciente;`
 8 · `SELECT COUNT(*) FROM log_habitacion;`



Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid | Filter Rows | Export: | Wrap Cell Contents: |

Result 7			
COUNT(*)	0		

Result Output

Action	Time	Action	Message	Duration / Fetch
1	03:54:33	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
2	03:55:52	SELECT * FROM paciente LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
3	03:59:15	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
4	04:00:19	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
5	04:04:13	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
6	04:04:44	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Read Only | Context Help | Snippets

Result 6 | Result 7 | Result 8 |

Output

ESP LAA 04:04 9/12/2023

- o `SELECT COUNT(*) FROM log_habitacion;`

8 · `SELECT COUNT(*) FROM log_habitacion;`

Result Grid | Filter Rows | Export | Wrap Cell Content | □

COUNT(*)
0

manually get help for the current caret position or to toggle automatic help.

Result 8 × Read Only Context Help Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
1	03:54:33	<code>SELECT * FROM log_actividad LIMIT 0, 1000</code>	0 row(s) returned	0.000 sec / 0.000 sec
2	03:55:52	<code>SELECT * FROM paciente LIMIT 0, 1000</code>	0 row(s) returned	0.016 sec / 0.000 sec
3	03:59:15	<code>SELECT * FROM log_habitacion LIMIT 0, 1000</code>	0 row(s) returned	0.000 sec / 0.000 sec
4	04:00:19	<code>SELECT COUNT(*) FROM habitacion LIMIT 0, 1000</code>	1 row(s) returned	0.016 sec / 0.000 sec
5	04:04:13	<code>SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000</code>	1 row(s) returned	0.000 sec / 0.000 sec
6	04:04:44	<code>SELECT COUNT(*) FROM paciente LIMIT 0, 1000</code>	1 row(s) returned	0.000 sec / 0.000 sec
7	04:05:06	<code>SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000</code>	1 row(s) returned	0.000 sec / 0.000 sec

ESP LAA 04:05 9/12/2023

- Creación de backup completo

```
PS D:\UNIVERSIDAD\2023 Segundo Semestre Vacaciones\Sistemas de Bases de Datos 2\Laboratorio\BD2-Pareja4\Practica1\Backups\Completo> measure-command {mysqldump -u root -p bd2_practica1 | Out-File -Filepath "backupFdia1.sql" -Encoding UTF8}
Enter password: *****

Days : 0
Hours : 0
Minutes : 0
Seconds : 3
Milliseconds : 234
Ticks : 32345996
TotalDays : 3.74374953703704E-05
TotalHours : 0.000898499888888889
TotalMinutes : 0.0539099933333333
TotalSeconds : 3.2345996
TotalMilliseconds : 3234.5996
```

ESP LAA 04:32 9/12/2023

- Creación de backup incremental

```

Administrator: PowerShell
measure-command { mysqlbinlog "C:\ProgramData\MySQL\MySQL Server 8.0\Data\ DANIELDUBON-bin.000023" > backupIncDia1.sql }

Days : 0
Hours : 0
Minutes : 0
Seconds : 0
Milliseconds : 54
Ticks : 549059
TotalDays : 6.35484953703704E-07
TotalHours : 1.52516388888889E-05
TotalMinutes : 0.000915098333333333
TotalSeconds : 0.0549059
TotalMilliseconds : 54.9059

```

Día 2:

- Carga de datos

```

LOAD DATA INFILE "C:\\\\ProgramData\\\\MySQL\\\\MySQL Server 8.0\\\\Uploads\\\\EntradaPrac1\\\\Pacientes.csv"
INTO TABLE paciente
CHARACTER SET 'latin1'
FIELDS TERMINATED BY ';'
LINES TERMINATED BY '\\n'
IGNORE 1 ROWS
(idPaciente,edad,genero)

```

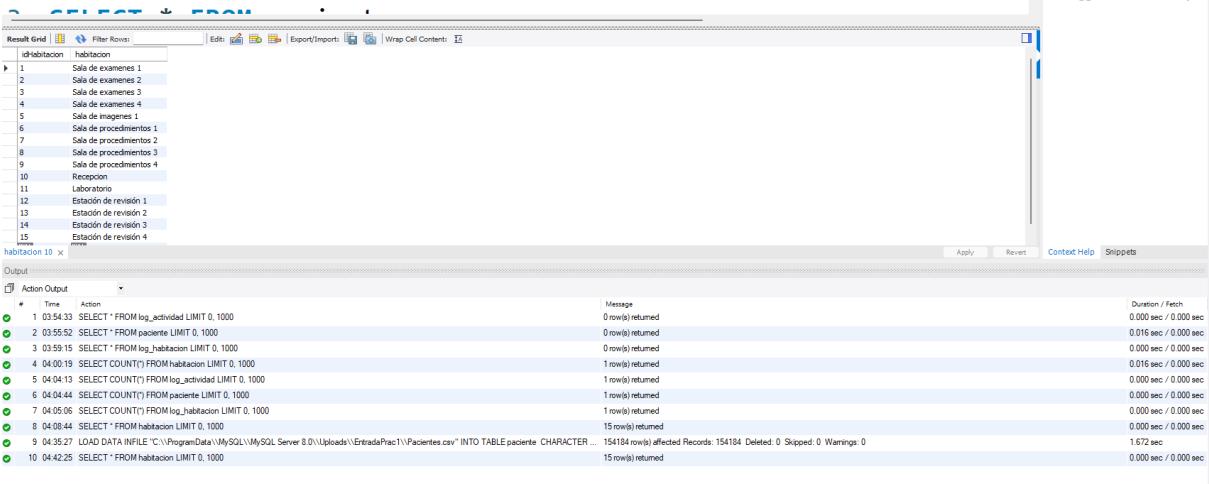
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Action	Output
# 1 03:54:33 SELECT * FROM log_actividad LIMIT 0, 1000	Message: 0 row(s) returned Duration / Fetch: 0.000 sec / 0.000 sec
# 2 03:55:52 SELECT * FROM paciente LIMIT 0, 1000	Message: 0 row(s) returned Duration / Fetch: 0.016 sec / 0.000 sec
# 3 03:59:15 SELECT * FROM log_habitacion LIMIT 0, 1000	Message: 0 row(s) returned Duration / Fetch: 0.000 sec / 0.000 sec
# 4 04:00:19 SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	Message: 1 row(s) returned Duration / Fetch: 0.016 sec / 0.000 sec
# 5 04:04:13 SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	Message: 1 row(s) returned Duration / Fetch: 0.000 sec / 0.000 sec
# 6 04:04:44 SELECT COUNT(*) FROM paciente LIMIT 0, 1000	Message: 1 row(s) returned Duration / Fetch: 0.000 sec / 0.000 sec
# 7 04:05:06 SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	Message: 1 row(s) returned Duration / Fetch: 0.000 sec / 0.000 sec
# 8 04:08:44 SELECT * FROM habitacion LIMIT 0, 1000	Message: 15 row(s) returned Duration / Fetch: 0.000 sec / 0.000 sec
# 9 04:35:27 LOAD DATA INFILE "C:\\\\ProgramData\\\\MySQL\\\\MySQL Server 8.0\\\\Uploads\\\\EntradaPrac1\\\\Pacientes.csv" INTO TABLE paciente CHARACTER ... 154184 row(s) affected Records: 154184 Deleted: 0 Skipped: 0 Warnings: 0	Duration / Fetch: 1.672 sec

- **SELECT * FROM cada tabla**

- SELECT FROM habitacion;

1. **SELECT * FROM habitacion;**
 2. **SELECT * FROM log_actividad;**



```

1. SELECT * FROM habitacion;
2. SELECT * FROM log_actividad;

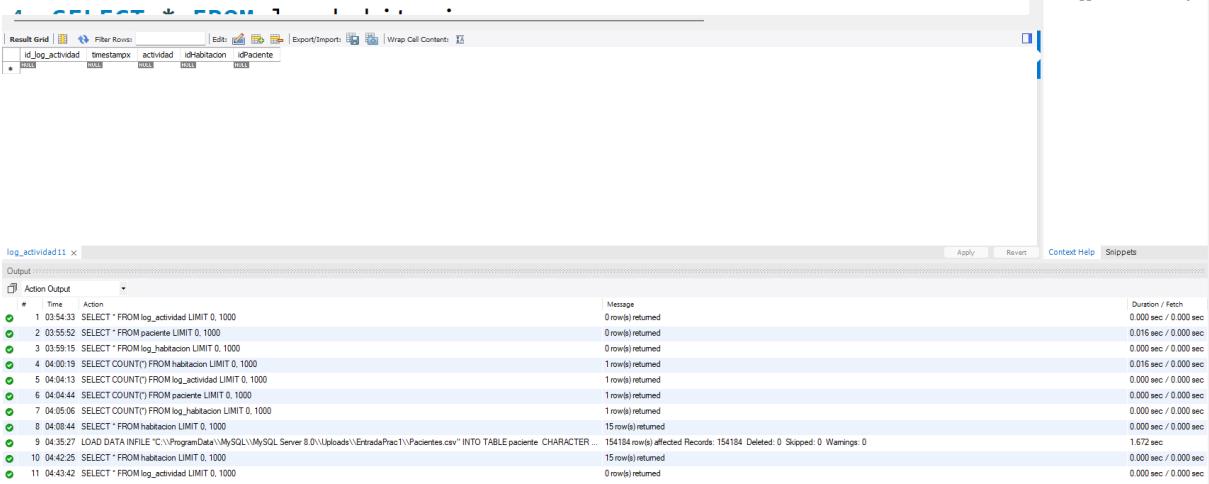
Result Grid | Filter Rows: | Edit | Export/Import: | Wrap Cell Content: | 
habitacion | idhabitacion | habitacion |
1 | Sala de exámenes 1
2 | Sala de exámenes 2
3 | Sala de exámenes 3
4 | Sala de exámenes 4
5 | Sala de impresión 1
6 | Sala de procedimientos 1
7 | Sala de procedimientos 2
8 | Sala de procedimientos 3
9 | Sala de procedimientos 4
10 | Recibidor
11 | Laboratorio
12 | Estación de revisión 1
13 | Estación de revisión 2
14 | Estación de revisión 3
15 | Estación de revisión 4
minimo | maximo | habitacion_10 | 

Output | Action Output | 
# | Time | Action | Message | Duration / Fetch |
1 | 03:54:33 | SELECT * FROM log_actividad LIMIT 0, 1000 | 0 row(s) returned | 0.000 sec / 0.000 sec |
2 | 03:55:52 | SELECT * FROM paciente LIMIT 0, 1000 | 0 row(s) returned | 0.016 sec / 0.000 sec |
3 | 03:59:15 | SELECT * FROM log_habitacion LIMIT 0, 1000 | 0 row(s) returned | 0.000 sec / 0.000 sec |
4 | 04:00:19 | SELECT COUNT(*) FROM habitacion LIMIT 0, 1000 | 1 row(s) returned | 0.016 sec / 0.000 sec |
5 | 04:04:13 | SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000 | 1 row(s) returned | 0.000 sec / 0.000 sec |
6 | 04:04:44 | SELECT COUNT(*) FROM paciente LIMIT 0, 1000 | 1 row(s) returned | 0.000 sec / 0.000 sec |
7 | 04:05:06 | SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000 | 1 row(s) returned | 0.000 sec / 0.000 sec |
8 | 04:08:44 | SELECT * FROM habitacion LIMIT 0, 1000 | 15 row(s) returned | 0.000 sec / 0.000 sec |
9 | 04:35:27 | LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\Pacientes.csv" INTO TABLE paciente CHARACTER SET latin1 | 154184 row(s) affected. Records: 154184 Deleted: 0 Skipped: 0 Warnings: 0 | 1.672 sec |
10 | 04:42:25 | SELECT * FROM habitacion LIMIT 0, 1000 | 15 row(s) returned | 0.000 sec / 0.000 sec |
11 | 04:43:42 | SELECT * FROM log_actividad LIMIT 0, 1000 | 0 row(s) returned | 0.000 sec / 0.000 sec |
  
```



- SELECT * FROM log_actividad;

2. **Execute the selected portion of the script or everything, if there is no selection.**
 3. **SELECT * FROM paciente;**



```

2. Execute the selected portion of the script or everything, if there is no selection.
3. SELECT * FROM paciente;

Result Grid | Filter Rows: | Edit | Export/Import: | Wrap Cell Content: | 
log_actividad11 | id_log_actividad | timestampx | actividad | idhabitacion | idPaciente | 
NULL | NULL | NULL | NULL | NULL | NULL | 

Output | Action Output | 
# | Time | Action | Message | Duration / Fetch |
1 | 03:54:33 | SELECT * FROM log_actividad LIMIT 0, 1000 | 0 row(s) returned | 0.000 sec / 0.000 sec |
2 | 03:55:52 | SELECT * FROM paciente LIMIT 0, 1000 | 0 row(s) returned | 0.016 sec / 0.000 sec |
3 | 03:59:15 | SELECT * FROM log_habitacion LIMIT 0, 1000 | 0 row(s) returned | 0.000 sec / 0.000 sec |
4 | 04:00:19 | SELECT COUNT(*) FROM habitacion LIMIT 0, 1000 | 1 row(s) returned | 0.016 sec / 0.000 sec |
5 | 04:04:13 | SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000 | 1 row(s) returned | 0.000 sec / 0.000 sec |
6 | 04:04:44 | SELECT COUNT(*) FROM paciente LIMIT 0, 1000 | 1 row(s) returned | 0.000 sec / 0.000 sec |
7 | 04:05:06 | SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000 | 1 row(s) returned | 0.000 sec / 0.000 sec |
8 | 04:08:44 | SELECT * FROM habitacion LIMIT 0, 1000 | 15 row(s) returned | 0.000 sec / 0.000 sec |
9 | 04:35:27 | LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\Pacientes.csv" INTO TABLE paciente CHARACTER SET latin1 | 154184 row(s) affected. Records: 154184 Deleted: 0 Skipped: 0 Warnings: 0 | 1.672 sec |
10 | 04:42:25 | SELECT * FROM habitacion LIMIT 0, 1000 | 15 row(s) returned | 0.000 sec / 0.000 sec |
11 | 04:43:42 | SELECT * FROM log_actividad LIMIT 0, 1000 | 0 row(s) returned | 0.000 sec / 0.000 sec |
  
```



- o `SELECT * FROM paciente;`

3. `SELECT * FROM paciente;`
 4. `SELECT * FROM log_habitacion;`

idpaciente	edad	genero
100000	55	Otro
100001	40	Femenino
100002	42	Masculino
100003	8	Femenino
100004	88	Masculino
100005	23	Masculino
100006	60	Femenino
100007	49	Femenino
100008	44	Femenino
100009	55	Femenino
100010	28	Femenino
100011	13	Femenino
100012	62	Masculino
100013	32	Masculino
100014	11	Masculino

Action Output

#	Time	Action	Message	Duration / Fetch
1	03:54:33	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
2	03:55:52	SELECT * FROM paciente LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
3	03:59:15	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
4	04:00:19	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
5	04:04:13	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
6	04:04:44	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
7	04:05:06	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
8	04:08:44	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
9	04:35:27	LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\Pacientes.csv" INTO TABLE paciente CHARACTER ...	154184 row(s) affected Records: 154184 Deleted: 0 Skipped: 0 Warnings: 0	1.672 sec
10	04:42:25	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
11	04:43:42	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	04:44:09	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec

- o `SELECT * FROM log_habitacion;`

4. `SELECT * FROM log_habitacion;`
 5. `SELECT COUNT(*) FROM habitacion;`

timestamp	status	habitacion

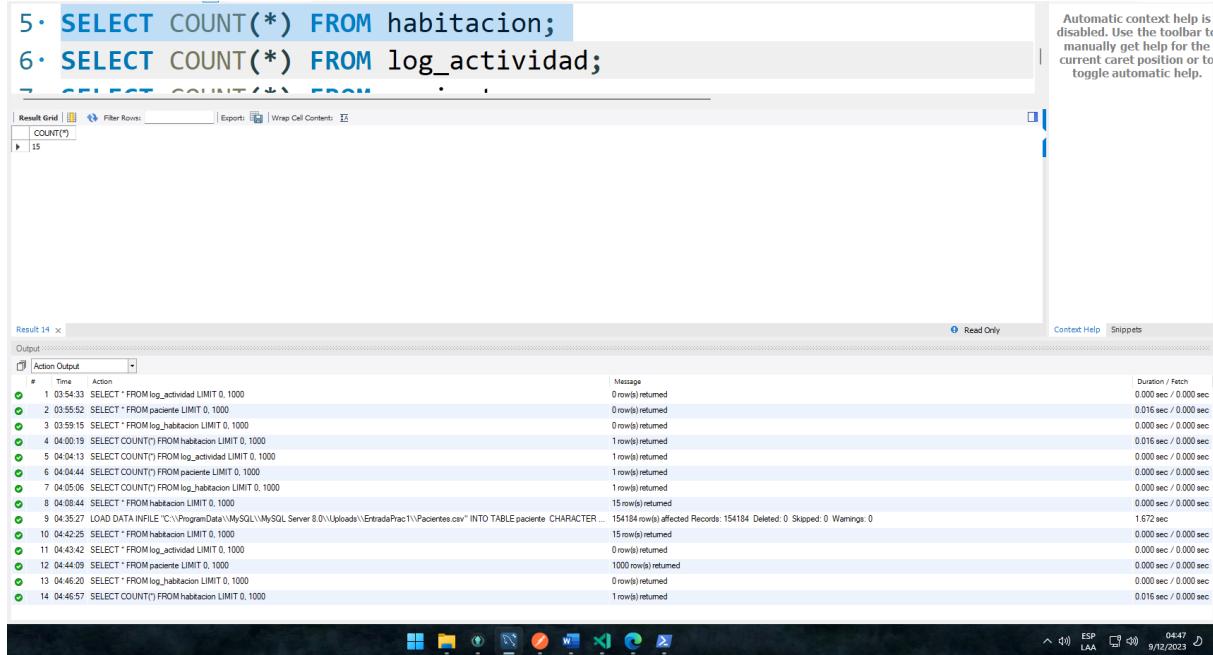
Action Output

#	Time	Action	Message	Duration / Fetch
1	03:54:33	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
2	03:55:32	SELECT * FROM paciente LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
3	03:59:15	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
4	04:00:19	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
5	04:04:13	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
6	04:04:44	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
7	04:05:06	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
8	04:08:44	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
9	04:35:27	LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\Pacientes.csv" INTO TABLE paciente CHARACTER ...	154184 row(s) affected Records: 154184 Deleted: 0 Skipped: 0 Warnings: 0	1.672 sec
10	04:42:25	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
11	04:43:42	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	04:44:09	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
13	04:46:20	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

- **SELECT COUNT(*) FROM cada tabla**

- SELECT COUNT(*) FROM habitacion;

5· **SELECT COUNT(*) FROM habitacion;**
6· **SELECT COUNT(*) FROM log_actividad;**
7· **SELECT COUNT(*) FROM paciente;**



Result 14 ×

Output

Action Output	#	Time	Action	Message	Duration / Fetch
1	1	03:54:33	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
2	2	03:55:52	SELECT * FROM paciente LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
3	3	03:59:15	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
4	4	04:00:19	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
5	5	04:04:13	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
6	6	04:04:44	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
7	7	04:05:06	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
8	8	04:08:44	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
9	9	04:35:27	LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradasPrac1\Pacientes.csv" INTO TABLE paciente CHARACTER _	154184 row(s) affected Records: 154184 Deleted: 0 Skipped: 0 Warnings: 0	1.672 sec
10	10	04:42:25	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
11	11	04:43:42	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	12	04:44:09	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
13	13	04:46:20	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
14	14	04:46:57	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec

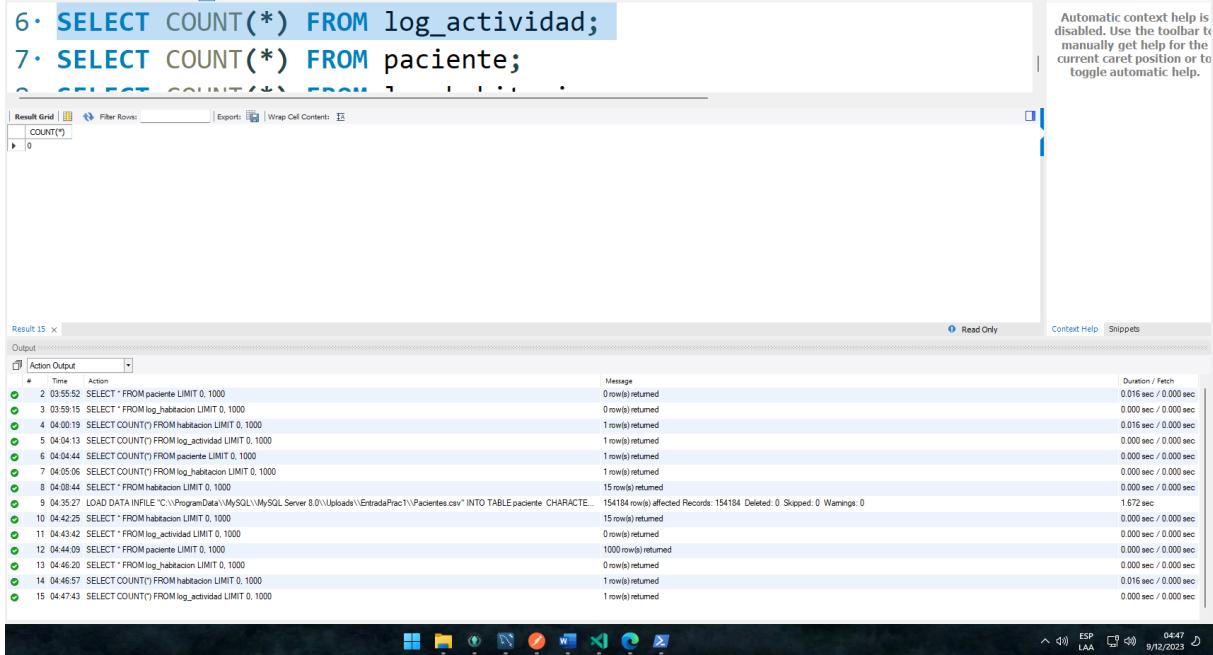
Result 15 ×

Output

Action Output	#	Time	Action	Message	Duration / Fetch
1	1	03:54:33	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
2	2	03:55:52	SELECT * FROM paciente LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
3	3	03:59:15	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
4	4	04:00:19	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
5	5	04:04:13	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
6	6	04:04:44	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
7	7	04:05:06	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
8	8	04:08:44	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
9	9	04:35:27	LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradasPrac1\Pacientes.csv" INTO TABLE paciente CHARACTER _	154184 row(s) affected Records: 154184 Deleted: 0 Skipped: 0 Warnings: 0	1.672 sec
10	10	04:42:25	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
11	11	04:43:42	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	12	04:44:09	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
13	13	04:46:20	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
14	14	04:46:57	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
15	15	04:47:43	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

- SELECT COUNT(*) FROM log_actividad;

6· **SELECT COUNT(*) FROM log_actividad;**
7· **SELECT COUNT(*) FROM paciente;**
7· **SELECT COUNT(*) FROM habitacion;**



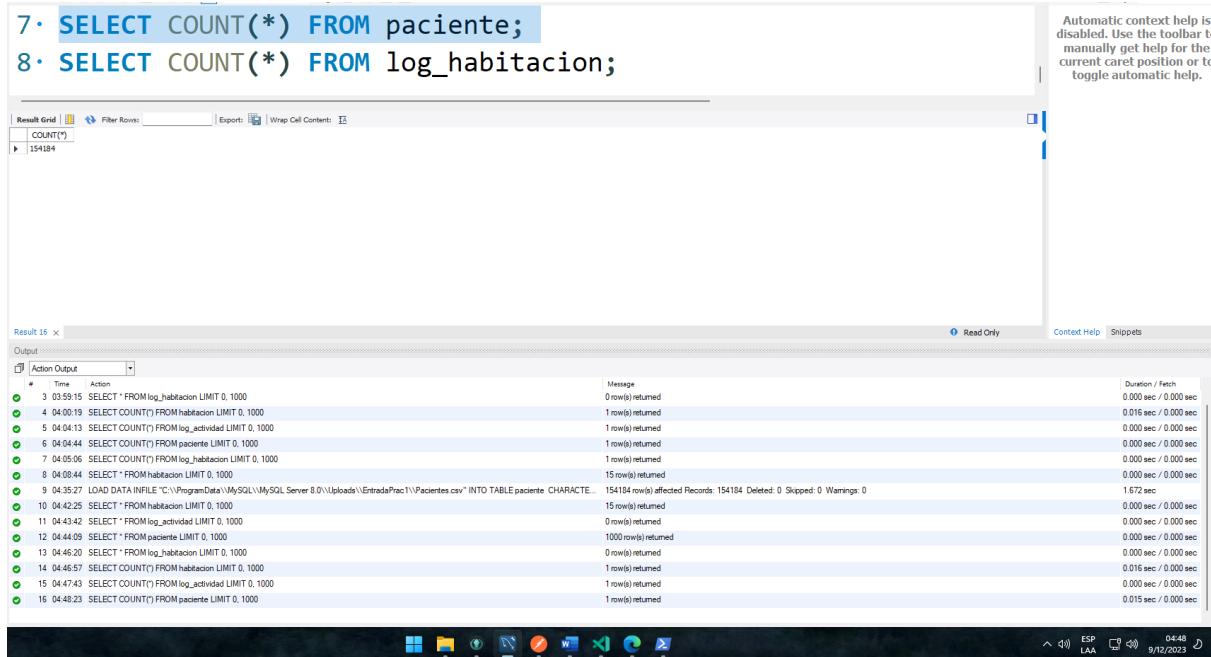
Result 15 ×

Output

Action Output	#	Time	Action	Message	Duration / Fetch
1	1	03:55:52	SELECT * FROM paciente LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
2	2	03:59:15	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
3	3	04:00:19	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
4	4	04:04:13	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
5	5	04:04:44	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
6	6	04:05:06	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
7	7	04:08:44	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
8	8	04:35:27	LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradasPrac1\Pacientes.csv" INTO TABLE paciente CHARACTER _	154184 row(s) affected Records: 154184 Deleted: 0 Skipped: 0 Warnings: 0	1.672 sec
9	9	04:42:25	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
10	10	04:43:42	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
11	11	04:44:09	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
12	12	04:46:20	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
13	13	04:46:57	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
14	14	04:47:43	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

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

7· `SELECT COUNT(*) FROM paciente;`
 8· `SELECT COUNT(*) FROM log_habitacion;`



Result 16 x

Action Output

#	Time	Action	Message	Duration / Fetch
3	03:59:15	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
4	04:00:19	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
5	04:04:13	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
6	04:04:44	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
7	04:05:06	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
8	04:08:44	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
9	04:35:27	LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\Pacientes.csv" INTO TABLE paciente CHARACTER SET latin1	154184 row(s) affected Records: 154184 Deleted: 0 Skipped: 0 Warnings: 0	1.672 sec
10	04:42:25	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
11	04:43:42	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	04:44:09	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
13	04:46:20	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
14	04:46:57	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
15	04:47:43	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
16	04:48:23	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec

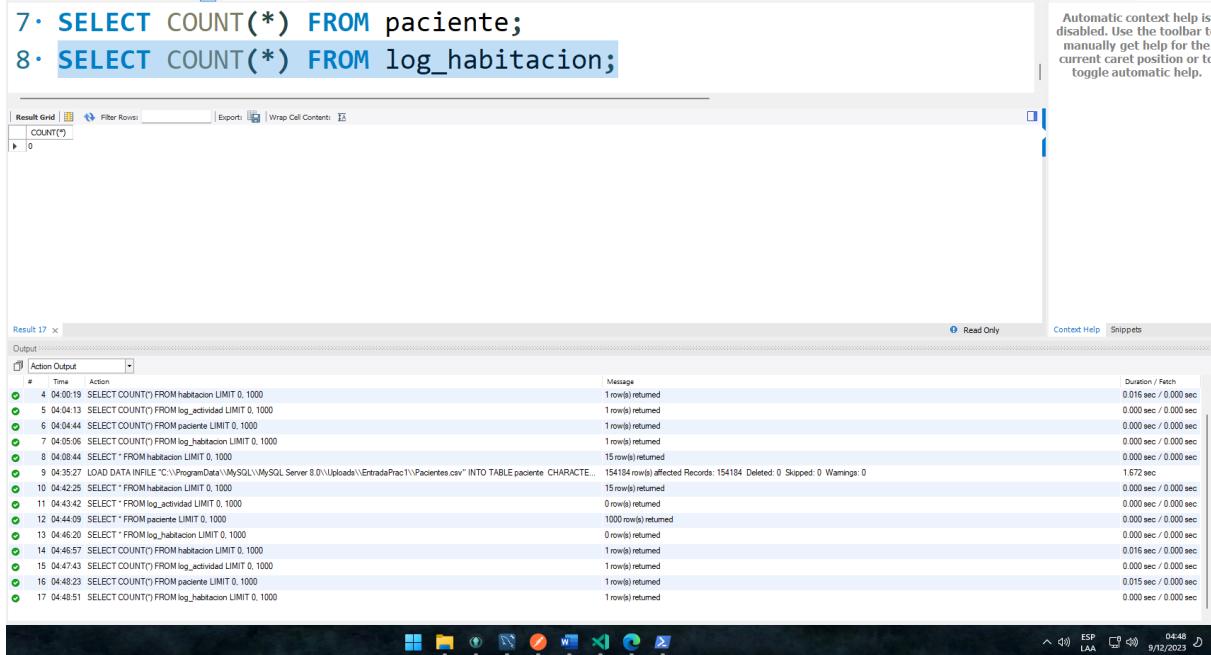
Result 17 x

Action Output

#	Time	Action	Message	Duration / Fetch
4	04:00:19	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
5	04:04:13	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
6	04:04:44	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
7	04:05:06	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
8	04:08:44	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
9	04:35:27	LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\Pacientes.csv" INTO TABLE paciente CHARACTER SET latin1	154184 row(s) affected Records: 154184 Deleted: 0 Skipped: 0 Warnings: 0	1.672 sec
10	04:42:25	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
11	04:43:42	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	04:44:09	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
13	04:46:20	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
14	04:46:57	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
15	04:47:43	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
16	04:48:23	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
17	04:49:51	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

- o `SELECT COUNT(*) FROM log_habitacion;`

7· `SELECT COUNT(*) FROM paciente;`
 8· `SELECT COUNT(*) FROM log_habitacion;`

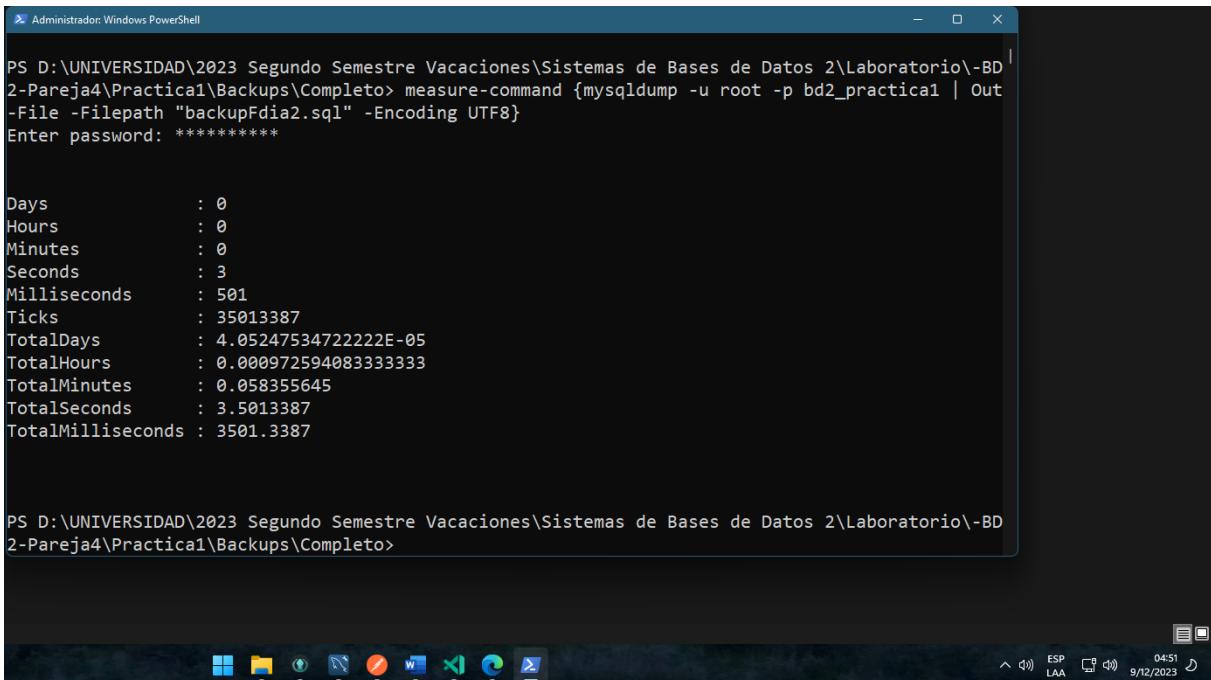


Result 17 x

Action Output

#	Time	Action	Message	Duration / Fetch
4	04:00:19	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
5	04:04:13	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
6	04:04:44	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
7	04:05:06	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
8	04:08:44	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
9	04:35:27	LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\Pacientes.csv" INTO TABLE paciente CHARACTER SET latin1	154184 row(s) affected Records: 154184 Deleted: 0 Skipped: 0 Warnings: 0	1.672 sec
10	04:42:25	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
11	04:43:42	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	04:44:09	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
13	04:46:20	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
14	04:46:57	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
15	04:47:43	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
16	04:48:23	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
17	04:49:51	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

- Creación de backup completo

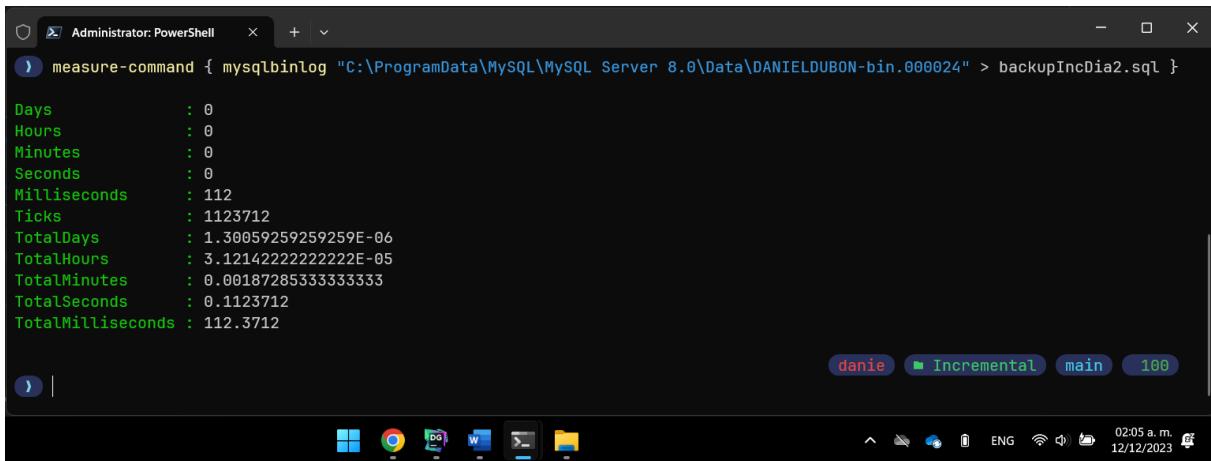


```
Administrator: Windows PowerShell
PS D:\UNIVERSIDAD\2023 Segundo Semestre Vacaciones\Sistemas de Bases de Datos 2\Laboratorio\BD2-Pareja4\Practical1\Backups\Completo> measure-command {mysqldump -u root -p bd2_practical1 | Out-File -filepath "backupFdia2.sql" -Encoding UTF8}
Enter password: *****

Days : 0
Hours : 0
Minutes : 0
Seconds : 3
Milliseconds : 501
Ticks : 35013387
TotalDays : 4.05247534722222E-05
TotalHours : 0.000972594083333333
TotalMinutes : 0.058355645
TotalSeconds : 3.5013387
TotalMilliseconds : 3501.3387

PS D:\UNIVERSIDAD\2023 Segundo Semestre Vacaciones\Sistemas de Bases de Datos 2\Laboratorio\BD2-Pareja4\Practical1\Backups\Completo>
```

- Creación de backup incremental



```
Administrator: PowerShell
measure-command { mysqlbinlog "C:\ProgramData\MySQL\MySQL Server 8.0\Data\ DANIELDUBON-bin.000024" > backupIncDia2.sql }

Days : 0
Hours : 0
Minutes : 0
Seconds : 0
Milliseconds : 112
Ticks : 1123712
TotalDays : 1.30059259259259E-06
TotalHours : 3.12142222222222E-05
TotalMinutes : 0.001872853333333333
TotalSeconds : 0.1123712
TotalMilliseconds : 112.3712
```

Día 3:

- Carga de datos

The screenshot shows the MySQL Workbench interface. In the top-left pane, a SQL script is displayed:

```
1 • LOAD DATA INFILE "C:\\\\ProgramData\\\\MySQL\\\\MySQL Server 8.0\\\\Uploads\\\\EntradaPrac1\\\\LogActividades1.csv"
2 INTO TABLE log_actividad
3 CHARACTER SET 'latin1'
4 FIELDS TERMINATED BY ';'
5 LINES TERMINATED BY '\\n'
6 IGNORE 1 ROWS
7 (timestampx,actividad,idHabitacion,idPaciente)
```

In the top-right pane, there is a message about context help:

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

The bottom section shows the 'Output' tab with the execution log:

Action	Time	Action	Message	Duration / Fetch
5	04:04:13	SELECT COUNT() FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
6	04:04:44	SELECT COUNT() FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
7	04:05:06	SELECT COUNT() FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
8	04:05:44	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
9	04:35:27	LOAD DATA INFILE "C:\\\\ProgramData\\\\MySQL\\\\MySQL Server 8.0\\\\Uploads\\\\EntradaPrac1\\\\Pacientes.csv" INTO TABLE paciente CHARACTER SET latin1	154184 row(s) affected Records: 154184 Deleted: 0 Skipped: 0 Warnings: 0	1.672 sec
10	04:42:25	SELECT * FROM habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
11	04:43:42	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	04:44:09	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
13	04:45:20	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
14	04:45:57	SELECT COUNT() FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
15	04:47:43	SELECT COUNT() FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
16	04:48:23	SELECT COUNT() FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
17	04:48:51	SELECT COUNT() FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
18	04:55:31	LOAD DATA INFILE "C:\\\\ProgramData\\\\MySQL\\\\MySQL Server 8.0\\\\Uploads\\\\EntradaPrac1\\\\LogActividades1.csv" INTO TABLE log_actividad CHARACTER SET latin1	33841 row(s) affected Records: 33841 Deleted: 0 Skipped: 0 Warnings: 0	0.859 sec

The status bar at the bottom right shows: ESP LAA 04:55 9/12/2023.

- SELECT * FROM cada tabla

- SELECT * FROM habitacion;

The screenshot shows the MySQL Workbench interface. In the top-left pane, a SQL query is displayed:

```
1 • Execute the selected portion of the script or everything, if there is no selection
2 • SELECT * FROM habitacion;
```

In the top-right pane, there is a message about context help:

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

The bottom section shows the 'Output' tab with the execution log:

Action	Time	Action	Message	Duration / Fetch
6	04:04:44	SELECT COUNT() FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
7	04:05:06	SELECT COUNT() FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
8	04:08:44	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
9	04:35:27	LOAD DATA INFILE "C:\\\\ProgramData\\\\MySQL\\\\MySQL Server 8.0\\\\Uploads\\\\EntradaPrac1\\\\Pacientes.csv" INTO TABLE paciente CHARACTER SET latin1	154184 row(s) affected Records: 154184 Deleted: 0 Skipped: 0 Warnings: 0	1.672 sec
10	04:42:25	SELECT * FROM habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
11	04:43:42	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	04:44:09	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
13	04:46:20	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
14	04:46:57	SELECT COUNT() FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
15	04:47:43	SELECT COUNT() FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
16	04:48:23	SELECT COUNT() FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
17	04:48:51	SELECT COUNT() FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
18	04:55:31	LOAD DATA INFILE "C:\\\\ProgramData\\\\MySQL\\\\MySQL Server 8.0\\\\Uploads\\\\EntradaPrac1\\\\LogActividades1.csv" INTO TABLE log_actividad CHARACTER SET latin1	33841 row(s) affected Records: 33841 Deleted: 0 Skipped: 0 Warnings: 0	0.859 sec
19	04:57:16	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec

The status bar at the bottom right shows: ESP LAA 04:57 9/12/2023.

o `SELECT * FROM log_actividad;`

2 · `SELECT * FROM log_actividad;`
 3 · `SELECT * FROM paciente;`

id_log_actividad	timestamp	actividad	idHabitacion	idPaciente
1	5/31/2021 7:12:14 AM	Paciente ingresa el registro.	10	134247
2	5/31/2021 7:13:16 AM	Paciente recibe papelera en recepción.	10	134247
3	5/31/2021 7:15:54 AM	Paciente entrega papelera.	10	134247
4	5/31/2021 7:16:33 AM	Recepcionista establece la condición del paciente...	10	134247
5	5/31/2021 7:17:47 AM	Enfermera comienza la revisión del paciente.	10	134247
6	5/31/2021 7:18:03 AM	Médico nota con el paciente es tipo 2 y ...	10	134247
7	5/31/2021 7:20:34 AM	Médico nota con el tratamiento del paciente.	10	134247
8	5/31/2021 7:21:59 AM	Paciente ingresa el registro.	10	135641
9	5/31/2021 7:23:01 AM	Paciente recibe papelera en recepción.	10	135641
10	5/31/2021 7:23:59 AM	Paciente ingresa el registro.	10	180487
11	5/31/2021 7:25:41 AM	Paciente entrega papelera.	12	135641
12	5/31/2021 7:26:18 AM	Recepcionista establece la condición del paciente...	12	135641
13	5/31/2021 7:26:43 AM	Paciente recibe papelera en recepción.	5	180487
14	5/31/2021 7:29:12 AM	Enfermera comienza la revisión del paciente.	5	135641
15	5/31/2021 7:29:12 AM	Paciente entrega papelera.	7	180487

Action Output

#	Time	Action	Message	Duration / Fetch
10	04:42:25	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
11	04:43:42	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	04:44:09	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
13	04:46:20	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
14	04:46:57	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
15	04:47:43	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
16	04:48:00	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
17	04:48:51	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
18	04:55:31	LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\LogActividades1.csv' INTO TABLE log_actividad C...	33841 row(s) affected Records: 33841 Deleted: 0 Skipped: 0 Warnings: 0	0.859 sec
19	04:57:16	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
20	04:57:51	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
21	04:58:15	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
22	04:58:34	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
23	04:59:26	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
24	04:59:52	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec

o `SELECT * FROM paciente;`

3 · `SELECT * FROM paciente;`
 4 · `SELECT * FROM log_habitacion;`

idPaciente	edad	genero
100000	95	Otro
100001	40	Femenino
100002	42	Masculino
100003	8	Femenino
100004	24	Masculino
100005	23	Masculino
100006	60	Femenino
100007	49	Femenino
100008	44	Femenino
100009	55	Femenino
100010	28	Femenino
100011	18	Femenino
100012	62	Masculino
100013	32	Masculino
100014	11	Masculino

Action Output

#	Time	Action	Message	Duration / Fetch
11	04:43:31	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
12	04:44:15	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
13	04:46:20	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
14	04:46:57	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
15	04:47:43	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
16	04:48:23	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
17	04:48:51	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
18	04:55:31	LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\LogActividades1.csv' INTO TABLE log_actividad C...	33841 row(s) affected Records: 33841 Deleted: 0 Skipped: 0 Warnings: 0	0.859 sec
19	04:57:16	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
20	04:57:51	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
21	04:58:15	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
22	04:58:34	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
23	04:59:26	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
24	04:59:52	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec

- o `SELECT * FROM log_habitacion;`

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

`4· SELECT * FROM log_habitacion;`

`5· SELECT COUNT(*) FROM habitacion;`

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

log_habitacion 24 ×

Output: Action Output

#	Time	Action	Message	Duration / Fetch
12	04:44:09	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
13	04:46:20	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
14	04:46:57	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
15	04:47:43	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
16	04:48:23	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
17	04:48:51	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
18	04:55:31	LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPract\LogActividades1.csv' INTO TABLE log_actividad COLUMNS terminated by ',' ignore 1 lines;	33841 row(s) affected Records: 33841 Deleted: 0 Skipped: 0 Warnings: 0	0.859 sec
19	04:57:16	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
20	04:57:51	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
21	04:58:15	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
22	04:58:34	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
23	04:59:26	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
24	04:59:52	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
25	05:03:23	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

Apply | Revert | Context Help | Snippets

ESP LAA 05:03 9/12/2023

- `SELECT COUNT(*) FROM cada tabla`

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

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

`5· SELECT COUNT(*) FROM habitacion;`

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

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

Result 25 ×

Output: Action Output

#	Time	Action	Message	Duration / Fetch
13	04:46:20	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
14	04:46:57	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
15	04:47:43	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
16	04:48:23	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
17	04:48:51	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
18	04:55:31	LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPract\LogActividades1.csv' INTO TABLE log_actividad COLUMNS terminated by ',' ignore 1 lines;	33841 row(s) affected Records: 33841 Deleted: 0 Skipped: 0 Warnings: 0	0.859 sec
19	04:57:16	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
20	04:57:51	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
21	04:58:15	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
22	04:58:34	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
23	04:59:26	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
24	04:59:52	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
25	05:03:23	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
26	05:04:08	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Read Only | Context Help | Snippets

ESP LAA 05:04 9/12/2023

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

```
6· SELECT COUNT(*) FROM log_actividad;
7· SELECT COUNT(*) FROM paciente;
8· SELECT COUNT(*) FROM log_habitacion;
```

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Action Output	Time	Action	Message	Duration / Fetch
14 04:46:57		SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
15 04:47:43		SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
16 04:48:23		SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
17 04:48:51		SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
18 04:55:31		LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\LogActividades1.csv" INTO TABLE log_actividad C... 33841 rows affected Records: 33841 Deleted: 0 Skipped: 0 Warnings: 0	0.859 sec	
19 04:57:16		SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
20 04:57:51		SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
21 04:58:15		SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
22 04:58:34		SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
23 04:59:26		SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
24 04:59:52		SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
25 05:03:23		SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
26 05:04:08		SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
27 05:04:39		SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

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

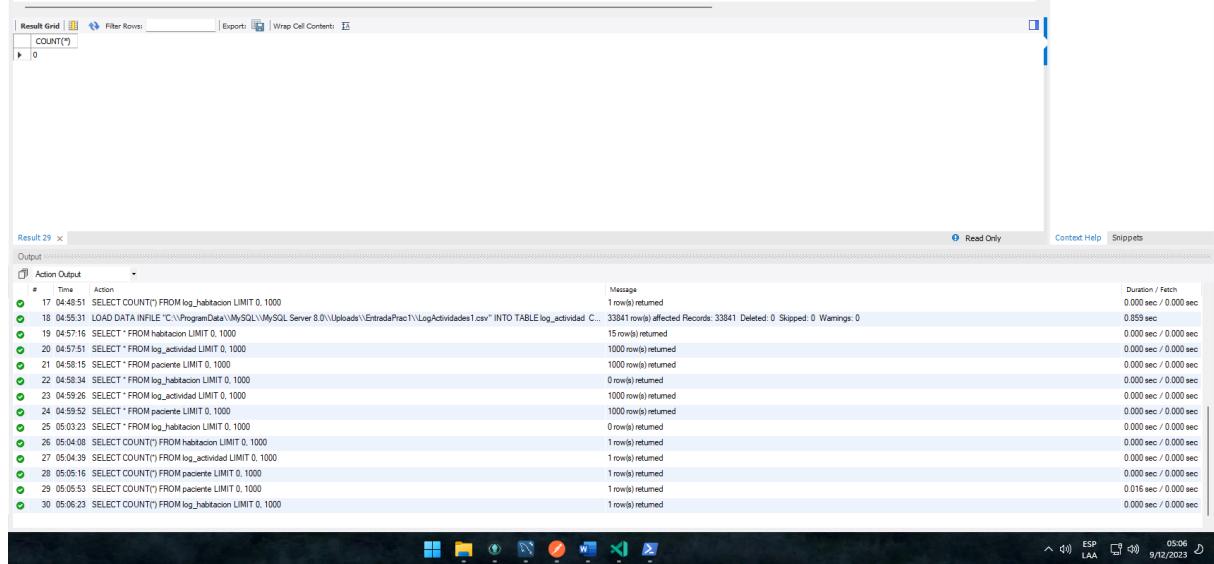
```
7· SELECT COUNT(*) FROM paciente;
8· SELECT COUNT(*) FROM log_habitacion;
```

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Action Output	Time	Action	Message	Duration / Fetch
16 04:48:23		SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
17 04:48:51		SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
18 04:55:31		LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\LogActividades1.csv" INTO TABLE log_actividad C... 33841 rows affected Records: 33841 Deleted: 0 Skipped: 0 Warnings: 0	0.859 sec	
19 04:57:16		SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
20 04:57:51		SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
21 04:58:15		SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
22 04:58:34		SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
23 04:59:26		SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
24 04:59:52		SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
25 05:03:23		SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
26 05:04:08		SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
27 05:04:39		SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
28 05:05:16		SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
29 05:05:53		SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec

- o `SELECT COUNT(*) FROM log_habitacion;`

7. `SELECT COUNT(*) FROM paciente;`
 8. `SELECT COUNT(*) FROM log_habitacion;`



Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
COUNT(*)	0		

Result 29 ×

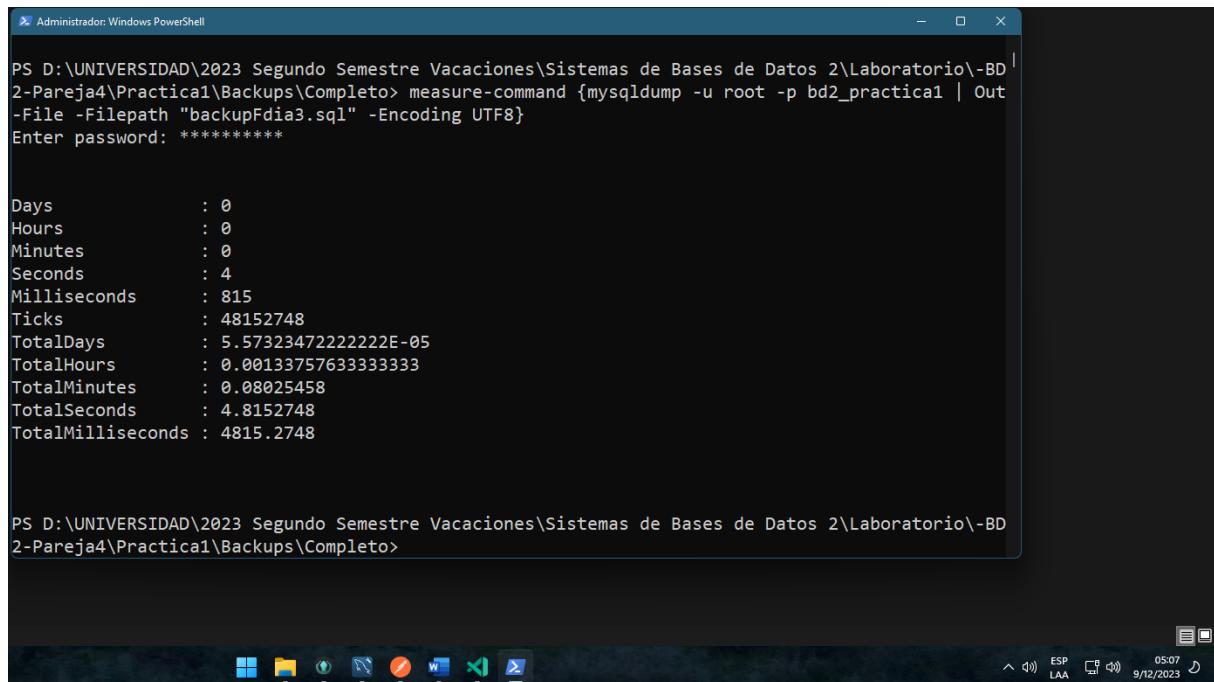
Action Output

Time	Action	Message	Duration / Fetch
17 04:48:51	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
18 04:55:31	LOAD DATA INFILE "C:\\ProgramData\\MySQL\\MySQL Server 8.0\\Uploads\\EntradaPract1\\LogActividades1.csv" INTO TABLE log_actividad C...	33841 row(s) affected Records: 33841 Deleted: 0 Skipped: 0 Warnings: 0	0.859 sec
19 04:57:16	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
20 04:57:51	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
21 04:58:15	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
22 04:58:34	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
23 04:59:01	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
24 04:59:52	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
25 05:03:23	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
26 05:04:08	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
27 05:04:39	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
28 05:05:16	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
29 05:05:53	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
30 05:06:23	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Read Only Context Help Snippets

ESP LAA 05:06 9/12/2023

- Creación de backup completo



```
PS D:\UNIVERSIDAD\2023 Segundo Semestre Vacaciones\Sistemas de Bases de Datos 2\Laboratorio\BD 2-Pareja4\Practical1\Backups\Completo> measure-command {mysqldump -u root -p bd2_practica1 | Out-File -filepath "backupFdia3.sql" -Encoding UTF8}
Enter password: *****

Days : 0
Hours : 0
Minutes : 0
Seconds : 4
Milliseconds : 815
Ticks : 48152748
TotalDays : 5.57323472222222E-05
TotalHours : 0.0013375763333333
TotalMinutes : 0.08025458
TotalSeconds : 4.8152748
TotalMilliseconds : 4815.2748

PS D:\UNIVERSIDAD\2023 Segundo Semestre Vacaciones\Sistemas de Bases de Datos 2\Laboratorio\BD 2-Pareja4\Practical1\Backups\Completo>
```

ESP LAA 05:07 9/12/2023

- Creación de backup incremental

```

Administrator: PowerShell
measure-command { mysqlbinlog "C:\ProgramData\MySQL\MySQL Server 8.0\Data\ DANIELDUBON-bin.000025" > backupIncDia3.sql }

Days : 0
Hours : 0
Minutes : 0
Seconds : 0
Milliseconds : 102
Ticks : 1028936
TotalDays : 1.19089814814815E-06
TotalHours : 2.85815555555556E-05
TotalMinutes : 0.001714893333333333
TotalSeconds : 0.1028936
TotalMilliseconds : 102.8936

```

Día 4:

- Carga de datos

```

1 • LOAD DATA INFILE "C:\\\\ProgramData\\\\MySQL\\\\MySQL Server 8.0\\\\Uploads\\\\EntradaPrac1\\\\LogActividades2.csv"
2 INTO TABLE log_actividad
3 CHARACTER SET 'latin1'
4 FIELDS TERMINATED BY ';'
5 LINES TERMINATED BY '\\n'
6 IGNORE 1 ROWS
7 (timestampx, actividad, idHabitacion, idPaciente)

```

Action	Time	Message	Duration / Fetch
18	04:55:31	LOAD DATA INFILE "C:\\\\ProgramData\\\\MySQL\\\\MySQL Server 8.0\\\\Uploads\\\\EntradaPrac1\\\\LogActividades1.csv" INTO TABLE log_actividad. C... 33841 row(s) affected Records: 33841 Deleted: 0 Skipped: 0 Warnings: 0	0.859 sec
19	04:57:16	15 row(s) returned	0.000 sec / 0.000 sec
20	04:57:51	1000 row(s) returned	0.000 sec / 0.000 sec
21	04:58:15	0 row(s) returned	0.000 sec / 0.000 sec
22	04:58:34	1000 row(s) returned	0.000 sec / 0.000 sec
23	04:59:20	1000 row(s) returned	0.000 sec / 0.000 sec
24	04:59:52	1000 row(s) returned	0.000 sec / 0.000 sec
25	05:03:29	0 row(s) returned	0.000 sec / 0.000 sec
26	05:04:00	1 row(s) returned	0.000 sec / 0.000 sec
27	05:04:39	1 row(s) returned	0.000 sec / 0.000 sec
28	05:05:16	1 row(s) returned	0.000 sec / 0.000 sec
29	05:05:53	1 row(s) returned	0.016 sec / 0.000 sec
30	05:06:23	1 row(s) returned	0.000 sec / 0.000 sec
31	05:11:00	LOAD DATA INFILE "C:\\\\ProgramData\\\\MySQL\\\\MySQL Server 8.0\\\\Uploads\\\\EntradaPrac1\\\\LogActividades2.csv" INTO TABLE log_actividad. C... 33843 row(s) affected Records: 33843 Deleted: 0 Skipped: 0 Warnings: 0	0.766 sec

- **SELECT * FROM cada tabla**

- o SELECT * FROM habitacion;

1. **SELECT * FROM habitacion;**
2. **SELECT * FROM log_actividad;**
3. **SELECT * FROM paciente;**
4. **SELECT * FROM log_habitacion;**

The screenshot shows the MySQL Workbench interface. The top navigation bar includes 'Result Grid', 'Filter Rows...', 'Edit', 'File', 'Export/Import', and 'Wrap Cell Content'. The main area displays a results grid for a query named 'habitacion'. The grid has two columns: 'idHabitacion' and 'habitacion'. The data includes rows from 1 to 11, with additional rows 12 through 30 listed as '...'. The bottom section, titled 'Output', contains an 'Action Output' tab showing a timeline of database operations from 19 to 32. Each entry includes a timestamp, a query, its duration, and the number of rows affected or returned.

Action	Time	Query	Duration / Fetch
19	04:57:16	SELECT * FROM habitacion LIMIT 0, 1000	0.000 sec / 0.000 sec
20	04:57:51	SELECT * FROM log_actividad LIMIT 0, 1000	15 rows(s) returned
21	04:58:15	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned
22	04:58:34	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned
23	04:59:26	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned
24	04:59:52	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned
25	05:03:22	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned
26	05:04:08	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned
27	05:04:39	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned
28	05:05:16	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned
29	05:05:53	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned
30	05:06:23	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned
31	05:11:00	LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\LogActividades2.csv' INTO TABLE log_actividad C...	33843 row(s) affected Records: 33843 Deleted: 0 Skipped: 0 Warnings: 0
32	05:12:32	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned

- SELECT * FROM log_actividad;

1. **SELECT * FROM habitacion;**
2. **SELECT * FROM log_actividad;**
3. **SELECT * FROM paciente;**
4. **SELECT * FROM log_habitacion;**

```
Result Grid | Filter Rows | Edit | Undo | Redo | Export/Import | Help | Wrap Cell Content | Fetch rows | 
id_log_actividad timestamp actividad habitacion_id paciente_id
1 5/3/2021 7:12:14 AM Paciente inicia el registro. 10 134247
2 5/3/2021 7:12:16 AM Paciente recibe papeleria en recepcion. 10 134247
3 5/3/2021 7:15:54 AM Paciente entrega papeleria. 10 134247
4 5/3/2021 7:16:33 AM Recepcionista establece la condicion del paciente. 10 134247
5 5/3/2021 7:17:47 AM Enfermera comienza la revision del paciente. 10 134247
6 5/3/2021 7:19:33 AM Revision determino que el paciente es tipo 2 y ... 10 134247
7 5/3/2021 7:20:01 AM Paciente ingresa al examen del paciente. 10 134247
8 5/3/2021 7:21:59 AM Paciente inicia el registro. 10 135641
9 5/3/2021 7:23:01 AM Paciente recibe papeleria en recepcion. 10 135641
10 5/3/2021 7:25:39 AM Paciente inicia el registro. 10 180487
11 5/3/2021 7:25:44 AM Paciente entrega papeleria. 12 135641

log_actividad31 x Apply | Revert | Context Help | Snippets

Output
Action Output
# Time Action Message Duration / Error
0 20:04:57.51 SELECT * FROM log_actividad LIMIT 0, 1000 1000 row(s) returned 0.000 sec / 0.000 sec
1 21:04:58.15 SELECT * FROM paciente LIMIT 0, 1000 1000 row(s) returned 0.000 sec / 0.000 sec
2 22:04:58.34 SELECT * FROM log_habitacion LIMIT 0, 1000 0 row(s) returned 0.000 sec / 0.000 sec
3 23:04:59.26 SELECT * FROM log_actividad LIMIT 0, 1000 1000 row(s) returned 0.000 sec / 0.000 sec
4 24:04:59.52 SELECT * FROM paciente LIMIT 0, 1000 1000 row(s) returned 0.000 sec / 0.000 sec
5 25:05:23.33 SELECT * FROM log_habitacion LIMIT 0, 1000 0 row(s) returned 0.000 sec / 0.000 sec
6 26:05:04:08 SELECT COUNT(*) FROM habitacion LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
7 27:05:04:39 SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
8 28:05:05:16 SELECT COUNT(*) FROM paciente LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
9 29:05:05:53 SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000 1 row(s) returned 0.016 sec / 0.000 sec
10 30:05:06:23 SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
11 31:05:11:00 LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\LogActividades2.csv" INTO TABLE log_actividad C 33843 row(s) affected; Records: 33843 Deleted: 0 Skipped: 0 Warnings: 0 0.76 sec
12 32:05:12:32 SELECT * FROM habitacion LIMIT 0, 1000 15 row(s) returned 0.016 sec / 0.000 sec
13 33:05:13:17 SELECT * FROM log_actividad LIMIT 0, 1000 1000 row(s) returned 0.016 sec / 0.000 sec
```

- o `SELECT * FROM paciente;`

```
2. SELECT * FROM log_actividad;
3. SELECT * FROM paciente;
4. SELECT * FROM log_habitacion;
5. SELECT COUNT(*) FROM habitacion.
```

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

idpaciente	edad	genero
100000	95	Otro
100001	40	Femenino
100002	42	Masculino
100003	8	Femenino
100004	88	Masculino
100005	23	Masculino
100006	50	Femenino
100007	49	Femenino
100008	44	Femenino
100009	55	Femenino
100010	28	Femenino

Action Output

Time	Action	Message	Duration / Fetch
21 04:58:15	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
22 04:58:34	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
23 04:59:26	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
24 04:59:52	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
25 05:03:23	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
26 05:04:08	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
27 05:04:39	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
28 05:05:16	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
29 05:05:53	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
30 05:06:23	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
31 05:11:00	LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPract\LogActividades2.csv' INTO TABLE log_actividad C	33843 row(s) affected Records: 33843 Deleted: 0 Skipped: 0 Warnings: 0	0.766 sec
32 05:12:32	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
33 05:13:17	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.016 sec / 0.000 sec
34 05:13:52	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec

- o `SELECT * FROM log_habitacion;`

```
3. SELECT * FROM paciente;
4. SELECT * FROM log_habitacion;
5. SELECT COUNT(*) FROM habitacion;
6. SELECT COUNT(*) FROM log_actividad.
```

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

timestamp	statusx	idhabitacion
NULL	NULL	NULL

Action Output

Time	Action	Message	Duration / Fetch
22 04:58:34	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
23 04:59:26	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
24 04:59:52	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
25 05:03:23	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
26 05:04:08	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
27 05:04:39	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
28 05:05:16	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
29 05:05:53	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
30 05:06:23	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
31 05:11:00	LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPract\LogActividades2.csv' INTO TABLE log_actividad C	33843 row(s) affected Records: 33843 Deleted: 0 Skipped: 0 Warnings: 0	0.766 sec
32 05:12:32	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
33 05:13:17	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.016 sec / 0.000 sec
34 05:13:52	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
35 05:14:38	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

- **SELECT COUNT(*) FROM cada tabla**

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

4. **SELECT * FROM log_habitacion;**
 5. **SELECT COUNT(*) FROM habitacion;**
 6. **SELECT COUNT(*) FROM log_actividad;**
 7. **SELECT COUNT(*) FROM paciente.**

Result Grid | Filter Rows: Export: Wrap Cell Content: □

COUNT(*)
15

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Output

Action Output

#	Time	Action	Message	Duration / Fetch
23	04:59:26	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
24	04:59:52	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
25	05:03:23	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
26	05:04:08	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
27	05:04:39	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
28	05:05:16	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
29	05:05:53	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
30	05:06:23	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
31	05:11:00	LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPract1\LogActividades2.csv' INTO TABLE log_actividad C...	33843 row(s) affected Records: 33843 Deleted: 0 Skipped: 0 Warnings: 0	0.766 sec
32	05:12:32	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
33	05:13:17	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.016 sec / 0.000 sec
34	05:13:52	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
35	05:14:38	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
36	05:15:11	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Read Only Context Help Snippets

ESP LAA 05:15 9/12/2023

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

5. **SELECT COUNT(*) FROM habitacion;**
 6. **SELECT COUNT(*) FROM log_actividad;**
 7. **SELECT COUNT(*) FROM paciente;**
 8. **SELECT COUNT(*) FROM log_habitacion.**

Result Grid | Filter Rows: Export: Wrap Cell Content: □

COUNT(*)
67684

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Output

Action Output

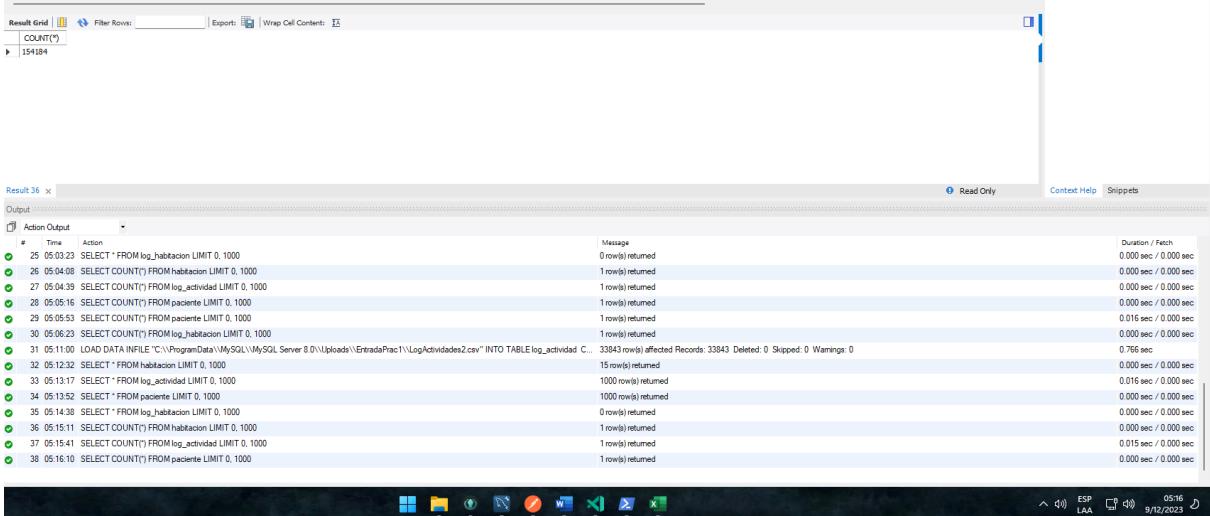
#	Time	Action	Message	Duration / Fetch
24	04:59:52	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
25	05:03:23	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
26	05:04:08	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
27	05:04:39	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
28	05:05:16	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
29	05:05:53	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
30	05:06:23	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
31	05:11:00	LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPract1\LogActividades2.csv' INTO TABLE log_actividad C...	33843 row(s) affected Records: 33843 Deleted: 0 Skipped: 0 Warnings: 0	0.766 sec
32	05:12:32	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
33	05:13:17	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.016 sec / 0.000 sec
34	05:13:52	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
35	05:14:38	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
36	05:15:11	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
37	05:15:41	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec

Read Only Context Help Snippets

ESP LAA 05:15 9/12/2023

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

6. `SELECT COUNT(*) FROM log_actividad;`
 7. `SELECT COUNT(*) FROM paciente;`
 8. `SELECT COUNT(*) FROM log_habitacion;`



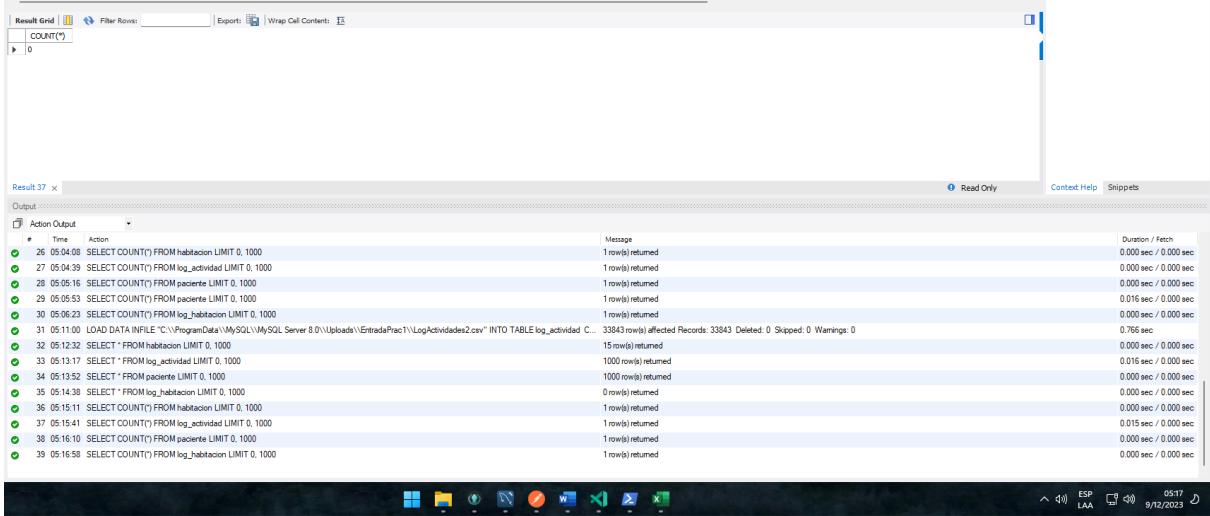
The screenshot shows the MySQL Workbench interface with the following details:

- Result Grid:** Shows the result of the query `COUNT(*)`. The value is 154184.
- Action Output:** Displays the execution history of the three queries. Each entry includes the time, action, message (e.g., "1row(s) returned"), and duration/fetch time.
- Toolbar:** Includes buttons for Result Grid, Filter Rows, Export, Wrap Cell Content, Read Only, Context Help, and Snippets.
- System Tray:** Shows the date and time (05/16 09/12/2023), language (ESP LAA), and connection status.

#	Time	Action	Message	Duration / Fetch
25	05/05/23	<code>SELECT * FROM log_habitacion LIMIT 0, 1000</code>	0 row(s) returned	0.000 sec / 0.000 sec
26	05/04/08	<code>SELECT COUNT(*) FROM habitacion LIMIT 0, 1000</code>	1row(s) returned	0.000 sec / 0.000 sec
27	05/04/39	<code>SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000</code>	1row(s) returned	0.000 sec / 0.000 sec
28	05/05/16	<code>SELECT COUNT(*) FROM paciente LIMIT 0, 1000</code>	1row(s) returned	0.000 sec / 0.000 sec
29	05/05/53	<code>SELECT COUNT(*) FROM paciente LIMIT 0, 1000</code>	1row(s) returned	0.016 sec / 0.000 sec
30	05/06/23	<code>SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000</code>	1row(s) returned	0.000 sec / 0.000 sec
31	05/11/00	<code>LOAD DATA INFILE 'C:\\ProgramData\\MySQL\\MySQL Server 8.0\\Uploads\\EntradaPrac1\\LogActividades2.csv' INTO TABLE log_actividad C...</code>	33843 rows(s) affected Records: 33843 Deleted: 0 Skipped: 0 Warnings: 0	0.765 sec
32	05/12/32	<code>SELECT * FROM habitacion LIMIT 0, 1000</code>	15 row(s) returned	0.000 sec / 0.000 sec
33	05/13/17	<code>SELECT * FROM log_actividad LIMIT 0, 1000</code>	1000 row(s) returned	0.016 sec / 0.000 sec
34	05/13/52	<code>SELECT * FROM paciente LIMIT 0, 1000</code>	1000 row(s) returned	0.000 sec / 0.000 sec
35	05/14/38	<code>SELECT * FROM log_habitacion LIMIT 0, 1000</code>	0 row(s) returned	0.000 sec / 0.000 sec
36	05/15/11	<code>SELECT COUNT(*) FROM habitacion LIMIT 0, 1000</code>	1row(s) returned	0.000 sec / 0.000 sec
37	05/15/41	<code>SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000</code>	1row(s) returned	0.015 sec / 0.000 sec
38	05/16/10	<code>SELECT COUNT(*) FROM paciente LIMIT 0, 1000</code>	1row(s) returned	0.000 sec / 0.000 sec

- o `SELECT COUNT(*) FROM log_habitacion;`

6. `SELECT COUNT(*) FROM log_actividad;`
 7. `SELECT COUNT(*) FROM paciente;`
 8. `SELECT COUNT(*) FROM log_habitacion;`



The screenshot shows the MySQL Workbench interface with the following details:

- Result Grid:** Shows the result of the query `COUNT(*)`. The value is 0.
- Action Output:** Displays the execution history of the three queries. Each entry includes the time, action, message (e.g., "1row(s) returned"), and duration/fetch time.
- Toolbar:** Includes buttons for Result Grid, Filter Rows, Export, Wrap Cell Content, Read Only, Context Help, and Snippets.
- System Tray:** Shows the date and time (05/17 09/12/2023), language (ESP LAA), and connection status.

#	Time	Action	Message	Duration / Fetch
26	05/04/08	<code>SELECT COUNT(*) FROM habitacion LIMIT 0, 1000</code>	1row(s) returned	0.000 sec / 0.000 sec
27	05/04/39	<code>SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000</code>	1row(s) returned	0.000 sec / 0.000 sec
28	05/05/16	<code>SELECT COUNT(*) FROM paciente LIMIT 0, 1000</code>	1row(s) returned	0.000 sec / 0.000 sec
29	05/05/53	<code>SELECT COUNT(*) FROM paciente LIMIT 0, 1000</code>	1row(s) returned	0.016 sec / 0.000 sec
30	05/06/23	<code>SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000</code>	1row(s) returned	0.000 sec / 0.000 sec
31	05/11/00	<code>LOAD DATA INFILE 'C:\\ProgramData\\MySQL\\MySQL Server 8.0\\Uploads\\EntradaPrac1\\LogActividades2.csv' INTO TABLE log_actividad C...</code>	33843 rows(s) affected Records: 33843 Deleted: 0 Skipped: 0 Warnings: 0	0.765 sec
32	05/12/32	<code>SELECT * FROM habitacion LIMIT 0, 1000</code>	15 row(s) returned	0.000 sec / 0.000 sec
33	05/13/17	<code>SELECT * FROM log_actividad LIMIT 0, 1000</code>	1000 row(s) returned	0.016 sec / 0.000 sec
34	05/13/52	<code>SELECT * FROM paciente LIMIT 0, 1000</code>	1000 row(s) returned	0.000 sec / 0.000 sec
35	05/14/38	<code>SELECT * FROM log_habitacion LIMIT 0, 1000</code>	0 row(s) returned	0.000 sec / 0.000 sec
36	05/15/11	<code>SELECT COUNT(*) FROM habitacion LIMIT 0, 1000</code>	1row(s) returned	0.000 sec / 0.000 sec
37	05/15/41	<code>SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000</code>	1row(s) returned	0.015 sec / 0.000 sec
38	05/16/10	<code>SELECT COUNT(*) FROM paciente LIMIT 0, 1000</code>	1row(s) returned	0.000 sec / 0.000 sec
39	05/16/58	<code>SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000</code>	1row(s) returned	0.000 sec / 0.000 sec

- Creación de backup completo

```
Administrator: Windows PowerShell
PS D:\UNIVERSIDAD\2023 Segundo Semestre Vacaciones\Sistemas de Bases de Datos 2\Laboratorio\BD
2-Pareja4\Practica1\Backups\Completo> measure-command {mysqldump -u root -p bd2_practica1 | Out-File -FilePath "backupFdia4.sql" -Encoding UTF8}
Enter password: *****

Days : 0
Hours : 0
Minutes : 0
Seconds : 4
Milliseconds : 590
Ticks : 45900939
TotalDays : 5.31260868055556E-05
TotalHours : 0.00127502608333333
TotalMinutes : 0.076501565
TotalSeconds : 4.5900939
TotalMilliseconds : 4590.0939

PS D:\UNIVERSIDAD\2023 Segundo Semestre Vacaciones\Sistemas de Bases de Datos 2\Laboratorio\BD
2-Pareja4\Practica1\Backups\Completo>
```

- Creación de backup incremental

```
daniel@danie-OptiPlex-5090: ~ % Administrator: PowerShell
daniel@danie-OptiPlex-5090: ~ % measure-command { mysqlbinlog "C:\ProgramData\MySQL\MySQL Server 8.0\Data\ DANIELDUBON-bin.000026" > backupIncDia4.sql }

Days : 0
Hours : 0
Minutes : 0
Seconds : 0
Milliseconds : 91
Ticks : 910100
TotalDays : 1.05335648148148E-06
TotalHours : 2.52805555555556E-05
TotalMinutes : 0.00151683333333333
TotalSeconds : 0.09101
TotalMilliseconds : 91.01

daniel@danie-OptiPlex-5090: ~ %
```

Día 5:

- Carga de datos

```

1 • LOAD DATA INFILE "C:\\\\ProgramData\\\\MySQL\\\\MySQL Server 8.0\\\\Uploads\\\\EntradaPrac1\\\\LogHabitacion.csv"
2   INTO TABLE log_habitacion
3   CHARACTER SET 'latin1'
4   FIELDS TERMINATED BY ';'
5   LINES TERMINATED BY '\\n'
6   IGNORE 1 ROWS
7   (idHabitacion,timestampx,statusx)

```

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

The screenshot shows the MySQL Workbench interface with the 'Action Output' tab selected. It displays a list of SQL statements and their execution details. The statements include SELECT COUNT(*) from various tables and the execution of the LOAD DATA command. The log shows the following entries:

```

# Time Action
1 30 05:06:23 SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000
2 31 05:11:00 LOAD DATA INFILE "C:\\\\ProgramData\\\\MySQL\\\\MySQL Server 8.0\\\\Uploads\\\\EntradaPrac1\\\\LogActividades2.csv" INTO TABLE log_actividad C... 33843 row(s) affected Records: 33843 Deleted: 0 Skipped: 0 Warnings: 0
3 32 05:12:32 SELECT * FROM habitacion LIMIT 0, 1000
4 33 05:13:17 SELECT * FROM log_actividad LIMIT 0, 1000
5 34 05:13:52 SELECT * FROM paciente LIMIT 0, 1000
6 35 05:14:38 SELECT * FROM log_habitacion LIMIT 0, 1000
7 36 05:15:11 SELECT COUNT(*) FROM habitacion LIMIT 0, 1000
8 37 05:15:41 SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000
9 38 05:16:10 SELECT COUNT(*) FROM paciente LIMIT 0, 1000
10 39 05:16:58 SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000
11 40 05:19:52 LOAD DATA INFILE "C:\\\\ProgramData\\\\MySQL\\\\MySQL Server 8.0\\\\Uploads\\\\EntradaPrac1\\\\LogHabitacion.csv" INTO TABLE log_habitacion CH... Error Code: 1366. Incorrect integer value: 'Sala no disponible' for column 'idHabitacion' at row 1
12 41 05:20:38 SELECT * FROM log_habitacion LIMIT 0, 1000
13 42 05:20:43 LOAD DATA INFILE "C:\\\\ProgramData\\\\MySQL\\\\MySQL Server 8.0\\\\Uploads\\\\EntradaPrac1\\\\LogHabitacion.csv" INTO TABLE log_habitacion C... Error Code: 1366. Incorrect integer value: 'Sala no disponible' for column 'idHabitacion' at row 1
14 43 05:21:29 LOAD DATA INFILE "C:\\\\ProgramData\\\\MySQL\\\\MySQL Server 8.0\\\\Uploads\\\\EntradaPrac1\\\\LogHabitacion.csv" INTO TABLE log_habitacion C... 34617 row(s) affected Records: 34617 Deleted: 0 Skipped: 0 Warnings: 0

```

- SELECT * FROM cada tabla

- SELECT * FROM habitacion;

1. **SELECT * FROM habitacion;**
2. **SELECT * FROM log_actividad;**
3. **SELECT * FROM paciente;**
4. **SELECT * FROM log_habitacion.**

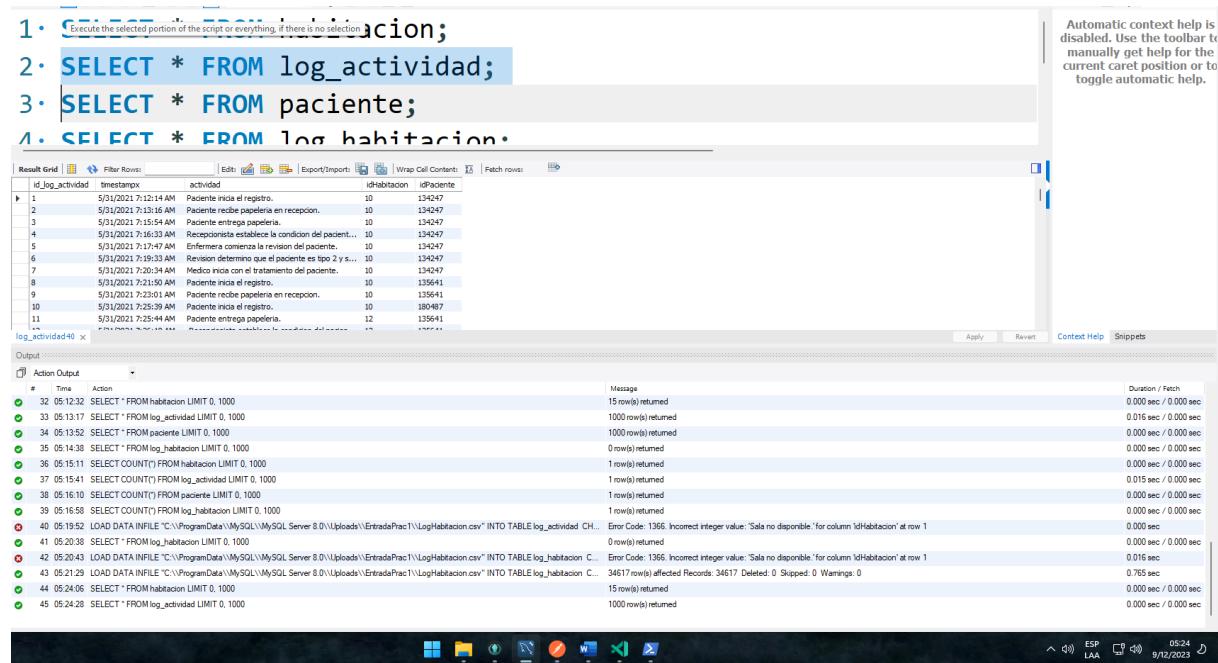
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

The screenshot shows the MySQL Workbench interface with the 'Result Grid' tab selected. It displays the results of the SELECT * FROM habitacion query. The results grid shows the following data:

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

The screenshot also shows the 'Action Output' tab with the same log of statements as the previous screenshot, including the LOAD DATA command and various SELECT COUNT(*) statements.

o `SELECT * FROM log_actividad;`



```

1. SELECT * FROM log_habitacion;
2. SELECT * FROM log_actividad;
3. SELECT * FROM paciente;
4. SELECT * FROM log_habitacion.

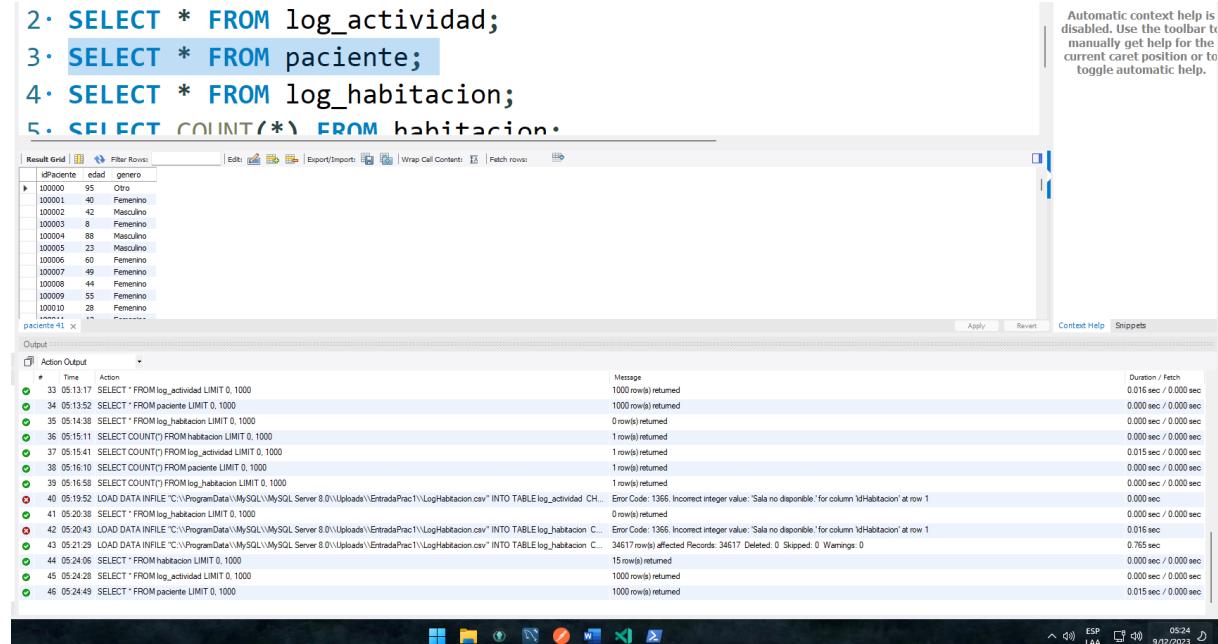
Result Grid | Filter Rows... | Edits | Export/Import... | Wrap Cell Content... | Fetch Rows... | id_log_actividad timestamp actividad idHabitacion idPaciente
1 5/31/2021 7:12:14 AM Paciente ingresa al establecimiento en recepcion. 10 134247
2 5/31/2021 7:12:15 AM Paciente entrega documentacion en recepcion. 10 134247
3 5/31/2021 7:12:15 AM Recibidor entrega papelera. 10 134247
4 5/31/2021 7:12:32 AM Recepcionista establece la condicion del paciente... 10 134247
5 5/31/2021 7:12:37 AM Enfermera comienza la revision del paciente. 10 134247
6 5/31/2021 7:12:33 AM Revision determino que el paciente es tipo 2 y se... 10 134247
7 5/31/2021 7:20:34 AM Medico inicia con el tratamiento del paciente. 10 134247
8 5/31/2021 7:21:50 AM Paciente ingresa al establecimiento en recepcion. 10 135641
9 5/31/2021 7:21:50 AM Paciente recibe enfermera en recepcion. 10 135641
10 5/31/2021 7:25:39 AM Paciente ingresa el registro. 10 180487
11 5/31/2021 7:25:44 AM Paciente entrega papelera. 12 135641

```

Output:

#	Time	Action	Message	Duration / Fetch
32	05-12-12	SELECT * FROM habitacion LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
33	05-13-17	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.016 sec / 0.000 sec
34	05-13-52	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
35	05-14-38	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
36	05-15-11	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
37	05-15-40	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
38	05-16-01	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
39	05-16-26	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
40	05-19-52	LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\LogHabitacion.csv" INTO TABLE log_actividad CH...	Error Code: 1396: Incorrect integer value: 'Sala no disponible' for column 'idHabitacion' at row 1	0.000 sec
41	05-20-38	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
42	05-20-43	LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\LogHabitacion.csv" INTO TABLE log_habitacion C...	Error Code: 1396: Incorrect integer value: 'Sala no disponible' for column 'idHabitacion' at row 1	0.016 sec
43	05-21-29	LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\LogHabitacion.csv" INTO TABLE log_habitacion C...	34617 row(s) affected Records: 34617 Deleted: 0 Skipped: 0 Warnings: 0	0.765 sec
44	05-24-05	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
45	05-24-28	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec

o `SELECT * FROM paciente;`



```

2. SELECT * FROM log_actividad;
3. SELECT * FROM paciente;
4. SELECT * FROM log_habitacion;
5. SELECT COUNT(*) FROM habitacion.

Result Grid | Filter Rows... | Edits | Export/Import... | Wrap Cell Content... | Fetch Rows... | idPaciente edad genero
100000 95 Otro
100001 40 Femenino
100002 42 Masculino
100003 8 Femenino
100004 88 Masculino
100005 23 Masculino
100006 65 Otro
100007 49 Femenino
100008 44 Femenino
100009 55 Femenino
100010 28 Femenino

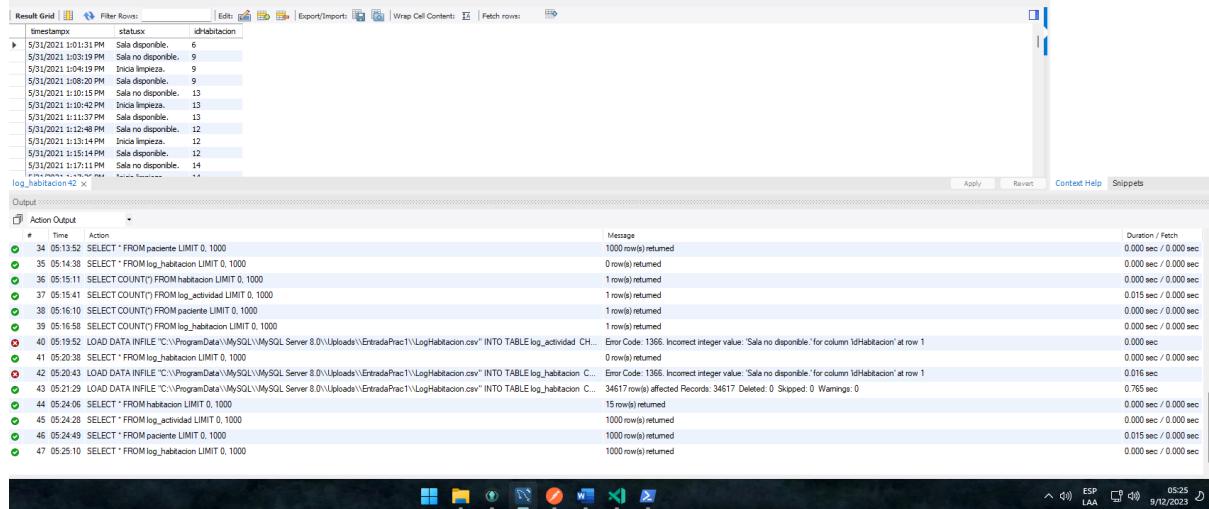
```

Output:

#	Time	Action	Message	Duration / Fetch
33	05-13-17	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.016 sec / 0.000 sec
34	05-13-52	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
35	05-14-38	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
36	05-15-11	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
37	05-15-41	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
38	05-16-10	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
39	05-16-58	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
40	05-19-52	LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\LogHabitacion.csv" INTO TABLE log_actividad CH...	Error Code: 1396: Incorrect integer value: 'Sala no disponible' for column 'idHabitacion' at row 1	0.000 sec
41	05-20-38	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
42	05-20-43	LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\LogHabitacion.csv" INTO TABLE log_habitacion C...	Error Code: 1396: Incorrect integer value: 'Sala no disponible' for column 'idHabitacion' at row 1	0.016 sec
43	05-21-29	LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\LogHabitacion.csv" INTO TABLE log_habitacion C...	34617 row(s) affected Records: 34617 Deleted: 0 Skipped: 0 Warnings: 0	0.765 sec
44	05-24-06	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
45	05-24-28	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
46	05-24-49	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.015 sec / 0.000 sec

- o `SELECT * FROM log_habitacion;`

3. `SELECT * FROM paciente;`
 4. `SELECT * FROM log_habitacion;`
 5. `SELECT COUNT(*) FROM habitacion;`
 6. `SELECT COUNT(*) FROM log_actividad.`



The screenshot shows the MySQL Workbench interface with several statements executed:

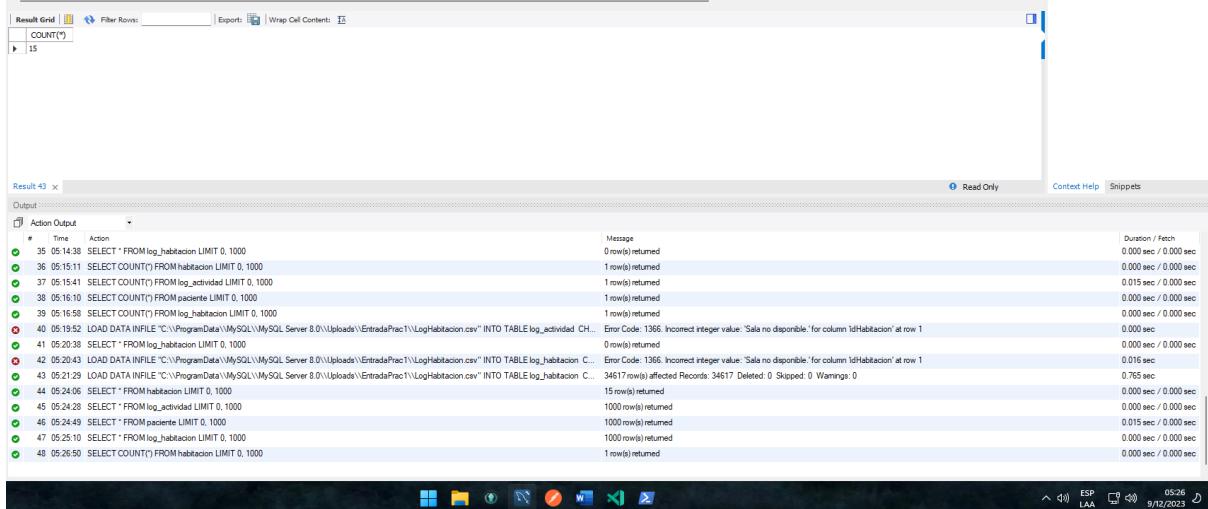
- Statement 3: `SELECT * FROM paciente;`
- Statement 4: `SELECT * FROM log_habitacion;`
- Statement 5: `SELECT COUNT(*) FROM habitacion;`
- Statement 6: `SELECT COUNT(*) FROM log_actividad.`
- Statement 7: `LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPract1\LogHabitacion.csv' INTO TABLE log_habitacion CH...`

The results grid displays log entries for room availability changes (e.g., 'Sala disponible.', 'Inicia limpia.') and activity counts. The output pane shows the execution log with details like timestamp, action, message, and duration.

- `SELECT COUNT(*) FROM cada tabla`

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

4. `SELECT * FROM log_habitacion;`
 5. `SELECT COUNT(*) FROM habitacion;`
 6. `SELECT COUNT(*) FROM log_actividad;`
 7. `SELECT COUNT(*) FROM paciente.`



The screenshot shows the MySQL Workbench interface with several statements executed:

- Statement 4: `SELECT * FROM log_habitacion;`
- Statement 5: `SELECT COUNT(*) FROM habitacion;`
- Statement 6: `SELECT COUNT(*) FROM log_actividad;`
- Statement 7: `SELECT COUNT(*) FROM paciente.`
- Statement 8: `LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPract1\LogHabitacion.csv' INTO TABLE log_habitacion CH...`

The results grid displays log entries for room availability changes (e.g., 'Sala disponible.', 'Inicia limpia.') and activity counts. The output pane shows the execution log with details like timestamp, action, message, and duration.

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

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

```
5· SELECT COUNT(*) FROM habitacion;
6· SELECT COUNT(*) FROM log_actividad;
7· SELECT COUNT(*) FROM paciente;
8· SELECT COUNT(*) FROM log_habitacion.
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | COUNT(*) | 67684

Output: Action Output

Time	Action	Message	Duration / Fetch
36 05:15:11	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
37 05:15:41	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
38 05:16:01	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
40 05:19:52	LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\LogHabitacion.csv' INTO TABLE log_actividad.C. Error Code: 1366. Incorrect integer value: 'Sala no disponible.' for column 'idHabitacion' at row 1	Error Code: 1366. Incorrect integer value: 'Sala no disponible.' for column 'idHabitacion' at row 1	0.000 sec
42 05:20:43	LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\LogHabitacion.csv' INTO TABLE log_habitacion.C. Error Code: 1366. Incorrect integer value: 'Sala no disponible.' for column 'idHabitacion' at row 1	Error Code: 1366. Incorrect integer value: 'Sala no disponible.' for column 'idHabitacion' at row 1	0.016 sec
43 05:21:29	LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\LogHabitacion.csv' INTO TABLE log_habitacion.C. 34617 rows affected. Records: 34617 Deleted: 0 Skipped: 0 Warnings: 0	34617 rows affected. Records: 34617 Deleted: 0 Skipped: 0 Warnings: 0	0.765 sec
44 05:24:06	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
45 05:24:28	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
46 05:24:49	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.015 sec / 0.000 sec
47 05:25:10	SELECT * FROM log_habitacion LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
48 05:26:50	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
49 05:27:10	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Read Only | Context Help | Snippets

ESP LAA 05:27 9/12/2023

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

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

```
6· SELECT COUNT(*) FROM log_actividad;
7· SELECT COUNT(*) FROM paciente;
8· SELECT COUNT(*) FROM log_habitacion;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | COUNT(*) | 154184

Output: Action Output

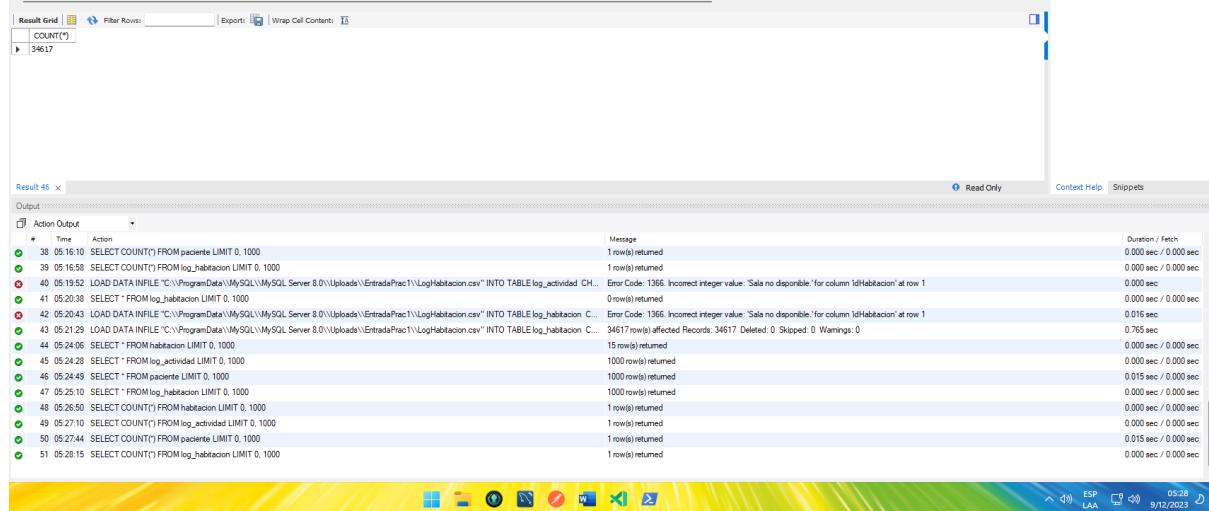
Time	Action	Message	Duration / Fetch
37 05:15:41	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
38 05:16:10	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
39 05:16:58	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
40 05:19:52	LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\LogHabitacion.csv' INTO TABLE log_actividad.C. Error Code: 1366. Incorrect integer value: 'Sala no disponible.' for column 'idHabitacion' at row 1	Error Code: 1366. Incorrect integer value: 'Sala no disponible.' for column 'idHabitacion' at row 1	0.000 sec
42 05:20:43	LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\LogHabitacion.csv' INTO TABLE log_habitacion.C. Error Code: 1366. Incorrect integer value: 'Sala no disponible.' for column 'idHabitacion' at row 1	Error Code: 1366. Incorrect integer value: 'Sala no disponible.' for column 'idHabitacion' at row 1	0.016 sec
43 05:21:29	LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\Uploads\EntradaPrac1\LogHabitacion.csv' INTO TABLE log_habitacion.C. 34617 rows affected. Records: 34617 Deleted: 0 Skipped: 0 Warnings: 0	34617 rows affected. Records: 34617 Deleted: 0 Skipped: 0 Warnings: 0	0.765 sec
44 05:24:06	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
45 05:24:28	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
46 05:24:49	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.015 sec / 0.000 sec
47 05:25:10	SELECT * FROM log_habitacion LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
48 05:26:50	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
49 05:27:10	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
50 05:27:44	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec

Read Only | Context Help | Snippets

ESP LAA 05:22 9/12/2023

- o `SELECT COUNT(*) FROM log_habitacion;`

6· `SELECT COUNT(*) FROM log_actividad;`
 7· `SELECT COUNT(*) FROM paciente;`
 8· `SELECT COUNT(*) FROM log_habitacion;`

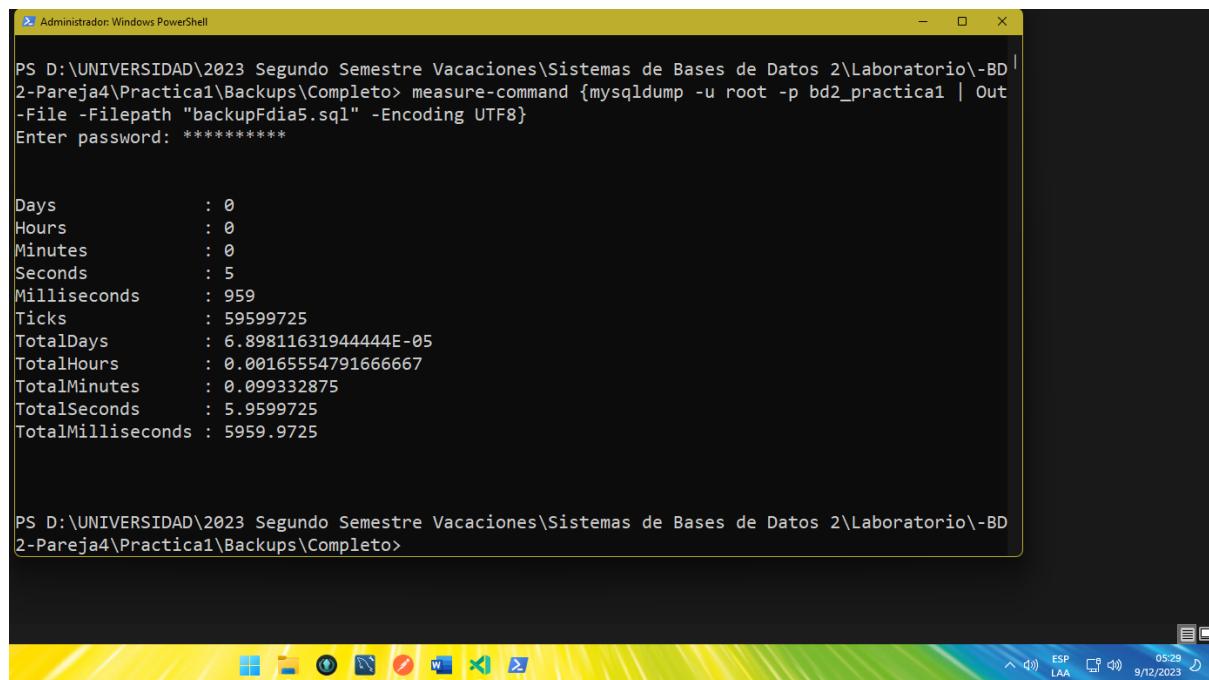


Result Grid | Filter Rows | Export | Wrap Cell Contents | ▾ 34617

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Action Output	Time	Action	Message	Duration / Fetch
38 05:16:10	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec	
39 05:16:59	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec	
40 05:19:52	LOAD DATA INFILE "C:\\ProgramData\\MySQL\\MySQL Server 8.0\\Uploads\\EntradaPrac1\\LogHabitacion.csv" INTO TABLE log_actividad CH...	Error Code: 1366. Incorrect integer value: 'Sala no disponible.' for column 'IdHabitacion' at row 1 0 row(s) returned	0.000 sec / 0.000 sec	
41 05:20:39	SELECT * FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec	
42 05:20:43	LOAD DATA INFILE "C:\\ProgramData\\MySQL\\MySQL Server 8.0\\Uploads\\EntradaPrac1\\LogHabitacion.csv" INTO TABLE log_habitacion C...	Error Code: 1366. Incorrect integer value: 'Sala no disponible.' for column 'IdHabitacion' at row 1 0 row(s) returned	0.016 sec / 0.000 sec	
43 05:21:29	LOAD DATA INFILE "C:\\ProgramData\\MySQL\\MySQL Server 8.0\\Uploads\\EntradaPrac1\\LogHabitacion.csv" INTO TABLE log_habitacion C...	34617 row(s) affected Records: 34617 Deleted: 0 Skipped: 0 Warnings: 0	0.765 sec	
44 05:24:09	SELECT * FROM log_actividad LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec	
45 05:24:28	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec	
46 05:24:49	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.015 sec / 0.000 sec	
47 05:25:10	SELECT * FROM log_habitacion LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec	
48 05:26:50	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec	
49 05:27:10	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec	
50 05:27:44	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec	
51 05:28:15	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec	

- Creación de backup completo

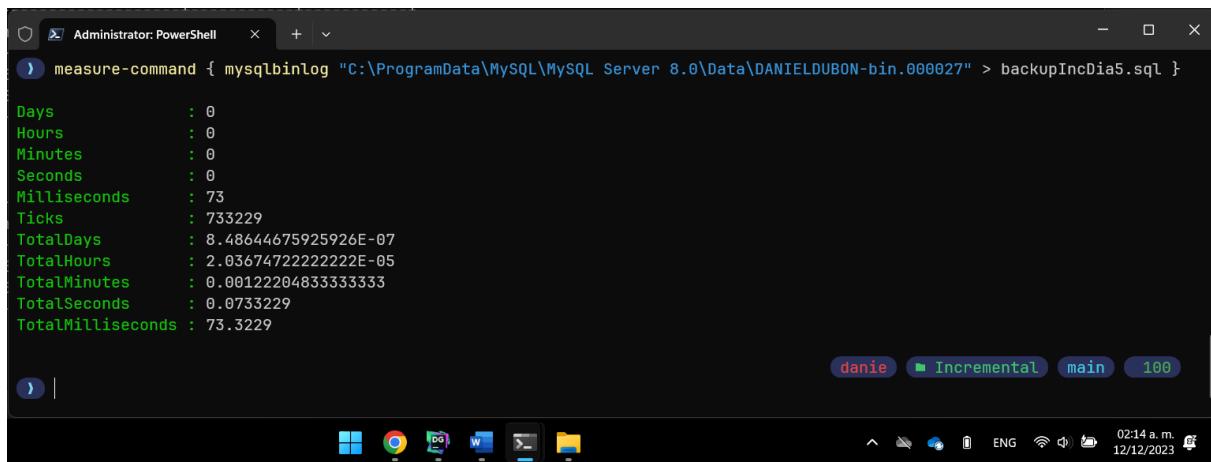


```
Administrator: Windows PowerShell
PS D:\UNIVERSIDAD\2023 Segundo Semestre Vacaciones\Sistemas de Bases de Datos 2\Laboratorio\BD 2-Pareja4\Practical\Backups\Completo> measure-command {mysqldump -u root -p bd2_practical | Out-File -FilePath "backupFdia5.sql" -Encoding UTF8}
Enter password: *****

Days : 0
Hours : 0
Minutes : 0
Seconds : 5
Milliseconds : 959
Ticks : 59599725
TotalDays : 6.89811631944444E-05
TotalHours : 0.00165554791666667
TotalMinutes : 0.099332875
TotalSeconds : 5.9599725
TotalMilliseconds : 5959.9725

PS D:\UNIVERSIDAD\2023 Segundo Semestre Vacaciones\Sistemas de Bases de Datos 2\Laboratorio\BD 2-Pareja4\Practical\Backups\Completo>
```

- Creación de backup incremental



```
Administrator: PowerShell
measure-command { mysqlbinlog "C:\ProgramData\MySQL\MySQL Server 8.0\Data\DAELDUBON-bin.000027" > backupIncDia5.sql }

Days : 0
Hours : 0
Minutes : 0
Seconds : 0
Milliseconds : 73
Ticks : 733229
TotalDays : 8.48644675925926E-07
TotalHours : 2.03674722222222E-05
TotalMinutes : 0.001222048333333333
TotalSeconds : 0.0733229
TotalMilliseconds : 73.3229
```

The screenshot shows an Administrator PowerShell window. The command `measure-command` is run to time the execution of `mysqlbinlog` which outputs to a file named `backupIncDia5.sql`. The output shows various time-related variables like Days, Hours, Minutes, Seconds, Milliseconds, Ticks, TotalDays, TotalHours, TotalMinutes, TotalSeconds, and TotalMilliseconds. The total time is 73.3229 milliseconds.

Restauración de Full Backup

Día 6:

- Eliminación de datos

```
1 • USE bd2_practica1;
2 • SET SQL_SAFE_UPDATES = 0;
3 • DELETE FROM log_actividad;
4 • DELETE FROM log_habitacion;
5 • DELETE FROM habitacion;
6 • DELETE FROM paciente;
7 • SET SQL_SAFE_UPDATES = 1;
```

8

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

The screenshot shows the MySQL Workbench interface with a history of database operations. The operations listed are:

Action	Time	Message	Duration / Fetch
2 17:31:35 USE bd2_practica1		0 row(s) affected	0.016 sec
3 17:31:37 DELETE FROM habitacion		Error Code: 1175. You are using safe update mode and you tried to update a table without a WHERE that uses a KEY column. To disable safe mode, set	0.000 sec
4 17:32:24 USE bd2_practica1		0 row(s) affected	0.000 sec
5 17:32:24 SET SQL_SAFE_UPDATES = 0		0 row(s) affected	0.000 sec
6 17:32:24 DELETE FROM habitacion		Error Code: 1451. Cannot delete or update a parent row: a foreign key constraint fails ('bd2_practica1`.`log_actividad', CONSTRAINT `log_actividad_ibfk_1` FOREIGN KEY(`habitacion_id`))	0.000 sec
7 17:32:38 SET SQL_SAFE_UPDATES = 0		0 row(s) affected	0.000 sec
8 17:32:38 DELETE FROM habitacion		Error Code: 1451. Cannot delete or update a parent row: a foreign key constraint fails ('bd2_practica1`.`log_actividad', CONSTRAINT `log_actividad_ibfk_1` FOREIGN KEY(`habitacion_id`))	0.000 sec
9 17:32:44 USE bd2_practica1		0 row(s) affected	0.000 sec
10 17:32:49 SET SQL_SAFE_UPDATES = 0		0 row(s) affected	0.000 sec
11 17:32:49 DELETE FROM log_actividad		67684 row(s) affected	1.031 sec
12 17:32:50 DELETE FROM log_habitacion		34617 row(s) affected	0.500 sec
13 17:32:50 DELETE FROM habitacion		15 row(s) affected	0.016 sec
14 17:32:50 DELETE FROM paciente		154184 row(s) affected	1.796 sec
15 17:32:52 SET SQL_SAFE_UPDATES = 1		0 row(s) affected	0.000 sec

- Restauración de full backup 1

The screenshot shows a Windows PowerShell window with the following command and output:

```
PS D:\UNIVERSIDAD\2023 Segundo Semestre Vacaciones\Sistemas de Bases de Datos 2\Laboratorio\BD2-Pareja4\Practical1\Backups\Completo> measure-command {cmd /c 'mysql -u root -p bd2_practica1 < backupFdia1.sql'}
```

Enter password: *****

```
Days : 0
Hours : 0
Minutes : 0
Seconds : 2
Milliseconds : 993
Ticks : 29937228
TotalDays : 3.46495694444444E-05
TotalHours : 0.0008315896666666667
TotalMinutes : 0.04989538
TotalSeconds : 2.9937228
TotalMilliseconds : 2993.7228
```

```
PS D:\UNIVERSIDAD\2023 Segundo Semestre Vacaciones\Sistemas de Bases de Datos 2\Laboratorio\BD2-Pareja4\Practical1\Backups\Completo> ■
```

- **SELECT * FROM cada tabla**

- **SELECT * FROM habitacion;**

1. `SELECT * FROM habitacion;`
 Execute the selected portion of the script or everything, if there is no selection.

2. `SELECT * FROM log_actividad;`

3. `SELECT * FROM paciente;`

4. `SELECT * FROM log_habitacion;`

habitacion	idhabitacion	descripcion
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 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

log_actividad	id_log_actividad	actividad	habitacion	paciente
1	1	Entrada	1	1
2	2	Salida	1	1
3	3	Entrada	2	1
4	4	Salida	2	1
5	5	Entrada	3	1
6	6	Salida	3	1
7	7	Entrada	4	1
8	8	Salida	4	1
9	9	Entrada	5	1
10	10	Salida	5	1
11	11	Entrada	6	1
12	12	Salida	6	1
13	13	Entrada	7	1
14	14	Salida	7	1
15	15	Entrada	8	1
16	16	Salida	8	1
17	17	Entrada	9	1
18	18	Salida	9	1
19	19	Entrada	10	1
20	20	Salida	10	1
21	21	Entrada	11	1
22	22	Salida	11	1

paciente	id_paciente	nombre	apellidos	edad
1	1	Juan	Pérez	30
2	2	María	García	25
3	3	Alejandro	Ortega	40
4	4	Isabel	Álvarez	35
5	5	Alberto	Sánchez	32
6	6	Ana	Jiménez	28
7	7	Carmen	Moreno	38
8	8	David	Velázquez	42
9	9	Elena	Martínez	33
10	10	Fernando	Rodríguez	36
11	11	Gloria	Alvarez	31
12	12	Hector	Ortega	39
13	13	Irene	Jiménez	34
14	14	José	Velázquez	41
15	15	Magdalena	Moreno	37
16	16	Nicola	Rodríguez	32
17	17	Oscar	Alvarez	35
18	18	Pilar	Ortega	38
19	19	Quirón	Jiménez	30
20	20	Ramón	Velázquez	40
21	21	Silvia	Moreno	36
22	22	Teresa	Rodríguez	39
23	23	Ursula	Alvarez	34
24	24	Vicente	Ortega	42
25	25	Wenceslao	Jiménez	31
26	26	Ximena	Velázquez	33
27	27	Yolanda	Moreno	37
28	28	Zaida	Rodríguez	32
29	29	Alejo	Alvarez	35
30	30	Belen	Ortega	38
31	31	Cristina	Jiménez	30
32	32	Domingo	Velázquez	40
33	33	Eduardo	Moreno	36
34	34	Felicidad	Rodríguez	32
35	35	Gonzalo	Alvarez	35
36	36	Higinio	Ortega	38
37	37	Ignacio	Jiménez	30
38	38	Juanito	Velázquez	40
39	39	Karla	Moreno	36
40	40	Luisito	Rodríguez	32
41	41	Martito	Alvarez	35
42	42	Nicanor	Ortega	38
43	43	Otilio	Jiménez	30
44	44	Pedroto	Velázquez	40
45	45	Quiñonito	Moreno	36
46	46	Rafaelito	Rodríguez	32
47	47	Silvito	Alvarez	35
48	48	Teresito	Ortega	38
49	49	Ursulito	Jiménez	30
50	50	Zaidito	Velázquez	40

log_habitacion	id_log_habitacion	habitacion	accion
1	1	1	Entrada
2	2	1	Salida
3	3	2	Entrada
4	4	2	Salida
5	5	3	Entrada
6	6	3	Salida
7	7	4	Entrada
8	8	4	Salida
9	9	5	Entrada
10	10	5	Salida
11	11	6	Entrada
12	12	6	Salida
13	13	7	Entrada
14	14	7	Salida
15	15	8	Entrada
16	16	8	Salida
17	17	9	Entrada
18	18	9	Salida
19	19	10	Entrada
20	20	10	Salida
21	21	11	Entrada
22	22	11	Salida

- **SELECT * FROM log_actividad;**

1. `SELECT * FROM habitacion;`

2. `SELECT * FROM log_actividad;`

3. `SELECT * FROM paciente;`

4. `SELECT * FROM log_habitacion;`

habitacion	idhabitacion	descripcion
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 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

log_actividad	id_log_actividad	actividad	habitacion	paciente
1	1	Entrada	1	1
2	2	Salida	1	1
3	3	Entrada	2	1
4	4	Salida	2	1
5	5	Entrada	3	1
6	6	Salida	3	1
7	7	Entrada	4	1
8	8	Salida	4	1
9	9	Entrada	5	1
10	10	Salida	5	1
11	11	Entrada	6	1
12	12	Salida	6	1
13	13	Entrada	7	1
14	14	Salida	7	1
15	15	Entrada	8	1
16	16	Salida	8	1
17	17	Entrada	9	1
18	18	Salida	9	1
19	19	Entrada	10	1
20	20	Salida	10	1
21	21	Entrada	11	1
22	22	Salida	11	1

paciente	id_paciente	nombre	apellidos	edad
1	1	Juan	Pérez	30
2	2	María	García	25
3	3	Alejandro	Ortega	40
4	4	Isabel	Álvarez	35
5	5	Alberto	Sánchez	32
6	6	Ana	Jiménez	28
7	7	Carmen	Moreno	38
8	8	David	Velázquez	42
9	9	Elena	Martínez	33
10	10	Fernando	Rodríguez	36
11	11	Gloria	Alvarez	31
12	12	Hector	Ortega	39
13	13	Irene	Jiménez	34
14	14	José	Velázquez	41
15	15	Magdalena	Moreno	37
16	16	Nicola	Rodríguez	32
17	17	Oscar	Alvarez	35
18	18	Pilar	Ortega	38
19	19	Quirón	Jiménez	30
20	20	Ramón	Velázquez	40
21	21	Silvia	Moreno	36
22	22	Teresa	Rodríguez	39
23	23	Ursula	Alvarez	34
24	24	Vicente	Ortega	42
25	25	Wenceslao	Jiménez	31
26	26	Ximena	Velázquez	33
27	27	Yolanda	Moreno	37
28	28	Zaida	Rodríguez	32
29	29	Alejo	Alvarez	35
30	30	Belen	Ortega	38
31	31	Cristina	Jiménez	30
32	32	Domingo	Velázquez	40
33	33	Eduardo	Moreno	36
34	34	Felicidad	Rodríguez	32
35	35	Gonzalo	Alvarez	35
36	36	Higinio	Ortega	38
37	37	Ignacio	Jiménez	30
38	38	Juanito	Velázquez	40
39	39	Karla	Moreno	36
40	40	Luisito	Rodríguez	32
41	41	Martito	Alvarez	35
42	42	Nicanor	Ortega	38
43	43	Otilio	Jiménez	30
44	44	Pedroto	Velázquez	40
45	45	Quiñonito	Moreno	36
46	46	Rafaelito	Rodríguez	32
47	47	Silvito	Alvarez	35
48	48	Teresito	Ortega	38
49	49	Ursulito	Jiménez	30
50	50	Zaidito	Velázquez	40

log_habitacion	id_log_habitacion	habitacion	accion
1	1	1	Entrada
2	2	1	Salida
3	3	2	Entrada
4	4	2	Salida
5	5	3	Entrada
6	6	3	Salida
7	7	4	Entrada
8	8	4	Salida
9	9	5	Entrada
10	10	5	Salida
11	11	6	Entrada
12	12	6	Salida
13	13	7	Entrada
14	14	7	Salida
15	15	8	Entrada
16	16	8	Salida
17	17	9	Entrada
18	18	9	Salida
19	19	10	Entrada
20	20	10	Salida
21	21	11	Entrada
22	22	11	Salida

- o `SELECT * FROM paciente;`

```
2. SELECT * FROM log_actividad;
3. SELECT * FROM paciente;
4. SELECT * FROM log_habitacion;
5. SELECT COUNT(*) FROM habitacion;
```

The screenshot shows the MySQL Workbench interface with the following details:

- Result Grid:** Shows columns for `idpaciente`, `edad`, and `genero`.
- Action Output:** Displays the execution log with the following entries:

Time	Action	Message	Duration / Fetch
11 17:32:49	DELETE FROM log_actividad	67684 row(s) affected	1.031 sec
12 17:32:50	DELETE FROM log_habitacion	34617 row(s) affected	0.500 sec
13 17:32:50	DELETE FROM habitacion	15 row(s) affected	0.016 sec
14 17:32:50	DELETE FROM paciente	154184 row(s) affected	1.795 sec
15 17:32:52	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
16 18:00:26	SELECT * FROM habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
17 18:00:29	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
18 18:00:31	SELECT * FROM paciente LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
19 18:00:33	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
20 20:22:19	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
21 20:22:23	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
22 20:26:49	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
23 20:27:22	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
24 20:27:53	SELECT * FROM paciente LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

- o `SELECT * FROM log_habitacion;`

```
3. Execute the selected portion of the script or everything, if there is no selection; e;
4. SELECT * FROM log_habitacion;
5. SELECT COUNT(*) FROM habitacion;
6. SELECT COUNT(*) FROM log_actividad;
```

The screenshot shows the MySQL Workbench interface with the following details:

- Result Grid:** Shows columns for `timestamp`, `statusx`, and `idhabitacion`.
- Action Output:** Displays the execution log with the following entries:

Time	Action	Message	Duration / Fetch
12 17:32:50	DELETE FROM log_habitacion	34617 row(s) affected	0.500 sec
13 17:32:50	DELETE FROM habitacion	15 row(s) affected	0.016 sec
14 17:32:50	DELETE FROM paciente	154184 row(s) affected	1.795 sec
15 17:32:52	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
16 18:00:26	SELECT * FROM habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
17 18:00:29	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
18 18:00:31	SELECT * FROM paciente LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
19 18:00:33	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
20 20:22:19	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
21 20:22:23	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
22 20:26:49	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
23 20:27:22	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
24 20:27:53	SELECT * FROM paciente LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
25 20:28:23	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

20:28 9/12/2023

- **SELECT COUNT(*) FROM cada tabla**

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

```
5· SELECT COUNT(*) FROM habitacion;
6· SELECT COUNT(*) FROM log_actividad;
7· SELECT COUNT(*) FROM paciente;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Contents: |

COUNT(*)
15

Output

Action Output

#	Time	Action	Message	Duration / Fetch
13	17:32:50	DELETE FROM habitacion	15 row(s) affected	0.016 sec
14	17:32:50	DELETE FROM paciente	154134 row(s) affected	1.796 sec
15	17:32:52	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
16	18:00:29	SELECT * FROM habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
17	18:00:29	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
18	18:00:31	SELECT * FROM paciente LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
19	18:00:33	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
20	20:22:19	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
21	20:22:23	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
22	20:26:49	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
23	20:27:22	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
24	20:27:53	SELECT * FROM paciente LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
25	20:28:23	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
26	20:29:17	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Result 11 ×

ESP LAA 20:29 9/12/2023

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

```
5· SELECT COUNT(*) FROM habitacion;
6· SELECT COUNT(*) FROM log_actividad;
7· SELECT COUNT(*) FROM paciente;
8· SELECT COUNT(*) FROM log_habitacion;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Contents: |

COUNT(*)
0

Output

Action Output

#	Time	Action	Message	Duration / Fetch
14	17:32:50	DELETE FROM paciente	154134 row(s) affected	1.796 sec
15	17:32:52	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
16	18:00:26	SELECT * FROM habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
17	18:00:29	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
18	18:00:31	SELECT * FROM paciente LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
19	18:00:33	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
20	20:22:19	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
21	20:22:23	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
22	20:26:49	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
23	20:27:22	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
24	20:27:53	SELECT * FROM paciente LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
25	20:28:23	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
26	20:29:17	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
27	20:29:39	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Result 12 ×

ESP LAA 20:29 9/12/2023

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

6· `SELECT COUNT(*) FROM log_actividad;`
 7· `SELECT COUNT(*) FROM paciente;`
 8· `SELECT COUNT(*) FROM log_habitacion;`

Action Output	Time	Action	Message	Duration / Fetch
15 17:32:52	SET SQL_SAFE_UPDATES = 1		0 row(s) affected	0.000 sec
16 18:00:26	SELECT * FROM habitacion LIMIT 0, 1000		0 row(s) returned	0.000 sec / 0.000 sec
17 18:00:29	SELECT * FROM log_actvidad LIMIT 0, 1000		0 row(s) returned	0.000 sec / 0.000 sec
18 18:00:31	SELECT * FROM paciente LIMIT 0, 1000		0 row(s) returned	0.016 sec / 0.000 sec
19 18:00:33	SELECT * FROM log_habitacion LIMIT 0, 1000		0 row(s) returned	0.000 sec / 0.000 sec
20 20:22:19	SELECT * FROM habitacion LIMIT 0, 1000		15 row(s) returned	0.000 sec / 0.000 sec
21 20:22:23	SELECT * FROM log_actvidad LIMIT 0, 1000		0 row(s) returned	0.000 sec / 0.000 sec
22 20:26:49	SELECT * FROM habitacion LIMIT 0, 1000		15 row(s) returned	0.000 sec / 0.000 sec
23 20:27:22	SELECT * FROM log_actvidad LIMIT 0, 1000		0 row(s) returned	0.000 sec / 0.000 sec
24 20:27:53	SELECT * FROM paciente LIMIT 0, 1000		0 row(s) returned	0.000 sec / 0.000 sec
25 20:28:23	SELECT * FROM log_habitacion LIMIT 0, 1000		0 row(s) returned	0.000 sec / 0.000 sec
26 20:29:17	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000		1 row(s) returned	0.000 sec / 0.000 sec
27 20:29:39	SELECT COUNT(*) FROM log_actvidad LIMIT 0, 1000		1 row(s) returned	0.000 sec / 0.000 sec
28 20:30:06	SELECT COUNT(*) FROM paciente LIMIT 0, 1000		1 row(s) returned	0.000 sec / 0.000 sec

Result 13 x Read Only Context Help Snippets

Output

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | COUNT(*) | 0

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

- o `SELECT COUNT(*) FROM log_habitacion;`

6· `SELECT COUNT(*) FROM log_actividad;`
 7· `SELECT COUNT(*) FROM paciente;`
 8· `SELECT COUNT(*) FROM log_habitacion;`

Action Output	Time	Action	Message	Duration / Fetch
16 18:00:26	SELECT * FROM habitacion LIMIT 0, 1000		0 row(s) returned	0.000 sec / 0.000 sec
17 18:00:29	SELECT * FROM log_actvidad LIMIT 0, 1000		0 row(s) returned	0.000 sec / 0.000 sec
18 18:00:31	SELECT * FROM paciente LIMIT 0, 1000		0 row(s) returned	0.016 sec / 0.000 sec
19 18:00:33	SELECT * FROM log_habitacion LIMIT 0, 1000		0 row(s) returned	0.000 sec / 0.000 sec
20 20:22:19	SELECT * FROM habitacion LIMIT 0, 1000		15 row(s) returned	0.000 sec / 0.000 sec
21 20:22:23	SELECT * FROM log_actvidad LIMIT 0, 1000		0 row(s) returned	0.000 sec / 0.000 sec
22 20:26:49	SELECT * FROM habitacion LIMIT 0, 1000		15 row(s) returned	0.000 sec / 0.000 sec
23 20:27:22	SELECT * FROM log_actvidad LIMIT 0, 1000		0 row(s) returned	0.000 sec / 0.000 sec
24 20:27:53	SELECT * FROM paciente LIMIT 0, 1000		0 row(s) returned	0.000 sec / 0.000 sec
25 20:28:23	SELECT * FROM log_habitacion LIMIT 0, 1000		0 row(s) returned	0.000 sec / 0.000 sec
26 20:29:17	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000		1 row(s) returned	0.000 sec / 0.000 sec
27 20:29:39	SELECT COUNT(*) FROM log_actvidad LIMIT 0, 1000		1 row(s) returned	0.000 sec / 0.000 sec
28 20:30:06	SELECT COUNT(*) FROM paciente LIMIT 0, 1000		1 row(s) returned	0.000 sec / 0.000 sec
29 20:30:28	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000		1 row(s) returned	0.000 sec / 0.000 sec

Result 14 x Read Only Context Help Snippets

Output

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | COUNT(*) | 0

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Día 7:

- Eliminación de datos

```
1 • USE bd2_practica1;
2 • SET SQL_SAFE_UPDATES = 0;
3 • DELETE FROM log_actividad;
4 • DELETE FROM log_habitacion;
5 • DELETE FROM habitacion;
6 • DELETE FROM paciente;
7 • SET SQL_SAFE_UPDATES = 1;
8
```

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

The screenshot shows the MySQL Workbench interface with the 'Output' tab selected. The 'Action Output' section displays a list of 36 SQL statements executed at 20:29:52. The columns show the statement number, time, action, message, and duration/fetch time. Most statements are SELECT COUNT(*) queries or table deletions, with one USE command and one SET command. The execution times are very fast, mostly under 0.000 sec.

#	Time	Action	Message	Duration / Fetch
23	20:29:52	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
24	20:29:53	SELECT * FROM paciente LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
25	20:29:53	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
26	20:29:53	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
27	20:29:53	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
28	20:29:53	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
29	20:29:53	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
30	20:29:52	USE bd2_practica1	0 row(s) affected	0.000 sec
31	20:29:52	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
32	20:29:52	DELETE FROM log_actividad	0 row(s) affected	0.000 sec
33	20:29:52	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
34	20:29:52	DELETE FROM habitacion	15 row(s) affected	0.000 sec
35	20:29:52	DELETE FROM paciente	0 row(s) affected	0.015 sec
36	20:29:52	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec

- Restauración de full backup 2

The screenshot shows a terminal window with the following command and output:

```
PS D:\UNIVERSIDAD\2023 Segundo Semestre Vacaciones\Sistemas de Bases de Datos 2\Laboratorio\BD2-Pareja4\Practical1\Backups\Completo> measure-command {cmd /c 'mysql -u root -p bd2_practica1 < backupFdia2.sql'}
```

Enter password: *****

Measure-Command output:

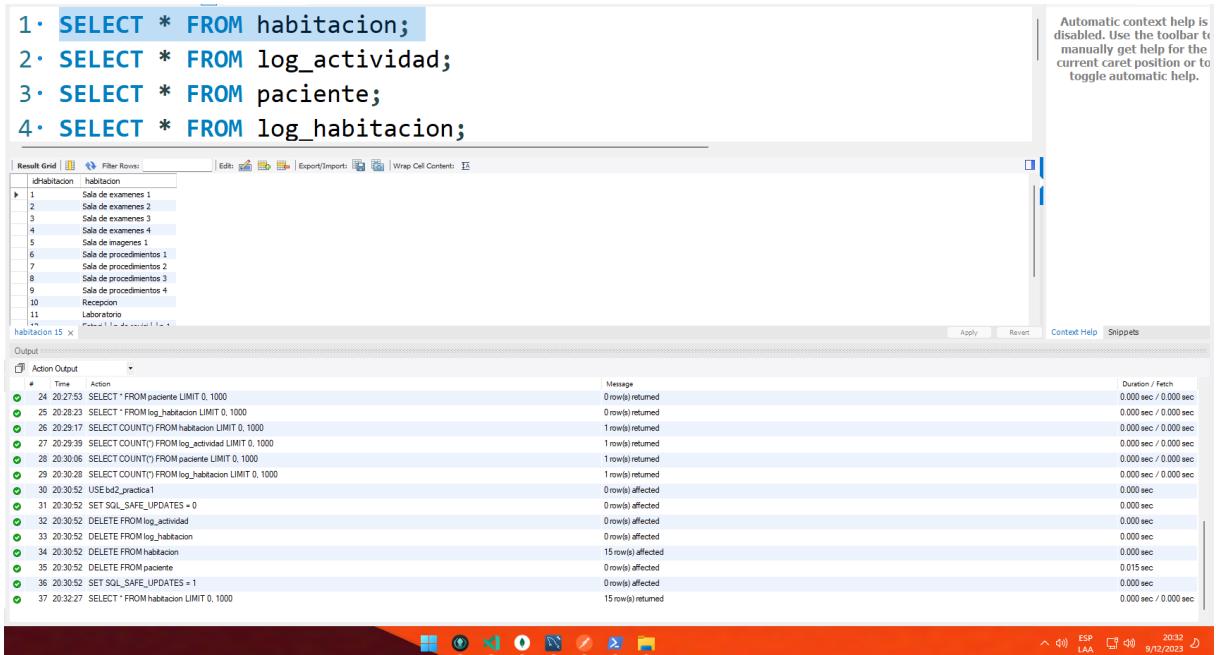
Days	Hours	Minutes	Seconds	Milliseconds	Ticks	TotalDays	TotalHours	TotalMinutes	TotalSeconds	TotalMilliseconds
: 0	: 0	: 0	: 5	: 97	: 50978675	: 5.90030960648148E-05	: 0.0014160743055556	: 0.0849644583333333	: 5.0978675	: 5097.8675

```
PS D:\UNIVERSIDAD\2023 Segundo Semestre Vacaciones\Sistemas de Bases de Datos 2\Laboratorio\BD2-Pareja4\Practical1\Backups\Completo>
```

- **SELECT * FROM cada tabla**

- **SELECT * FROM habitacion;**

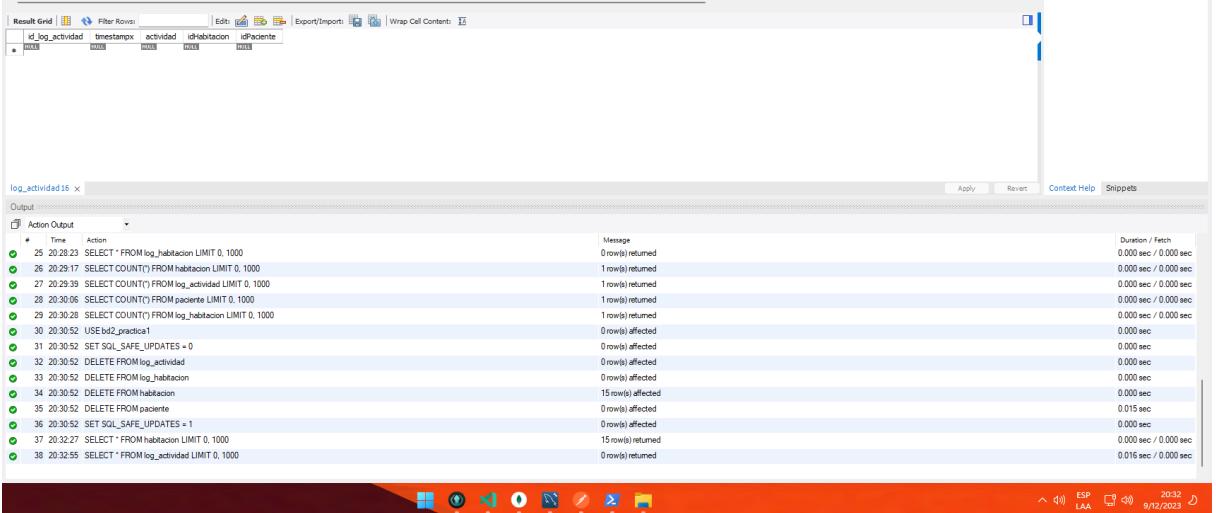
1. **SELECT * FROM habitacion;**
2. **SELECT * FROM log_actividad;**
3. **SELECT * FROM paciente;**
4. **SELECT * FROM log_habitacion;**



The screenshot shows the MySQL Workbench interface with four queries run against a database. The first query, 'SELECT * FROM habitacion;', returns 11 rows of data from the 'habitacion' table. The second query, 'SELECT * FROM log_actividad;', returns 37 rows of log activity from the 'log_habitacion' table. The third query, 'SELECT * FROM paciente;', and the fourth query, 'SELECT * FROM log_habitacion;', are listed below the first two. The interface includes a toolbar at the top, a result grid, and an output pane showing the log activity.

- **SELECT * FROM log_actividad;**

1. **SELECT * FROM habitacion;**
2. **SELECT * FROM log_actividad;**
3. **SELECT * FROM paciente;**
4. **SELECT * FROM log_habitacion;**



The screenshot shows the MySQL Workbench interface with four queries run against a database. The second query, 'SELECT * FROM log_actividad;', returns 38 rows of log activity from the 'log_actividad' table. The other three queries (1, 3, 4) are listed above it. The interface includes a toolbar at the top, a result grid, and an output pane showing the log activity.

- o `SELECT * FROM paciente;`

```
2. SELECT * FROM log_actividad;
3. SELECT * FROM paciente;
4. SELECT * FROM log_habitacion;
5. SELECT COUNT(*) FROM habitacion;
```

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

idpaciente	edad	genero
100001	49	Femenino
100002	42	Masculino
100003	8	Femenino
100004	88	Masculino
100005	23	Masculino
100006	60	Femenino
100007	49	Femenino
100008	44	Femenino
100009	55	Femenino
100010	28	Femenino
100011	5	Femenino

Action Output

#	Time	Action	Message	Duration / Fetch
26	20:29:17	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
27	20:29:39	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
28	20:30:06	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
29	20:30:28	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
30	20:30:52	USE bd2_practica1	0 row(s) affected	0.000 sec
31	20:30:52	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
32	20:30:52	DELETE FROM log_actividad	0 row(s) affected	0.000 sec
33	20:30:52	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
34	20:30:52	DELETE FROM paciente	15 row(s) affected	0.000 sec
35	20:30:52	DELETE FROM log_actividad	0 row(s) affected	0.015 sec
36	20:30:52	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
37	20:32:27	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
38	20:32:55	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
39	20:33:19	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.015 sec / 0.000 sec

- o `SELECT * FROM log_habitacion;`

```
3. SELECT * FROM paciente;
4. SELECT * FROM log_habitacion;
5. SELECT COUNT(*) FROM habitacion;
6. SELECT COUNT(*) FROM log_actividad;
```

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

timestamp	statusx	idhabitacion
2023-09-12 20:29:39	0	1
2023-09-12 20:30:06	0	2
2023-09-12 20:30:28	0	3
2023-09-12 20:30:52	0	4
2023-09-12 20:30:52	0	5
2023-09-12 20:30:52	0	6
2023-09-12 20:30:52	0	7
2023-09-12 20:30:52	0	8
2023-09-12 20:30:52	0	9
2023-09-12 20:30:52	0	10
2023-09-12 20:30:52	0	11
2023-09-12 20:30:52	0	12
2023-09-12 20:30:52	0	13
2023-09-12 20:30:52	0	14
2023-09-12 20:30:52	0	15
2023-09-12 20:30:52	0	16
2023-09-12 20:30:52	0	17
2023-09-12 20:30:52	0	18

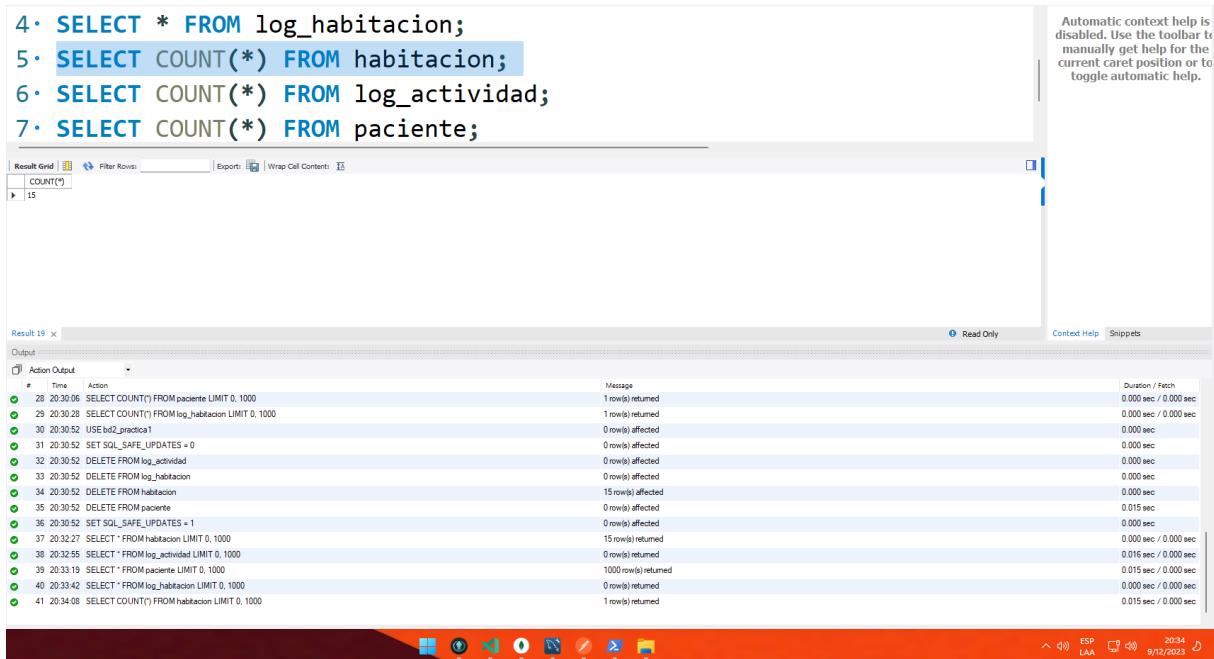
Action Output

#	Time	Action	Message	Duration / Fetch
27	20:29:39	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
28	20:30:06	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
29	20:30:28	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
30	20:30:52	USE bd2_practica1	0 row(s) affected	0.000 sec
31	20:30:52	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
32	20:30:52	DELETE FROM log_actividad	0 row(s) affected	0.000 sec
33	20:30:52	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
34	20:30:52	DELETE FROM paciente	15 row(s) affected	0.000 sec
35	20:30:52	DELETE FROM log_actividad	0 row(s) affected	0.015 sec
36	20:30:52	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
37	20:32:27	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
38	20:32:55	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
39	20:33:19	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.015 sec / 0.000 sec
40	20:33:42	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

- **SELECT COUNT(*) FROM cada tabla**

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

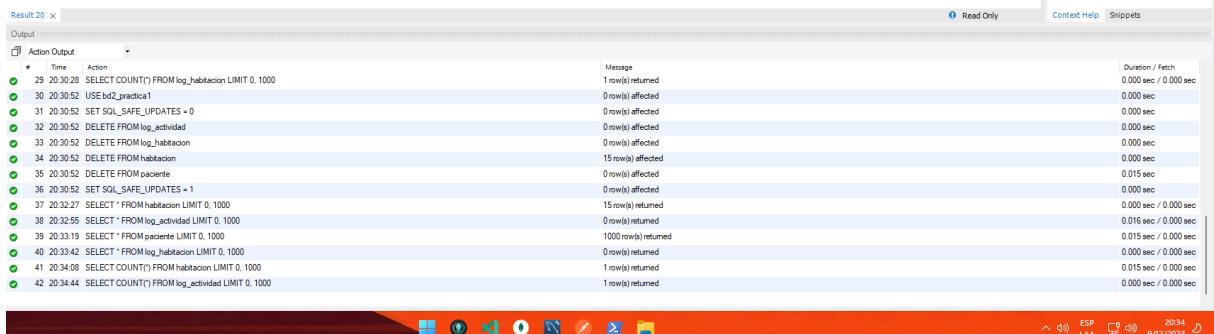
4· **SELECT * FROM log_habitacion;**
5· SELECT COUNT(*) FROM habitacion;
6· SELECT COUNT(*) FROM log_actividad;
7· SELECT COUNT(*) FROM paciente;



The screenshot shows the MySQL Workbench interface. At the top, there's a toolbar with various icons. Below it is a results grid showing the output of the executed queries. The first query is a SELECT statement on the log_habitacion table. The second query is the one we're interested in, which returns the count of rows in the habitacion table. The third and fourth queries are on log_actividad and paciente respectively. The bottom part of the interface shows a timeline of database activity with rows numbered 28 to 41, detailing actions like SELECT, DELETE, and UPDATE operations on different tables.

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

5· SELECT COUNT(*) FROM habitacion;
6· SELECT COUNT(*) FROM log_actividad;
7· SELECT COUNT(*) FROM paciente;
8· SELECT COUNT(*) FROM log_habitacion;



The screenshot shows the MySQL Workbench interface. The timeline at the bottom indicates that the last query executed was SELECT COUNT(*) from log_habitacion, which returned 0 rows. This is consistent with the fact that the log_habitacion table was previously deleted.

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

```
6· SELECT COUNT(*) FROM log_actividad;
7· SELECT COUNT(*) FROM paciente;
8· SELECT COUNT(*) FROM log_habitacion;
```

Result Grid | Filter Rows | Export | Wrap Cell Content | `COUNT(*)`

`COUNT(*)`

154184

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result 21 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
30	20:30:52	USE ed2_practica1	0 row(s) affected	0.000 sec
31	20:30:52	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
32	20:30:52	DELETE FROM log_actividad	0 row(s) affected	0.000 sec
33	20:30:52	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
34	20:30:52	DELETE FROM habitacion	15 row(s) affected	0.000 sec
35	20:30:52	DELETE FROM paciente	0 row(s) affected	0.015 sec
36	20:30:52	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
37	20:32:27	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
38	20:32:55	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
39	20:33:19	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.015 sec / 0.000 sec
40	20:33:42	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
41	20:34:00	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
42	20:34:44	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
43	20:35:06	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec

Read Only Context Help Snippets

Result 21 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
30	20:30:52	USE ed2_practica1	0 row(s) affected	0.000 sec
31	20:30:52	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
32	20:30:52	DELETE FROM log_actividad	0 row(s) affected	0.000 sec
33	20:30:52	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
34	20:30:52	DELETE FROM habitacion	15 row(s) affected	0.000 sec
35	20:30:52	DELETE FROM paciente	0 row(s) affected	0.015 sec
36	20:30:52	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
37	20:32:27	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
38	20:32:55	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
39	20:33:19	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.015 sec / 0.000 sec
40	20:33:42	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
41	20:34:00	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
42	20:34:44	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
43	20:35:06	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec

Read Only Context Help Snippets

- o `SELECT COUNT(*) FROM log_habitacion;`

```
6· SELECT COUNT(*) FROM log_actividad;
7· SELECT COUNT(*) FROM paciente;
8· SELECT COUNT(*) FROM log_habitacion;
```

Result Grid | Filter Rows | Export | Wrap Cell Content | `COUNT(*)`

`COUNT(*)`

0

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result 22 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
31	20:30:52	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
32	20:30:52	DELETE FROM log_actividad	0 row(s) affected	0.000 sec
33	20:30:52	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
34	20:30:52	DELETE FROM habitacion	15 row(s) affected	0.000 sec
35	20:30:52	DELETE FROM paciente	0 row(s) affected	0.015 sec
36	20:30:52	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
37	20:32:27	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
38	20:32:55	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
39	20:33:19	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.015 sec / 0.000 sec
40	20:33:42	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
41	20:34:00	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
42	20:34:44	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
43	20:35:06	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
44	20:35:35	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Read Only Context Help Snippets

Result 22 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
31	20:30:52	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
32	20:30:52	DELETE FROM log_actividad	0 row(s) affected	0.000 sec
33	20:30:52	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
34	20:30:52	DELETE FROM habitacion	15 row(s) affected	0.000 sec
35	20:30:52	DELETE FROM paciente	0 row(s) affected	0.015 sec
36	20:30:52	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
37	20:32:27	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
38	20:32:55	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
39	20:33:19	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.015 sec / 0.000 sec
40	20:33:42	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
41	20:34:00	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
42	20:34:44	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
43	20:35:06	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
44	20:35:35	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Read Only Context Help Snippets

Día 8:

- Eliminación de datos

```
1 • USE bd2_practica1;
2 • SET SQL_SAFE_UPDATES = 0;
3 • DELETE FROM log_actividad;
4 • DELETE FROM log_habitacion;
5 • DELETE FROM habitacion;
6 • DELETE FROM paciente;
7 • SET SQL_SAFE_UPDATES = 1;
8
```

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

The screenshot shows the MySQL Workbench interface with the 'Output' tab selected. The 'Action Output' section displays a list of 51 statements with their execution time, action, message, and duration. The statements are mostly SELECT COUNT(*) queries and DELETE operations on tables like log_actividad, log_habitacion, and paciente. The 'Duration / Fetch' column shows times ranging from 0.000 sec to 0.016 sec. The status bar at the bottom right indicates the date and time as 9/12/2023 20:36.

#	Time	Action	Message	Duration / Fetch
38	20:32:55	SELECT * FROM log_actividad LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
39	20:33:19	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.015 sec / 0.000 sec
40	20:33:42	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
41	20:34:08	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
42	20:34:44	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
43	20:35:06	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
44	20:35:35	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
45	20:36:09	USE bd2_practica1	0 row(s) affected	0.000 sec
46	20:36:09	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
47	20:36:09	DELETE FROM log_actividad	0 row(s) affected	0.000 sec
48	20:36:09	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
49	20:36:09	DELETE FROM habitacion	15 row(s) affected	0.000 sec
50	20:36:09	DELETE FROM paciente	154184 row(s) affected	1.375 sec
51	20:36:11	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec

- Restauración de full backup 3

```
PS D:\UNIVERSIDAD\2023 Segundo Semestre Vacaciones\Sistemas de Bases de Datos 2\Laboratorio\BD2-Pareja4\Practical\Backups\Completo> measure-command {cmd /c 'mysql -u root -p bd2_practica1 < backupFdia3.sql'}
```

```
Enter password: *****

Days : 0
Hours : 0
Minutes : 0
Seconds : 6
Milliseconds : 183
Ticks : 61835376
TotalDays : 7.15687222222222E-05
TotalHours : 0.0017176493333333
TotalMinutes : 0.10305896
TotalSeconds : 6.1835376
TotalMilliseconds : 6183.5376
```

```
PS D:\UNIVERSIDAD\2023 Segundo Semestre Vacaciones\Sistemas de Bases de Datos 2\Laboratorio\BD2-Pareja4\Practical\Backups\Completo>
```



- **SELECT * FROM cada tabla**

- **SELECT * FROM habitacion;**

1. **SELECT * FROM habitacion;**

2. **SELECT * FROM log_actividad;**

3. **SELECT * FROM paciente;**

4. **SELECT * FROM log_habitacion;**

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

Output

Action	Time	Action	Message	Duration / Fetch
39	20:33:19	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.015 sec / 0.000 sec
40	20:33:42	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
41	20:34:08	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
42	20:34:44	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
43	20:35:06	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
44	20:35:35	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
45	20:36:09	USE bd2_práctica1	0 row(s) affected	0.000 sec
46	20:36:09	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
47	20:36:09	DELETE FROM log_actividad	0 row(s) affected	0.000 sec
48	20:36:09	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
49	20:36:09	DELETE FROM habitacion	15 row(s) affected	0.000 sec
50	20:36:09	DELETE FROM paciente	15184 row(s) affected	1.375 sec
51	20:36:11	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
52	20:38:19	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec

- **SELECT * FROM log_actividad;**

1. **SELECT * FROM habitacion;**

2. **SELECT * FROM log_actividad;**

3. **SELECT * FROM paciente;**

4. **SELECT * FROM log_habitacion;**

id_log_actividad	timestamp	actividad	idhabitacion	idpaciente
1	5/3/2021 7:12:14 AM	Paciente inicia el registro.	10	134247
2	5/3/2021 7:13:16 AM	Paciente recibe papelera en recepción.	10	134247
3	5/3/2021 7:15:33 AM	Recepcionista establece la condición del paciente...	10	134247
4	5/3/2021 7:17:47 AM	Enfermera comienza la revisión del paciente.	10	134247
5	5/3/2021 7:19:33 AM	Revisión determinó que el paciente es tipo 2 y s...	10	134247
6	5/3/2021 7:20:34 AM	Medico inicia con el tratamiento del paciente.	10	134247
7	5/3/2021 7:21:50 AM	Medico inicia el registro.	10	135641
8	5/3/2021 7:23:01 AM	Paciente recibe papelera en recepción.	10	135641
9	5/3/2021 7:23:01 AM	Paciente recibe papelera en recepción.	10	135641
10	5/3/2021 7:23:44 AM	Paciente entra en la enfermería.	12	135641
11	5/3/2021 7:23:44 AM	Paciente entra en la enfermería.	12	135641

Output

Action	Time	Action	Message	Duration / Fetch
40	20:33:42	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
41	20:34:08	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
42	20:34:44	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
43	20:35:06	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
44	20:35:35	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
45	20:36:09	USE bd2_práctica1	0 row(s) affected	0.000 sec
46	20:36:09	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
47	20:36:09	DELETE FROM log_actividad	0 row(s) affected	0.000 sec
48	20:36:09	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
49	20:36:09	DELETE FROM habitacion	15 row(s) affected	0.000 sec
50	20:36:09	DELETE FROM paciente	15184 row(s) affected	1.375 sec
51	20:36:11	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
52	20:38:19	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
53	20:38:48	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec

- o `SELECT * FROM paciente;`

3. `SELECT * FROM paciente;`
 4. `SELECT * FROM log_habitacion;`
 5. `SELECT COUNT(*) FROM habitacion;`

idPaciente	edad	genero
100000	95	Otro
100001	46	Femenino
100002	42	Masculino
100003	8	Femenino
100004	88	Masculino
100005	23	Masculino
100006	60	Femenino
100007	49	Femenino
100008	44	Femenino
100009	55	Femenino
100010	28	Femenino

timestampx	statusx	idhabitacion

15184 row(s) affected

Message Duration / Fetch
 1row(s) returned 0.015 sec / 0.000 sec
 1row(s) returned 0.000 sec / 0.000 sec
 1row(s) returned 0.015 sec / 0.000 sec
 1row(s) returned 0.000 sec / 0.000 sec
 0row(s) affected 0.000 sec
 0row(s) affected 0.000 sec
 0row(s) affected 0.000 sec
 0row(s) affected 0.000 sec
 15 row(s) affected 0.000 sec
 15184 row(s) affected 1.375 sec
 0row(s) affected 0.000 sec
 15 row(s) returned 0.000 sec / 0.000 sec
 1000 row(s) returned 0.000 sec / 0.000 sec
 1000 row(s) returned 0.016 sec / 0.000 sec

- o `SELECT * FROM log_habitacion;`

4. `SELECT * FROM log_habitacion;`
 5. `SELECT COUNT(*) FROM habitacion;`
 6. `SELECT COUNT(*) FROM log_actividad;`

timestampx	statusx	idhabitacion

idhabitacion	timestamp	status	actividad

15184 row(s) affected

Message Duration / Fetch
 1row(s) returned 0.000 sec / 0.000 sec
 1row(s) returned 0.015 sec / 0.000 sec
 1row(s) returned 0.000 sec / 0.000 sec
 0row(s) affected 0.000 sec
 0row(s) affected 0.000 sec
 0row(s) affected 0.000 sec
 0row(s) affected 0.000 sec
 15 row(s) affected 0.000 sec
 15184 row(s) affected 1.375 sec
 0row(s) affected 0.000 sec
 15 row(s) returned 0.000 sec / 0.000 sec
 1000 row(s) returned 0.000 sec / 0.000 sec
 1000 row(s) returned 0.016 sec / 0.000 sec
 0row(s) returned 0.000 sec / 0.000 sec

- **SELECT COUNT(*) FROM cada tabla**

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

5. **SELECT COUNT(*) FROM habitacion;**
6. **SELECT COUNT(*) FROM log_actividad;**
7. **SELECT COUNT(*) FROM paciente;**

Action	Message	Duration / Fetch
43 20:35:06 SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
44 20:35:35 SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
45 20:35:09 USE db2_practica1	0 row(s) affected	0.000 sec
46 20:35:09 SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
47 20:35:09 DELETE FROM log_actividad	0 row(s) affected	0.000 sec
48 20:35:09 DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
49 20:35:09 DELETE FROM habitacion	15 row(s) affected	0.000 sec
50 20:35:09 DELETE FROM paciente	154184 row(s) affected	1.375 sec
51 20:36:11 SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
52 20:36:19 SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
53 20:36:48 SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
54 20:39:10 SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.016 sec / 0.000 sec
55 20:39:41 SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
56 20:40:04 SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
57 20:40:29 SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

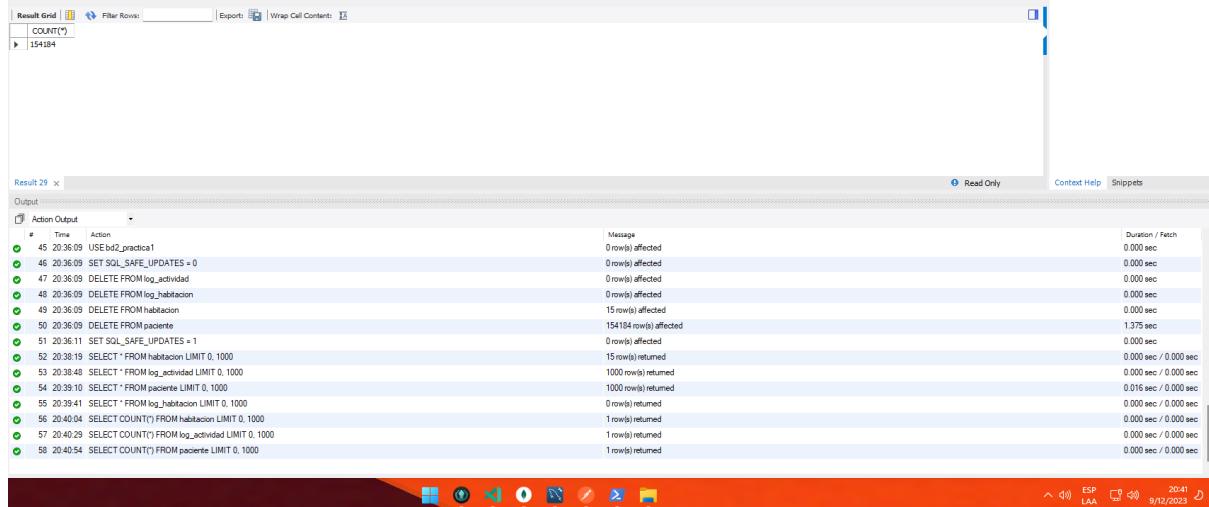
- **SELECT COUNT(*) FROM log_actividad;**

6. **SELECT COUNT(*) FROM log_actividad;**
7. **SELECT COUNT(*) FROM paciente;**
8. **SELECT COUNT(*) FROM log_habitacion;**

Action	Message	Duration / Fetch
44 20:35:35 SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
45 20:35:09 USE db2_practica1	0 row(s) affected	0.000 sec
46 20:35:09 SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
47 20:35:09 DELETE FROM log_actividad	0 row(s) affected	0.000 sec
48 20:35:09 DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
49 20:35:09 DELETE FROM habitacion	15 row(s) affected	0.000 sec
50 20:36:09 DELETE FROM paciente	154184 row(s) affected	1.375 sec
51 20:36:11 SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
52 20:36:19 SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
53 20:36:48 SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
54 20:39:10 SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.016 sec / 0.000 sec
55 20:39:41 SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
56 20:40:04 SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
57 20:40:29 SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

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

7. `SELECT COUNT(*) FROM paciente;`
 8. `SELECT COUNT(*) FROM log_habitacion;`



```
Result Grid | Filter Rows: _____ | Export: _____ | Wrap Cell Content: _____
COUNT(*) | 154184 |
```

Result 29 x

Action Output

#	Time	Action	Message	Duration / Fetch
45	20:36:09	USE b2z_practica1	0 row(s) affected	0.000 sec
46	20:36:09	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
47	20:36:09	DELETE FROM log_actividad	0 row(s) affected	0.000 sec
48	20:36:09	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
49	20:36:09	DELETE FROM habitacion	15 row(s) affected	0.000 sec
50	20:36:09	DELETE FROM paciente	154184 row(s) affected	1.375 sec
51	20:36:11	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
52	20:38:19	SELECT * FROM habitacion LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
53	20:38:48	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
54	20:39:10	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.016 sec / 0.000 sec
55	20:39:41	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
56	20:40:04	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
57	20:40:29	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
58	20:40:54	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

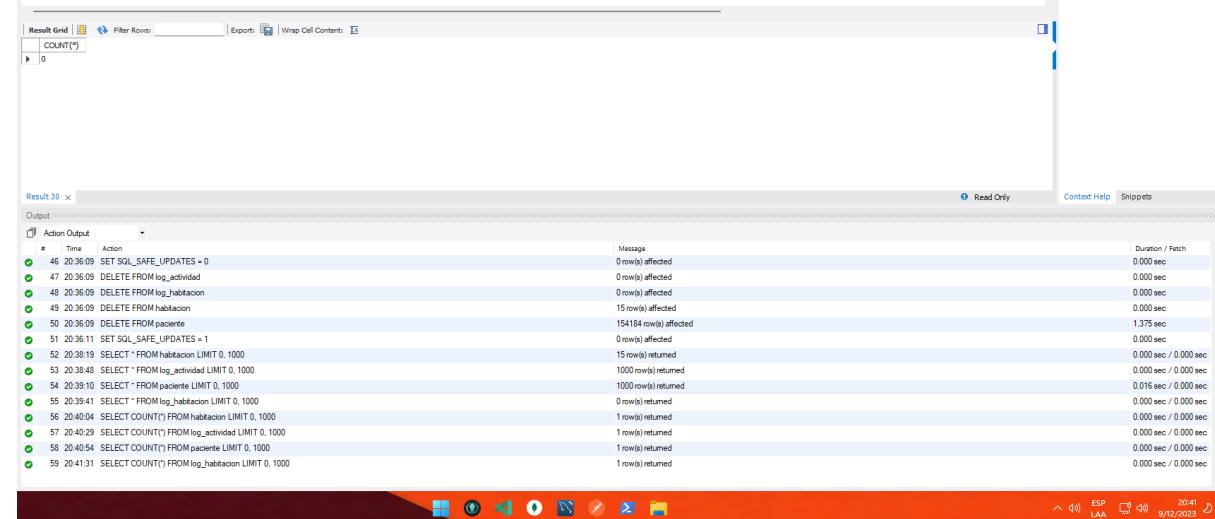
Result 29 x

Action Output

#	Time	Action	Message	Duration / Fetch
45	20:36:09	USE b2z_practica1	0 row(s) affected	0.000 sec
46	20:36:09	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
47	20:36:09	DELETE FROM log_actividad	0 row(s) affected	0.000 sec
48	20:36:09	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
49	20:36:09	DELETE FROM habitacion	15 row(s) affected	0.000 sec
50	20:36:09	DELETE FROM paciente	154184 row(s) affected	1.375 sec
51	20:36:11	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
52	20:38:19	SELECT * FROM habitacion LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
53	20:38:48	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
54	20:39:10	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.016 sec / 0.000 sec
55	20:39:41	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
56	20:40:04	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
57	20:40:29	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
58	20:40:54	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

- o `SELECT COUNT(*) FROM log_habitacion;`

8. `SELECT COUNT(*) FROM log_habitacion;`



```
Result Grid | Filter Rows: _____ | Export: _____ | Wrap Cell Content: _____
COUNT(*) | 0 |
```

Result 30 x

Action Output

#	Time	Action	Message	Duration / Fetch
46	20:36:09	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
47	20:36:09	DELETE FROM log_actividad	0 row(s) affected	0.000 sec
48	20:36:09	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
49	20:36:09	DELETE FROM habitacion	15 row(s) affected	0.000 sec
50	20:36:09	DELETE FROM paciente	154184 row(s) affected	1.375 sec
51	20:36:11	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
52	20:38:19	SELECT * FROM habitacion LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
53	20:38:48	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
54	20:39:10	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.016 sec / 0.000 sec
55	20:39:41	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
56	20:40:04	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
57	20:40:29	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
58	20:40:54	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
59	20:41:31	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Día 9:

- Eliminación de datos

The screenshot shows a MySQL Workbench interface. On the left, a script editor displays the following SQL code:

```
1 • USE bd2_practica1;
2 • SET SQL_SAFE_UPDATES = 0;
3 • DELETE FROM log_actividad;
4 • DELETE FROM log_habitacion;
5 • DELETE FROM habitacion;
6 • DELETE FROM paciente;
7 • SET SQL_SAFE_UPDATES = 1;
8
```

A context help window is open on the right, stating: "Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help." Below the script editor is a results grid titled "Output" with the following data:

#	Time	Action	Message	Duration / Fetch
53	20:38:48	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
54	20:39:10	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.016 sec / 0.000 sec
55	20:39:41	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
56	20:40:04	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
57	20:40:29	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
58	20:40:54	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
59	20:41:31	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
60	20:42:25	USE bd2_practica1	0 row(s) affected	0.000 sec
61	20:42:25	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
62	20:42:25	DELETE FROM log_actividad	33841 row(s) affected	0.453 sec
63	20:42:26	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
64	20:42:26	DELETE FROM habitacion	15 row(s) affected	0.016 sec
65	20:42:26	DELETE FROM paciente	15184 row(s) affected	1.656 sec
66	20:42:27	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec

The status bar at the bottom shows: 20:42, ESP LAA, 9/12/2023.

- Restauración de full backup 4

The screenshot shows a Windows PowerShell window titled "Administrador: Windows PowerShell". The command entered is:

```
PS D:\UNIVERSIDAD\2023 Segundo Semestre Vacaciones\Sistemas de Bases de Datos 2\Laboratorio\BD2-Pareja4\Practical\Backups\Completo> measure-command {cmd /c 'mysql -u root -p bd2_practica1 < backupFdia4.sql'}
```

The password was entered as: *****

The output shows the time taken for the command:

```
TotalSeconds : 6.1835376
TotalMilliseconds : 6183.5376
```

Then, the results of the measure-command cmdlet are displayed:

```
Enter password: *****

Days          : 0
Hours         : 0
Minutes       : 0
Seconds       : 6
Milliseconds  : 597
Ticks         : 65979605
TotalDays     : 7.63652835648148E-05
TotalHours    : 0.00183276680555556
TotalMinutes  : 0.109966008333333
TotalSeconds  : 6.5979605
TotalMilliseconds : 6597.9605
```

Finally, the prompt returns to the directory:

```
PS D:\UNIVERSIDAD\2023 Segundo Semestre Vacaciones\Sistemas de Bases de Datos 2\Laboratorio\BD2-Pareja4\Practical\Backups\Completo>
```

The status bar at the bottom shows: 20:43, ESP LAA, 9/12/2023.

- **SELECT * FROM cada tabla**

- **SELECT * FROM habitacion;**

```
1. SELECT * FROM habitacion;
2. SELECT * FROM log_actividad;
3. SELECT * FROM paciente;
4. SELECT * FROM log_habitacion;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Fetch rows: | Context Help | Snippets

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

habitacion 31 »

Action Output

#	Time	Action	Message	Duration / Fetch
54	20:39:10	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.016 sec / 0.000 sec
55	20:39:41	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
56	20:40:04	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
57	20:40:29	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
58	20:40:54	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
59	20:41:31	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
60	20:42:25	USE bd2_práctica1	0 row(s) affected	0.000 sec
61	20:42:25	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
62	20:42:25	DELETE FROM log_actividad	33841 row(s) affected	0.453 sec
63	20:42:26	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
64	20:42:26	DELETE FROM habitacion	15 row(s) affected	0.016 sec
65	20:42:26	DELETE FROM paciente	154184 row(s) affected	1.656 sec
66	20:42:27	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
67	20:43:32	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.016 sec / 0.000 sec

Output:

ESP LAA 20:43 9/12/2023

- **SELECT * FROM log_actividad;**

```
1. SELECT * FROM habitacion;
2. SELECT * FROM log_actividad;
3. SELECT * FROM paciente;
4. SELECT * FROM log_habitacion;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: | Fetch rows: | Context Help | Snippets

id_log_actividad	timestamp	actividad	idHabitacion	idPaciente
1	5/31/2021 7:12:14 AM	Paciente inicia el registro.	10	134247
2	5/31/2021 7:13:16 AM	Paciente recibe papelera en recepción.	10	134247
3	5/31/2021 7:15:54 AM	Paciente entrega papelera.	10	134247
4	5/31/2021 7:17:45 AM	Enfermera comienza la revisión del paciente...	10	134247
5	5/31/2021 7:19:23 AM	Enfermera comienza la revisión del paciente...	10	134247
6	5/31/2021 7:19:33 AM	Revisión determina que el paciente es tipo 2 y s...	10	134247
7	5/31/2021 7:20:34 AM	Medico inicia con el tratamiento del paciente.	10	134247
8	5/31/2021 7:20:50 AM	Paciente inicia el registro.	10	135641
9	5/31/2021 7:20:59 AM	Paciente recibe papelera en recepción.	10	135641
10	5/31/2021 7:20:59 AM	Paciente inicia el registro.	10	180487
11	5/31/2021 7:20:59 AM	Paciente entrega papelera.	12	135641

log_actividad 32 »

Action Output

#	Time	Action	Message	Duration / Fetch
55	20:39:41	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
56	20:40:04	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
57	20:40:29	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
58	20:40:54	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
59	20:41:31	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
60	20:42:25	USE bd2_práctica1	0 row(s) affected	0.000 sec
61	20:42:25	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
62	20:42:25	DELETE FROM log_actividad	33841 row(s) affected	0.453 sec
63	20:42:26	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
64	20:42:26	DELETE FROM habitacion	15 row(s) affected	0.016 sec
65	20:42:26	DELETE FROM paciente	154184 row(s) affected	1.656 sec
66	20:42:27	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
67	20:43:32	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.016 sec / 0.000 sec
68	20:44:05	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec

Output:

ESP LAA 20:44 9/12/2023

- o `SELECT * FROM paciente;`

2. `SELECT * FROM log_actividad;`
3. `SELECT * FROM paciente;`
4. `SELECT * FROM log_habitacion;`
5. `SELECT COUNT(*) FROM habitacion;`

The screenshot shows the MySQL Workbench interface with several tabs open. The 'Result Grid' tab displays the contents of the 'paciente' table, which includes columns 'idpaciente', 'edad', and 'genero'. The 'Output' tab shows the history of executed SQL statements, including SELECT COUNT(*) queries for 'habitacion', 'log_actividad', 'paciente', and 'log_habitacion', along with various DELETE and SET operations. The status bar at the bottom right indicates the date and time as 9/12/2023 20:44.

```

Result Grid | Filter Rows: | Edit: | Wrap Cell Content: | Fetch Rows: | Context Help | Snippets
paciente 33 ×
+-----+-----+-----+
| idpaciente | edad | genero |
+-----+-----+-----+
| 100000 | 95 | Otro |
| 100001 | 40 | Feminino |
| 100002 | 42 | Masculino |
| 100003 | 8 | Feminino |
| 100004 | 88 | Masculino |
| 100005 | 52 | Masculino |
| 100006 | 60 | Feminino |
| 100007 | 49 | Feminino |
| 100008 | 44 | Feminino |
| 100009 | 55 | Feminino |
| 100010 | 28 | Feminino |
+-----+-----+-----+
Output
Action Output
# Time Action Message Duration / Fetch
56 20:40:04 SELECT COUNT(*) FROM habitacion LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
57 20:40:29 SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
58 20:40:54 SELECT COUNT(*) FROM paciente LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
59 20:41:31 SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
60 20:42:25 USE bd2_practica1 0 row(s) affected 0.000 sec
61 20:42:25 SET SQL_SAFE_UPDATES = 0 0 row(s) affected 0.000 sec
62 20:42:25 DELETE FROM log_actividad 33841 row(s) affected 0.453 sec
63 20:42:26 DELETE FROM log_habitacion 0 row(s) affected 0.000 sec
64 20:42:26 DELETE FROM habitacion 15 row(s) affected 0.016 sec
65 20:42:26 DELETE FROM paciente 154154 row(s) affected 1.656 sec
66 20:42:27 SET SQL_SAFE_UPDATES = 1 0 row(s) affected 0.000 sec
67 20:43:32 SELECT * FROM habitacion LIMIT 0, 1000 15 row(s) returned 0.016 sec / 0.000 sec
68 20:44:05 SELECT * FROM log_actividad LIMIT 0, 1000 1000 row(s) returned 0.000 sec / 0.000 sec
69 20:44:27 SELECT * FROM paciente LIMIT 0, 1000 1000 row(s) returned 0.000 sec / 0.000 sec
    
```

- o `SELECT * FROM log_habitacion;`

3. `SELECT * FROM paciente;`
4. `SELECT * FROM log_habitacion;`
5. `SELECT COUNT(*) FROM habitacion;`
6. `SELECT COUNT(*) FROM log_actividad;`

The screenshot shows the MySQL Workbench interface with several tabs open. The 'Result Grid' tab displays the contents of the 'log_habitacion' table, which includes columns 'timestamp', 'statusx', and 'idhabitacion'. The 'Output' tab shows the history of executed SQL statements, including SELECT COUNT(*) queries for 'habitacion', 'log_actividad', 'paciente', and 'log_habitacion', along with various DELETE and SET operations. The status bar at the bottom right indicates the date and time as 9/12/2023 20:44.

```

Result Grid | Filter Rows: | Edit: | Wrap Cell Content: | Fetch Rows: | Context Help | Snippets
log_habitacion 34 ×
+-----+-----+-----+
| timestamp | statusx | idhabitacion |
+-----+-----+-----+
| NULL | NULL | NULL |
+-----+-----+-----+
Output
Action Output
# Time Action Message Duration / Fetch
57 20:40:29 SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
58 20:40:54 SELECT COUNT(*) FROM paciente LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
59 20:41:31 SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
60 20:42:25 USE bd2_practica1 0 row(s) affected 0.000 sec
61 20:42:25 SET SQL_SAFE_UPDATES = 0 0 row(s) affected 0.000 sec
62 20:42:25 DELETE FROM log_actividad 33841 row(s) affected 0.453 sec
63 20:42:26 DELETE FROM log_habitacion 0 row(s) affected 0.000 sec
64 20:42:26 DELETE FROM habitacion 15 row(s) affected 0.016 sec
65 20:42:26 DELETE FROM paciente 154154 row(s) affected 1.656 sec
66 20:42:27 SET SQL_SAFE_UPDATES = 1 0 row(s) affected 0.000 sec
67 20:43:32 SELECT * FROM habitacion LIMIT 0, 1000 15 row(s) returned 0.016 sec / 0.000 sec
68 20:44:05 SELECT * FROM log_actividad LIMIT 0, 1000 1000 row(s) returned 0.000 sec / 0.000 sec
69 20:44:27 SELECT * FROM paciente LIMIT 0, 1000 1000 row(s) returned 0.000 sec / 0.000 sec
70 20:44:50 SELECT * FROM log_habitacion LIMIT 0, 1000 0 row(s) returned 0.016 sec / 0.000 sec
    
```

- **SELECT COUNT(*) FROM cada tabla**

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

```
5· SELECT COUNT(*) FROM habitacion;
6· SELECT COUNT(*) FROM log_actividad;
7· SELECT COUNT(*) FROM paciente;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

	COUNT(*)
▶	15

manually get help for the current caret position or to toggle automatic help.

Action Output

#	Time	Action	Message	Duration / Fetch
58	20:40:54	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
59	20:41:31	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
60	20:42:25	USE db2_practica1	0 row(s) affected	0.000 sec
61	20:42:25	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
62	20:42:25	DELETE FROM log_actividad	33841 row(s) affected	0.453 sec
63	20:42:26	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
64	20:42:26	DELETE FROM habitacion	15 row(s) affected	0.016 sec
65	20:42:26	DELETE FROM paciente	154184 row(s) affected	1.656 sec
66	20:42:27	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
67	20:43:32	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.016 sec / 0.000 sec
68	20:44:05	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
69	20:44:27	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
70	20:44:53	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
71	20:45:21	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Result 35 ×

Output: Action Output

Read Only Context Help Snippets

ESP LAA 20:45 9/12/2023

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

```
5· SELECT COUNT(*) FROM habitacion;
6· SELECT COUNT(*) FROM log_actividad;
7· SELECT COUNT(*) FROM paciente;
8· SELECT COUNT(*) FROM log_habitacion;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

	COUNT(*)
▶	67684

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Action Output

#	Time	Action	Message	Duration / Fetch
59	20:41:31	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
60	20:42:25	USE db2_practica1	0 row(s) affected	0.000 sec
61	20:42:25	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
62	20:42:25	DELETE FROM log_actividad	33841 row(s) affected	0.453 sec
63	20:42:26	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
64	20:42:26	DELETE FROM habitacion	15 row(s) affected	0.016 sec
65	20:42:26	DELETE FROM paciente	154184 row(s) affected	1.656 sec
66	20:42:27	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
67	20:43:32	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.016 sec / 0.000 sec
68	20:44:05	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
69	20:44:27	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
70	20:44:53	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
71	20:45:21	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
72	20:45:40	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Result 36 ×

Output: Action Output

Read Only Context Help Snippets

ESP LAA 20:45 9/12/2023

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

7 · `SELECT COUNT(*) FROM paciente;`

8 · `SELECT COUNT(*) FROM log_habitacion;`

manually get help for the current caret position or to toggle automatic help.

- o `SELECT COUNT(*) FROM log_habitacion;`

8 · `SELECT COUNT(*) FROM log_habitacion;`

toggle automatic help.

Día 10:

- Eliminación de datos

The screenshot shows a MySQL Workbench interface. On the left, a session history lists various SQL statements and their execution details. On the right, an output log displays the results of those statements, including row counts and execution times.

Action	Time	Action	Message	Duration / Fetch
68	20:44:05	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
69	20:44:27	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
70	20:44:53	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
71	20:45:21	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
72	20:45:49	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
73	20:46:01	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
74	20:46:21	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
75	20:46:47	USE bd2_practica1	0 rows affected	0.000 sec
76	20:46:47	SET SQL_SAFE_UPDATES = 0	0 rows affected	0.000 sec
77	20:46:47	DELETE FROM log_actividad	67684 row(s) affected	0.953 sec
78	20:46:48	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
79	20:46:48	DELETE FROM habitacion	15 row(s) affected	0.031 sec
80	20:46:48	DELETE FROM paciente	154184 row(s) affected	1.859 sec
81	20:46:50	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec

- Restauración de full backup 5

The screenshot shows a Windows PowerShell window. It displays the time taken for a backup operation, the command used to measure it, and the detailed breakdown of the backup duration in days, hours, minutes, and seconds.

```
TotalSeconds      : 6.5979605
TotalMilliseconds : 6597.9605

PS D:\UNIVERSIDAD\2023 Segundo Semestre Vacaciones\Sistemas de Bases de Datos 2\Laboratorio\BD2-Pareja4\Practical1\Backups\Completo> measure-command {cmd /c 'mysql -u root -p bd2_practica1 < backupFdia5.sql'}
Enter password: *****

Days          : 0
Hours         : 0
Minutes       : 0
Seconds       : 7
Milliseconds  : 327
Ticks         : 73273830
TotalDays     : 8.48076736111111E-05
TotalHours    : 0.00203538416666667
TotalMinutes  : 0.12212305
TotalSeconds  : 7.327383
TotalMilliseconds : 7327.383

PS D:\UNIVERSIDAD\2023 Segundo Semestre Vacaciones\Sistemas de Bases de Datos 2\Laboratorio\BD2-Pareja4\Practical1\Backups\Completo>
```

- **SELECT * FROM cada tabla**

- **SELECT * FROM habitacion;**

1. **SELECT * FROM habitacion;**
2. **SELECT * FROM log_actividad;**
3. **SELECT * FROM paciente;**
4. **SELECT * FROM log_habitacion;**

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

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

Output:

Action Output

#	Time	Action	Message	Duration / Fetch
69	20:44:27	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
70	20:44:53	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
71	20:45:21	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
72	20:45:40	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
73	20:46:01	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
74	20:46:21	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
75	20:46:47	USE bd2_practica1	0 row(s) affected	0.000 sec
76	20:46:47	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
77	20:46:47	DELETE FROM log_actividad	67684 row(s) affected	0.953 sec
78	20:46:48	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
79	20:46:49	DELETE FROM paciente	15 row(s) affected	0.031 sec
80	20:46:49	DELETE FROM habitacion	154184 row(s) affected	1.859 sec
81	20:46:50	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
82	20:47:51	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec

- **SELECT * FROM log_actividad;**

2. **SELECT * FROM log_actividad;**
3. **SELECT * FROM paciente;**
4. **SELECT * FROM log_habitacion;**

manually get help for the current caret position or to toggle automatic help.

d_log_actividad	timestamp	actividad	idHabitacion	idPaciente
1	5/31/2021 7:12:14 AM	Paciente ingresa el registro.	10	134247
2	5/31/2021 7:12:16 AM	Paciente recibe papelera en recepción.	10	134247
3	5/31/2021 7:12:54 AM	Paciente entrega papelera.	10	134247
4	5/31/2021 7:16:33 AM	Recepcionista establece la condición del paciente.	10	134247
5	5/31/2021 7:17:47 AM	Enfermera comienza la revisión del paciente.	10	134247
6	5/31/2021 7:19:33 AM	Revisora determina que el paciente es tipo 2 y se le asigna un número de identificación.	10	134247
7	5/31/2021 7:21:30 AM	Paciente ingresa el tratamiento del paciente.	10	135641
8	5/31/2021 7:21:39 AM	Paciente ingresa el número de identificación.	10	135641
9	5/31/2021 7:23:01 AM	Paciente recibe papelera en recepción.	10	135641
10	5/31/2021 7:23:39 AM	Paciente ingresa el registro.	10	180487
11	5/31/2021 7:25:44 AM	Paciente entrega papelera.	12	135641

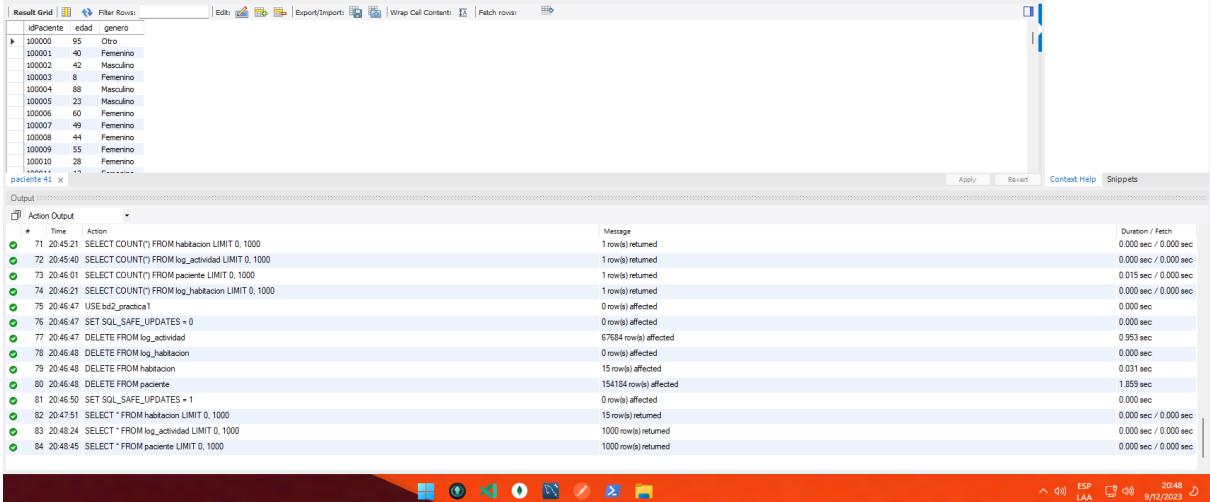
Output:

Action Output

#	Time	Action	Message	Duration / Fetch
70	20:44:53	SELECT * FROM log_habitacion LIMIT 0, 1000	0 row(s) returned	0.016 sec / 0.000 sec
71	20:45:21	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
72	20:45:40	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
73	20:46:01	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
74	20:46:21	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
75	20:46:47	USE bd2_practica1	0 row(s) affected	0.000 sec
76	20:46:47	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
77	20:46:47	DELETE FROM log_actividad	67684 row(s) affected	0.953 sec
78	20:46:48	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
79	20:46:49	DELETE FROM paciente	15 row(s) affected	0.031 sec
80	20:46:49	DELETE FROM habitacion	154184 row(s) affected	1.859 sec
81	20:46:50	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
82	20:47:51	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
83	20:48:24	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec

- o `SELECT * FROM paciente;`

3· `SELECT * FROM paciente;`
 4· `SELECT * FROM log_habitacion;`
 5· `SELECT COUNT(*) FROM habitacion;`

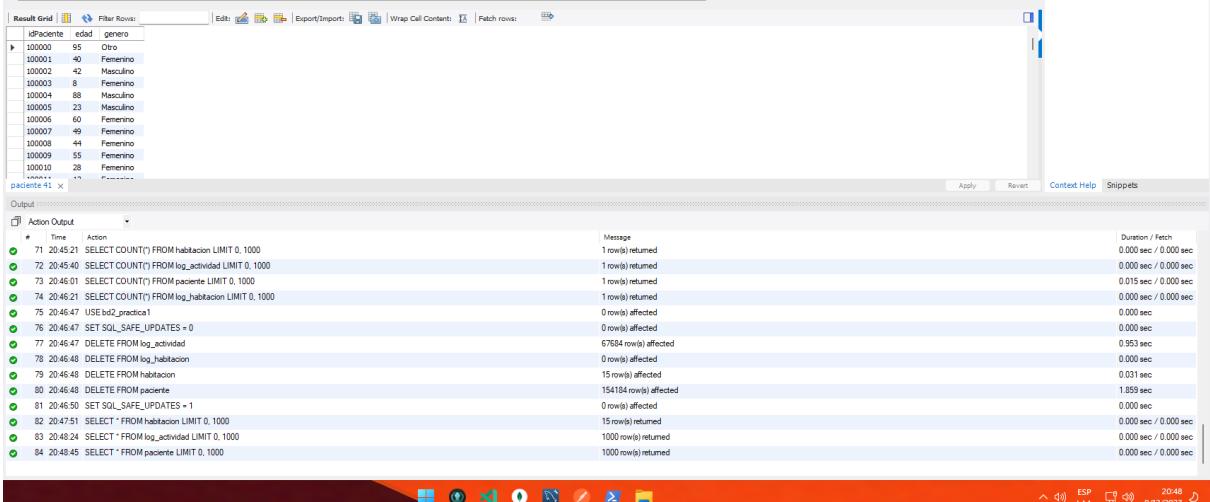


The screenshot shows the MySQL Workbench interface with the following details:

- Result Grid:**
 - paciente:** Shows columns idpaciente, edad, and genero. Data includes rows from 100000 to 100010.
 - log_habitacion:** Shows columns idhabitacion, idpaciente, and actividad. Data includes rows from 71 to 84.
 - habitacion:** Shows columns idhabitacion, nombre, and capacidad. Data includes rows from 1 to 10.
- Action Output:** Displays the execution history of the five queries. Each entry shows a timestamp, action, message, duration, and affected rows.
- Toolbar:** Includes standard MySQL Workbench icons for connecting, disconnecting, and executing queries.
- Status Bar:** Shows the date (5/12/2023), time (20:48), and session information (LAA).

- o `SELECT * FROM log_habitacion;`

3· `SELECT * FROM paciente;`
 4· `SELECT * FROM log_habitacion;`
 5· `SELECT COUNT(*) FROM habitacion;`



The screenshot shows the MySQL Workbench interface with the following details:

- Result Grid:**
 - paciente:** Shows columns idpaciente, edad, and genero. Data includes rows from 100000 to 100010.
 - log_habitacion:** Shows columns idhabitacion, idpaciente, and actividad. Data includes rows from 71 to 84.
 - habitacion:** Shows columns idhabitacion, nombre, and capacidad. Data includes rows from 1 to 10.
- Action Output:** Displays the execution history of the five queries. Each entry shows a timestamp, action, message, duration, and affected rows.
- Toolbar:** Includes standard MySQL Workbench icons for connecting, disconnecting, and executing queries.
- Status Bar:** Shows the date (5/12/2023), time (20:48), and session information (LAA).

- **SELECT COUNT(*) FROM cada tabla**

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

```
5. SELECT COUNT(*) FROM habitacion;
6. SELECT COUNT(*) FROM log_actividad;
7. SELECT COUNT(*) FROM paciente;
```

manually get help for the current caret position or to toggle automatic help.

#	Time	Action	Message	Duration / Fetch
73	20:46:01	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
74	20:46:21	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
75	20:46:47	USE bd2_practica1	0 row(s) affected	0.000 sec
76	20:46:47	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
77	20:46:47	DELETE FROM log_actividad	67684 row(s) affected	0.953 sec
78	20:46:48	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
79	20:46:48	DELETE FROM habitacion	15 row(s) affected	0.001 sec
80	20:46:48	DELETE FROM paciente	154184 row(s) affected	1.859 sec
81	20:46:50	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
82	20:47:51	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
83	20:48:24	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
84	20:48:45	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
85	20:49:10	SELECT * FROM log_habitacion LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
86	20:49:31	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

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

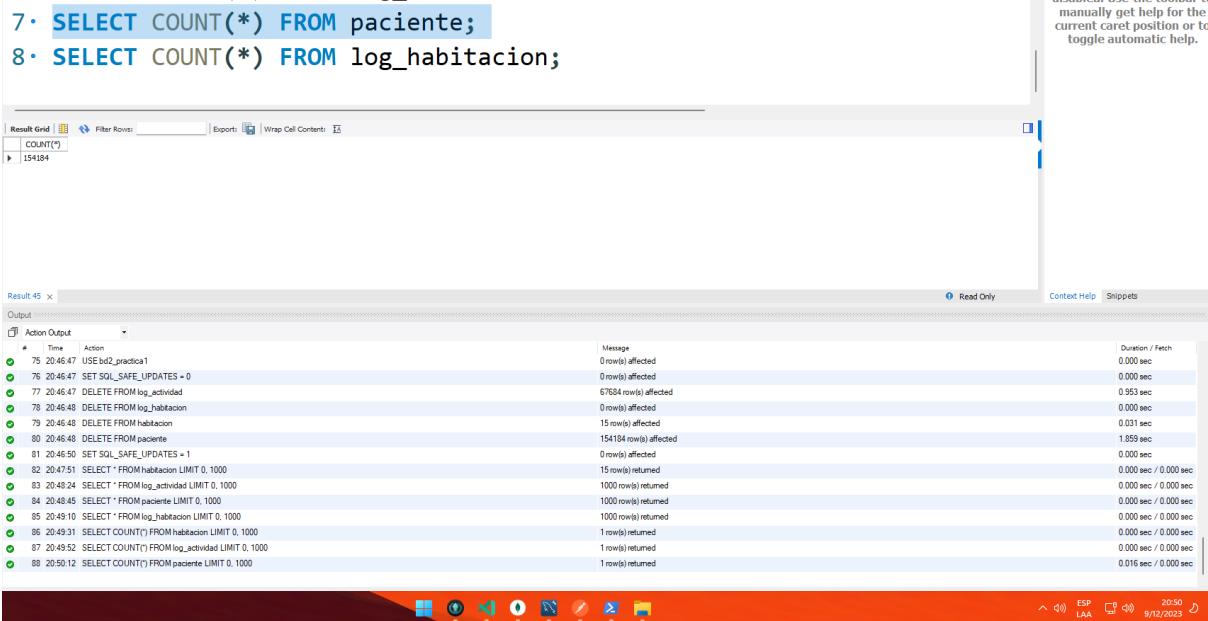
```
6. SELECT COUNT(*) FROM log_actividad;
7. SELECT COUNT(*) FROM paciente;
8. SELECT COUNT(*) FROM log_habitacion;
```

manually get help for the current caret position or to toggle automatic help.

#	Time	Action	Message	Duration / Fetch
74	20:46:21	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
75	20:46:47	USE bd2_practica1	0 row(s) affected	0.000 sec
76	20:46:47	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
77	20:46:47	DELETE FROM log_actividad	67684 row(s) affected	0.953 sec
78	20:46:48	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
79	20:46:48	DELETE FROM habitacion	15 row(s) affected	0.001 sec
80	20:46:48	DELETE FROM paciente	154184 row(s) affected	1.859 sec
81	20:46:50	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
82	20:47:51	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
83	20:48:24	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
84	20:48:45	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
85	20:49:10	SELECT * FROM log_habitacion LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
86	20:49:31	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
87	20:49:52	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

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

7. `SELECT COUNT(*) FROM paciente;`
 8. `SELECT COUNT(*) FROM log_habitacion;`



The screenshot shows the MySQL Workbench interface with two queries run in separate result grids. The first grid (Result 45) contains the following data:

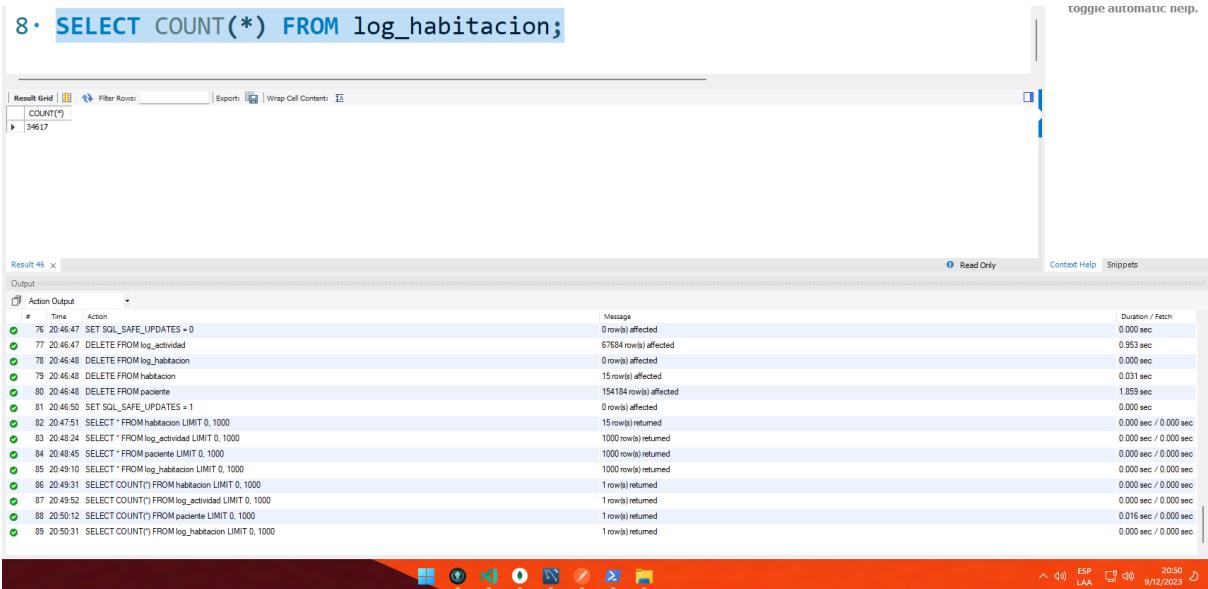
Action	Time	Action	Message	Duration / Fetch
75	20:46:47	USE bd2_practica1	0 row(s) affected	0.000 sec
76	20:46:47	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
77	20:46:47	DELETE FROM log_actividad	67684 row(s) affected	0.953 sec
78	20:46:48	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
79	20:46:48	DELETE FROM habitacion	15 row(s) affected	0.031 sec
80	20:46:48	DELETE FROM paciente	154184 row(s) affected	1.859 sec
81	20:46:50	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
82	20:47:51	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
83	20:48:24	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
84	20:48:45	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
85	20:49:10	SELECT * FROM log_habitacion LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
86	20:49:31	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
87	20:49:52	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
88	20:50:12	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec

The second grid (Result 46) contains the following data:

Action	Time	Action	Message	Duration / Fetch
76	20:46:47	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
77	20:46:47	DELETE FROM log_actividad	67684 row(s) affected	0.953 sec
78	20:46:48	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
79	20:46:48	DELETE FROM habitacion	15 row(s) affected	0.031 sec
80	20:46:48	DELETE FROM paciente	154184 row(s) affected	1.859 sec
81	20:46:50	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
82	20:47:51	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
83	20:48:24	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
84	20:48:45	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
85	20:49:10	SELECT * FROM log_habitacion LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
86	20:49:31	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
87	20:49:52	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
88	20:50:12	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
89	20:50:31	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

- o `SELECT COUNT(*) FROM log_habitacion;`

8. `SELECT COUNT(*) FROM log_habitacion;`



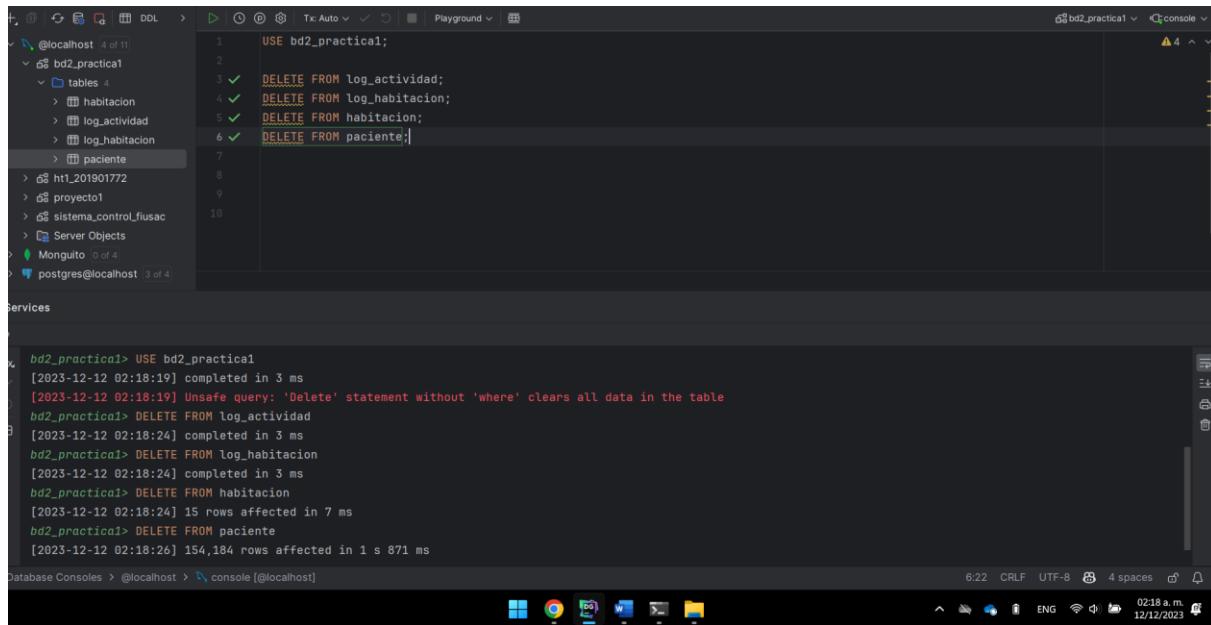
The screenshot shows the MySQL Workbench interface with a single result grid containing the following data:

Action	Time	Action	Message	Duration / Fetch
76	20:46:47	SET SQL_SAFE_UPDATES = 0	0 row(s) affected	0.000 sec
77	20:46:47	DELETE FROM log_actividad	67684 row(s) affected	0.953 sec
78	20:46:48	DELETE FROM log_habitacion	0 row(s) affected	0.000 sec
79	20:46:48	DELETE FROM habitacion	15 row(s) affected	0.031 sec
80	20:46:48	DELETE FROM paciente	154184 row(s) affected	1.859 sec
81	20:46:50	SET SQL_SAFE_UPDATES = 1	0 row(s) affected	0.000 sec
82	20:47:51	SELECT * FROM habitacion LIMIT 0, 1000	15 row(s) returned	0.000 sec / 0.000 sec
83	20:48:24	SELECT * FROM log_actividad LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
84	20:48:45	SELECT * FROM paciente LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
85	20:49:10	SELECT * FROM log_habitacion LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.000 sec
86	20:49:31	SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
87	20:49:52	SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
88	20:50:12	SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
89	20:50:31	SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Restauración de Backup Incremental

Día 11:

- Eliminación de datos



The screenshot shows a database management interface with two panes. The left pane displays a tree view of databases and tables under 'bd2_practical1'. The right pane shows a query editor with the following SQL code:

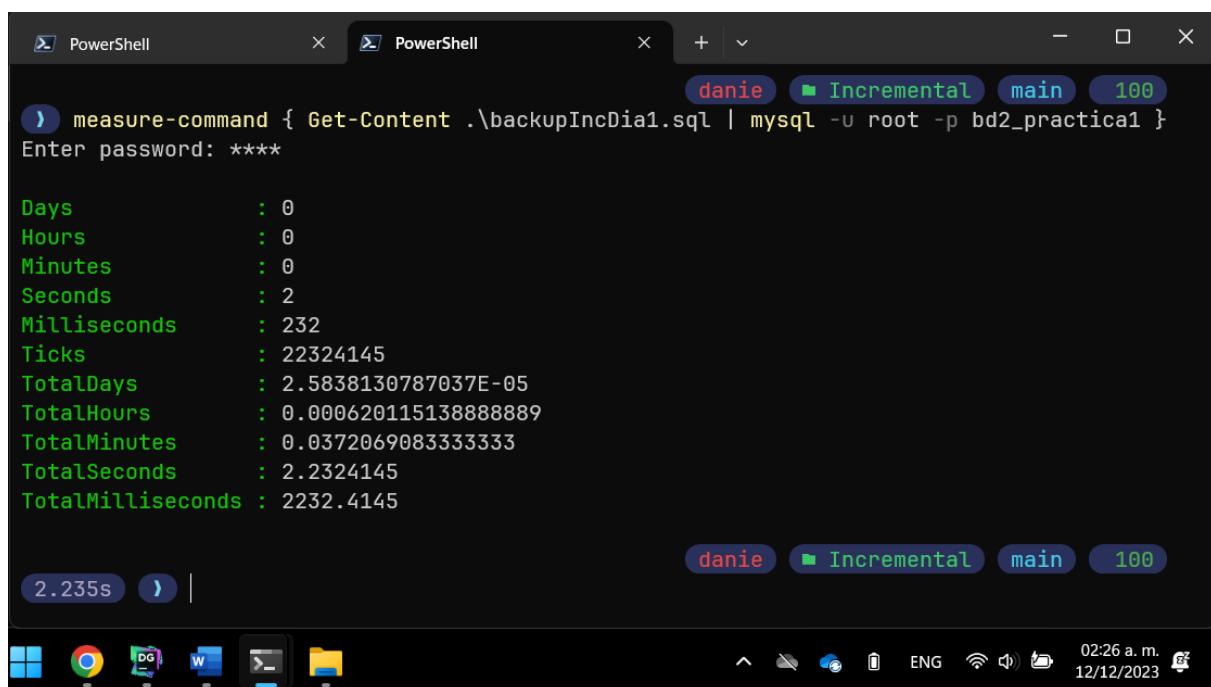
```
USE bd2_practical1;
DELETE FROM log_actividad;
DELETE FROM log_habitacion;
DELETE FROM habitacion;
DELETE FROM paciente;
```

Below the query editor is a terminal window showing the execution of these commands:

```
bd2_practical1> USE bd2_practical1
[2023-12-12 02:18:19] completed in 3 ms
[2023-12-12 02:18:19] Unsafe query: 'Delete' statement without 'where' clears all data in the table
bd2_practical1> DELETE FROM log_actividad
[2023-12-12 02:18:24] completed in 3 ms
bd2_practical1> DELETE FROM log_habitacion
[2023-12-12 02:18:24] completed in 3 ms
bd2_practical1> DELETE FROM habitacion
[2023-12-12 02:18:24] 15 rows affected in 7 ms
bd2_practical1> DELETE FROM paciente
[2023-12-12 02:18:26] 154,184 rows affected in 1 s 871 ms
```

The terminal also shows the current date and time: 12/12/2023 02:18 a.m.

- Restauración de backup incremental 1



The screenshot shows a PowerShell session with the following command:

```
measure-command { Get-Content .\backupIncDia1.sql | mysql -u root -p bd2_practical1 }
```

The command is run with a password prompt:

```
Enter password: ****
```

The output of the command is displayed below:

```
Days : 0
Hours : 0
Minutes : 0
Seconds : 2
Milliseconds : 232
Ticks : 22324145
TotalDays : 2.5838130787037E-05
TotalHours : 0.000620115138888889
TotalMinutes : 0.0372069083333333
TotalSeconds : 2.2324145
TotalMilliseconds : 2232.4145
```

The total execution time is shown as 2.235s.

The system tray at the bottom shows the date and time: 12/12/2023 02:26 a.m.

- **SELECT * FROM cada tabla**

- **SELECT FROM habitacion;**

The screenshot shows a database interface with a sidebar titled 'bd2_practical' containing a 'tables' section with '4' entries. A 'habitacion' table is selected. The main area is titled 'Output' and shows the results of the query 'SELECT * FROM habitacion;'. The results are presented in a table with one column labeled 'idHabitacion' and another column labeled 'habitacion'. The data rows are numbered from 1 to 15, listing various room types and their IDs.

idHabitacion	habitacion
1	Sala de examenes 1
2	Sala de examenes 2
3	Sala de examenes 3
4	Sala de examenes 4
5	Sala de imagenes 1
6	Sala de procedimientos 1
7	Sala de procedimientos 2
8	Sala de procedimientos 3
9	Sala de procedimientos 4
10	Recepcion
11	Laboratorio
12	Estación de revisión 1
13	Estación de revisión 2
14	Estación de revisión 3
15	Estación de revisión 4

- **SELECT * FROM log_actividad;**

The screenshot shows a database interface with a sidebar titled 'bd2_practical1' containing a 'tables' section with '4' entries. A 'log_actividad' table is selected. The main area is titled 'Output' and shows the results of the query 'SELECT * FROM log_actividad;'. The results are presented in a table with four columns: 'id_log_actividad', 'timestampx', 'actividad', 'idHabitacion', and 'idPaciente'. The table has 4 rows of data.

id_log_actividad	timestampx	actividad	idHabitacion	idPaciente
1	2023-12-12 10:00:00	Entrada	1	1
2	2023-12-12 10:15:00	Salida	1	1
3	2023-12-12 10:30:00	Entrada	2	2
4	2023-12-12 10:45:00	Salida	2	2

- o `SELECT * FROM paciente;`

The screenshot shows a database console interface with the following details:

- SQL Editor:** Contains three queries:
 - 8 | `SELECT * FROM habitacion;`
 - 9 | `SELECT * FROM log_actividad;`
 - 10 ✓ | `SELECT * FROM paciente;`
- Output:** Shows the results for the `paciente` query, which has 0 rows.
- Table Headers:** `idPaciente`, `edad`, `genero`.
- System Status:** Top right shows 10:24, CRLF, UTF-8, 4 spaces, and a battery icon.
- Taskbar:** Bottom shows various application icons.
- System Icons:** Bottom right shows network, battery, and system status icons.

- o `SELECT * FROM log_habitacion;`

The screenshot shows a database console interface with the following details:

- SQL Editor:** Contains one query:
 - 11 ✓ | `SELECT * FROM log_habitacion;`
- Output:** Shows the results for the `log_habitacion` query, which has 0 rows.
- Table Headers:** `timestampx`, `statusx`, `idHabitacion`.
- System Status:** Top right shows 11:30, CRLF, UTF-8, 4 spaces, and a battery icon.
- Taskbar:** Bottom shows various application icons.
- System Icons:** Bottom right shows network, battery, and system status icons.

- **SELECT COUNT(*) FROM cada tabla**

- o SELECT COUNT(*) FROM habitacion;

- SELECT COUNT(*) FROM log_actividad;

- SELECT COUNT(*) FROM paciente;

- SELECT COUNT(*) FROM log_habitacion;

The screenshot shows a MySQL command-line interface. The query `SELECT COUNT(*) FROM log_habitacion;` has been run, and the result is displayed in a table:

	COUNT(*)
1	0

The interface includes tabs for Output, COUNT(*).int, and JSON. The status bar at the bottom shows the time as 16:37 and the date as 12/12/2023.

Día 12:

- Restauración de backup incremental 2

The screenshot shows a Windows desktop with two PowerShell windows open. The first window displays the command:

```
2.235s ⏺ measure-command { Get-Content .\backupIncDia2.sql | mysql -u root -p bd2_practical }
```

Followed by the prompt:

```
Enter password: ****
```

Below the command, the output of the `measure-command` cmdlet is shown:

```
Days : 0
Hours : 0
Minutes : 0
Seconds : 7
Milliseconds : 111
Ticks : 71113651
TotalDays : 8.23074664351852E-05
TotalHours : 0.0019753791944444
TotalMinutes : 0.0118522751666667
TotalSeconds : 7.1113651
TotalMilliseconds : 7111.3651
```

The second PowerShell window shows the same command and output, with the timestamp 7.124s.

The taskbar at the bottom includes icons for File Explorer, Task View, and other system applications. The system tray shows the date as 12/12/2023 and the time as 02:44 a.m.

- **SELECT * FROM cada tabla**

- **SELECT * FROM habitacion;**

The screenshot shows the DBeaver interface with the following details:

- Top Bar:** Shows a green checkmark icon and the query `SELECT * FROM habitacion;`.
- Services:** A tree view showing `tables` (4) and `habitacion`.
- Output Tab:** Shows the results of the query in a table format. The table has two columns: `idHabitacion` and `habitacion`. The data rows are numbered 1 to 15 and list various room types.
- Bottom Status Bar:** Shows the date and time: 8:26 CRLF UTF-8 4 spaces 02:50 a.m. 12/12/2023.

	habitacion
1	1 Sala de examenes 1
2	2 Sala de examenes 2
3	3 Sala de examenes 3
4	4 Sala de examenes 4
5	5 Sala de imagenes 1
6	6 Sala de procedimientos 1
7	7 Sala de procedimientos 2
8	8 Sala de procedimientos 3
9	9 Sala de procedimientos 4
10	10 Recepcion
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_actividad;**

The screenshot shows the DBeaver interface with the following details:

- Top Bar:** Shows a green checkmark icon and the query `SELECT * FROM log_actividad;`.
- Services:** A tree view showing `@localhost` (4 of 11), `bd2_practica1`, `tables` (4), and `habitacion`.
- Output Tab:** Shows the results of the query in a table format. The table has four columns: `id_log_actividad`, `timestampx`, `actividad`, and `idHabitacion` (with a tooltip for `idPaciente`).
- Bottom Status Bar:** Shows the date and time: 9:29 CRLF UTF-8 4 spaces 02:51 a.m. 12/12/2023.

- o `SELECT * FROM paciente;`

The screenshot shows a database interface with a sidebar for services and a main area for queries and results.

Queries:

```
9   SELECT * FROM log_actividad;
10  ✓  SELECT * FROM paciente;
11   SELECT * FROM log_habitacion;
```

Output:

	idPaciente	edad	genero
1	100000	95	Otro
2	100001	40	Femenino
3	100002	42	Masculino
4	100003	8	Femenino
5	100004	88	Masculino
6	100005	23	Masculino
7	100006	60	Femenino
8	100007	49	Femenino
9	100008	44	Femenino
10	100009	55	Femenino
11	100010	28	Femenino
12	100011	13	Femenino
13	100012	62	Masculino
14	100013	32	Masculino
15	100014	11	Masculino
16	100015	50	Femenino

- o `SELECT * FROM log_habitacion;`

The screenshot shows a database interface with a sidebar for services and a main area for queries and results.

Queries:

```
10  ✓  SELECT * FROM paciente;
11  ✓  SELECT * FROM log_habitacion;
```

Output:

	timestampx	statusx	idHabitacion
0			

- **SELECT COUNT(*) FROM cada tabla**

- o SELECT COUNT(*) FROM habitacion;

```
postgres@localhost:3 of 4
13 ✓ SELECT COUNT(*) FROM habitacion;
14 SELECT COUNT(*) FROM log_actividad;
15 SELECT COUNT(*) FROM paciente;
16 SELECT COUNT(*) FROM log_habitacion;

services

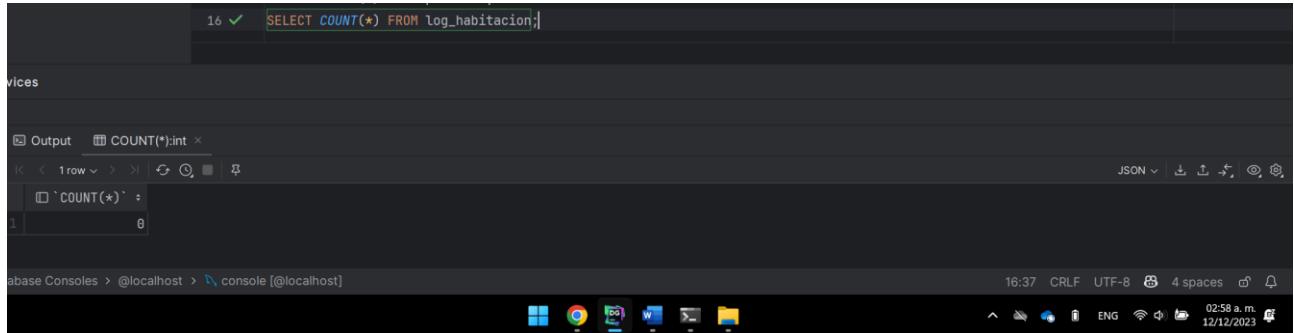
Output COUNT(*):int ×
< < 1 row > > JSON
COUNT(*) :
1 15

database Consoles > @localhost > console @localhost 13:33 CRLF UTF-8 4 spaces ⌂ 02:55 a.m. 12/12/2023
```

- SELECT COUNT(*) FROM log_actividad;

- SELECT COUNT(*) FROM paciente;

- SELECT COUNT(*) FROM log_habitacion;

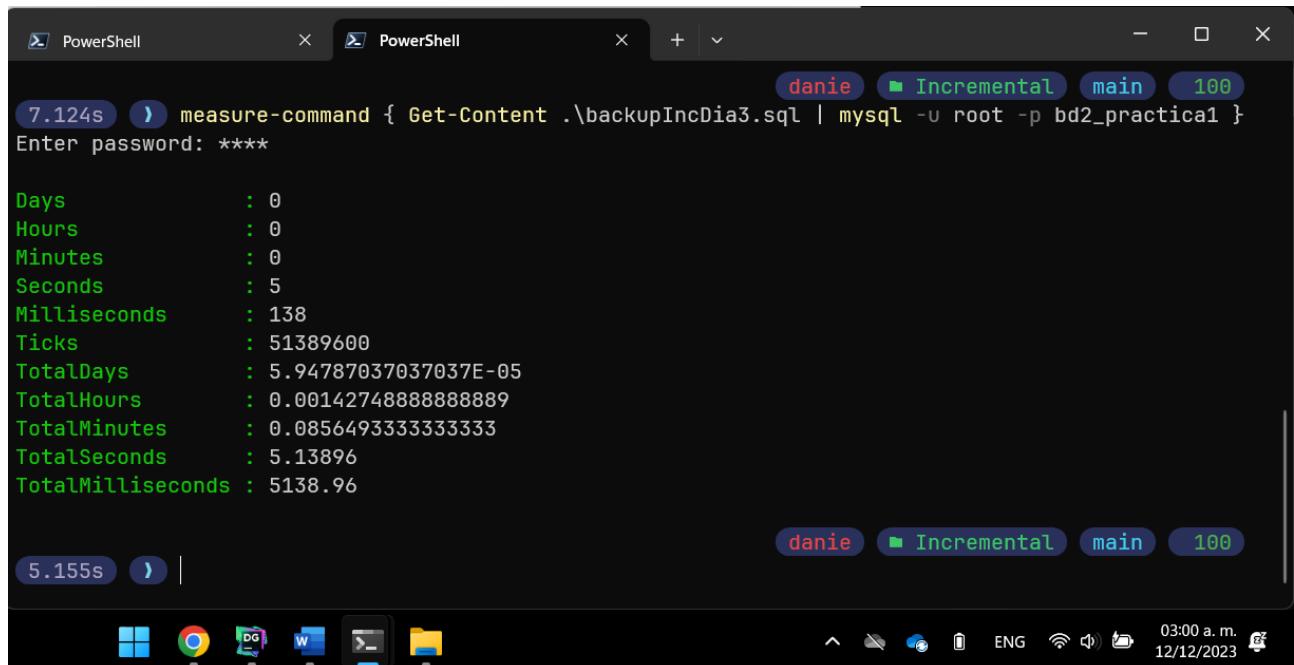


A screenshot of a MySQL command-line interface. The query `SELECT COUNT(*) FROM log_habitacion;` is run, resulting in a single row with a value of 0. The interface includes a top bar with file and edit options, a main area for queries and results, and a bottom status bar showing the time and date.

```
16 ✓ | SELECT COUNT(*) FROM log_habitacion; |
| COUNT(*):int × |
| 1 | 0 |
|-----|
Database Consoles > @localhost > console [@localhost] | 16:37 CRLF UTF-8 10 4 spaces ⌂ 02:58 a.m. 12/12/2023
```

Día 13:

- Restauración de backup incremental 3



A screenshot of a PowerShell session. The command `measure-command { Get-Content .\backupIncDia3.sql | mysql -u root -p bd2_practica1 }` is run, followed by entering a password. The output shows the execution time and detailed timing information for each component of the command.

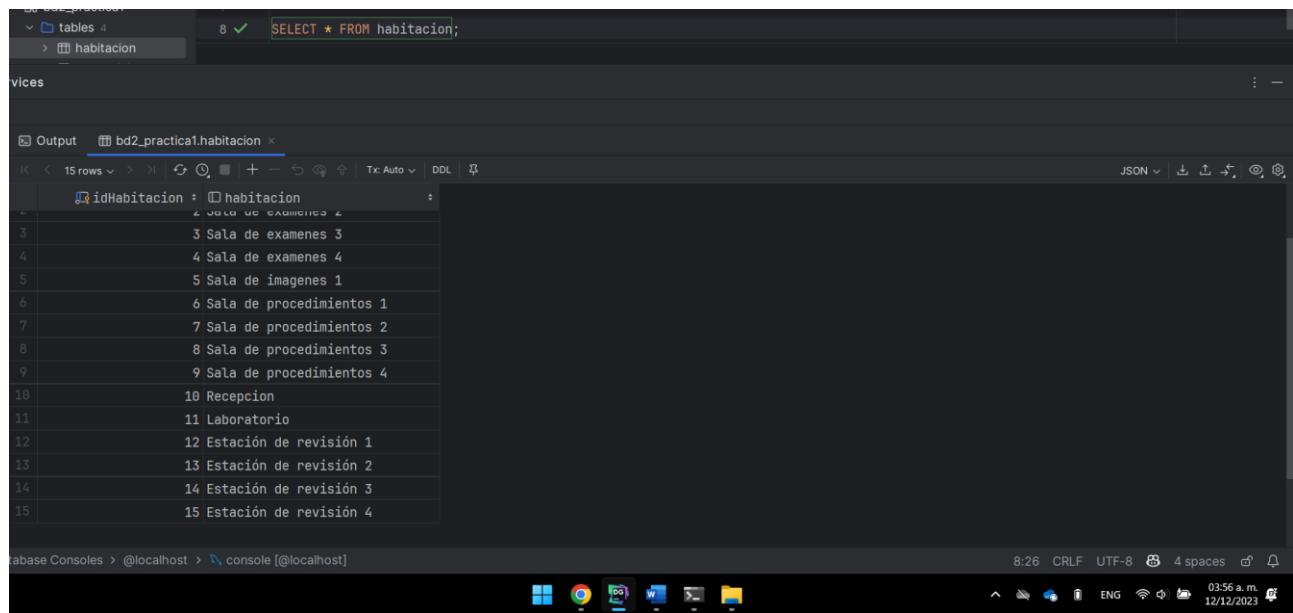
```
danie └─ Incremental └─ main └─ 100
7.124s ( ) measure-command { Get-Content .\backupIncDia3.sql | mysql -u root -p bd2_practica1 }
Enter password: ****

Days : 0
Hours : 0
Minutes : 0
Seconds : 5
Milliseconds : 138
Ticks : 51389600
TotalDays : 5.94787037037037E-05
TotalHours : 0.0014274888888889
TotalMinutes : 0.0856493333333333
TotalSeconds : 5.13896
TotalMilliseconds : 5138.96

5.155s ( ) |
```

- **SELECT * FROM cada tabla**

- **SELECT * FROM habitacion;**

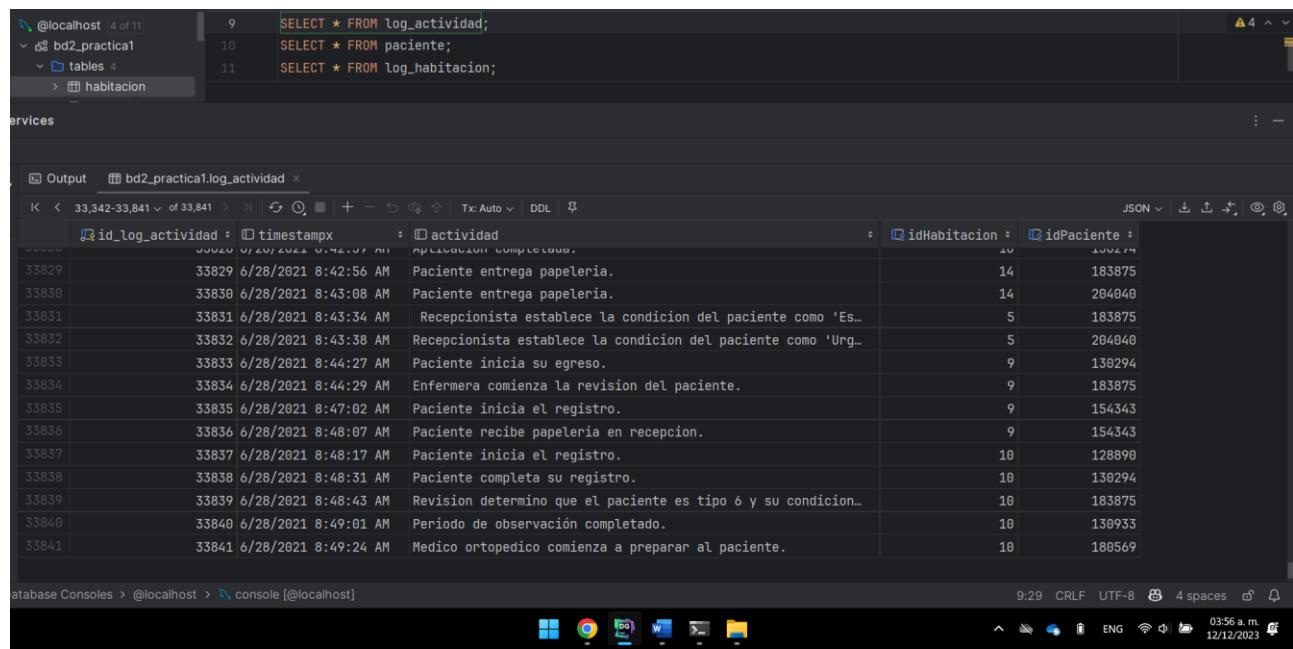


The screenshot shows a MySQL Workbench interface. The top bar has a green checkmark icon and the text "SELECT * FROM habitacion;". The left sidebar shows a tree view with "Tables 4" expanded, showing "habitacion" selected. The main area is titled "Output" and displays the results of the query:

	idHabitacion	habitacion
1	1	Sala de examenes 2
2	2	Sala de examenes 3
3	3	Sala de examenes 4
4	4	Sala de imagenes 1
5	5	Sala de procedimientos 1
6	6	Sala de procedimientos 2
7	7	Sala de procedimientos 3
8	8	Sala de procedimientos 4
9	9	Sala de procedimientos 4
10	10	Recepcion
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

The bottom status bar shows "Database Consoles > @localhost > console[@localhost]" and system information like "8:26 CRLF UTF-8 ENG 03:56 a.m. 12/12/2023".

- **SELECT * FROM log_actividad;**



The screenshot shows a MySQL Workbench interface. The top bar has a green checkmark icon and the text "SELECT * FROM log_actividad;". The left sidebar shows a tree view with "Tables 4" expanded, showing "log_actividad" selected. The main area is titled "Output" and displays the results of the query:

	id_log_actividad	timestamp	actividad	idHabitacion	idPaciente
33829	33829	6/28/2021 8:42:56 AM	Paciente entrega papeleria.	14	183875
33830	33830	6/28/2021 8:43:08 AM	Paciente entrega papeleria.	14	204040
33831	33831	6/28/2021 8:43:34 AM	Recepcionista establece la condicion del paciente como 'Es...	5	183875
33832	33832	6/28/2021 8:43:38 AM	Recepcionista establece la condicion del paciente como 'Urg...	5	204040
33833	33833	6/28/2021 8:44:27 AM	Paciente inicia su egreso.	9	130294
33834	33834	6/28/2021 8:44:29 AM	Enfermera comienza la revision del paciente.	9	183875
33835	33835	6/28/2021 8:47:02 AM	Paciente inicia el registro.	9	154343
33836	33836	6/28/2021 8:48:07 AM	Paciente recibe papeleria en recepcion.	9	154343
33837	33837	6/28/2021 8:48:17 AM	Paciente inicia el registro.	10	128899
33838	33838	6/28/2021 8:48:31 AM	Paciente completa su registro.	10	130294
33839	33839	6/28/2021 8:48:43 AM	Revision determino que el paciente es tipo 6 y su condicion...	10	183875
33840	33840	6/28/2021 8:49:01 AM	Periodo de observación completado.	10	130933
33841	33841	6/28/2021 8:49:24 AM	Medico ortopedico comienza a preparar al paciente.	10	180569

The bottom status bar shows "Database Consoles > @localhost > console[@localhost]" and system information like "9:29 CRLF UTF-8 ENG 03:56 a.m. 12/12/2023".

- o `SELECT * FROM paciente;`

The screenshot shows the MySQL Workbench interface. In the top-left pane, there's a tree view with a node for 'bd2_practica1' expanded, showing 'tables' and 'habitacion'. Below the tree, a code editor window displays the following SQL query:

```
9    SELECT * FROM log_actividad;
10   SELECT * FROM paciente;
11   SELECT * FROM log_habitacion;
```

The number '9' is highlighted in yellow above the first line of the query. The number '10' is highlighted in green above the second line. The number '11' is highlighted in blue above the third line.

In the bottom-left pane, there's a table titled 'Output' for the 'paciente' table. The table has three columns: 'idPaciente', 'edad', and 'genero'. The data is as follows:

idPaciente	edad	genero
154170	254170	Masculino
154172	254171	18 Femenino
154173	254172	51 Femenino
154174	254173	37 Masculino
154175	254174	10 Masculino
154176	254175	13 Masculino
154177	254176	88 Femenino
154178	254177	41 Femenino
154179	254178	5 Masculino
154180	254179	56 Masculino
154181	254180	43 Femenino
154182	254181	14 Masculino
154183	254182	38 Femenino
154184	254183	13 Masculino

The status bar at the bottom indicates the connection is to '@localhost' and the current time is '10:24 CRLF UTF-8 4 spaces'. The system tray shows icons for battery, signal, and date/time '03:57 a.m. 12/12/2023'.

- o `SELECT * FROM log_habitacion;`

The screenshot shows the MySQL Workbench interface. In the top-left pane, there's a tree view with a node for 'bd2_practica1' expanded, showing 'tables' and 'habitacion'. Below the tree, a code editor window displays the following SQL query:

```
11 ✓   SELECT * FROM log_habitacion;
```

The number '11' is highlighted in green above the first line of the query.

In the bottom-left pane, there's a table titled 'Output' for the 'log_habitacion' table. The table has three columns: 'timestampx', 'statusx', and 'idHabitacion'. The data is as follows:

timestampx	statusx	idHabitacion

The status bar at the bottom indicates the connection is to '@localhost' and the current time is '11:30 CRLF UTF-8 4 spaces'. The system tray shows icons for battery, signal, and date/time '03:59 a.m. 12/12/2023'.

- **SELECT COUNT(*) FROM cada tabla**

- `SELECT COUNT(*) FROM habitacion;`

The screenshot shows a database console interface with two queries executed:

```
13 ✓ | SELECT COUNT(*) FROM habitacion;
14 | SELECT COUNT(*) FROM log_actividad;
```

The results are displayed in a table:

	COUNT(*)
1	15

Below the table, the status bar shows: Database Consoles > @localhost > console [@localhost] 13:33 CRLF UTF-8 4 spaces 04:02 a.m. 12/12/2023

- `SELECT COUNT(*) FROM log_actividad;`

The screenshot shows a database console interface with one query executed:

```
14 ✓ | SELECT COUNT(*) FROM log_actividad;
```

The results are displayed in a table:

	COUNT(*)
1	33841

Below the table, the status bar shows: Database Consoles > @localhost > console [@localhost] 14:36 CRLF UTF-8 4 spaces 04:03 a.m. 12/12/2023

o SELECT COUNT(*) FROM paciente;

The screenshot shows a PostgreSQL database console interface. At the top, there are two tabs: 'Monguito' (selected) and 'postgres@localhost'. Below the tabs, the command line shows two queries:

```
15 ✓ SELECT COUNT(*) FROM paciente;
16 SELECT COUNT(*) FROM log_habitacion;
```

The results are displayed in a table under the 'Services' section. The first query, 'SELECT COUNT(*) FROM paciente;', has one row with the value 154184. The second query, 'SELECT COUNT(*) FROM log_habitacion;', has one row with the value 0.

	COUNT(*)
1	154184

At the bottom of the interface, there is a toolbar with various icons and status information: Database Consoles > @localhost > console [@localhost], 15:31, CRLF, UTF-8, 4 spaces, 04:03 a.m., 12/12/2023.

o SELECT COUNT(*) FROM log_habitacion;

The screenshot shows a PostgreSQL database console interface. At the top, there are two tabs: 'postgres@localhost' (selected) and 'Monguito'. Below the tabs, the command line shows the query:

```
16 ✓ SELECT COUNT(*) FROM log_habitacion;
```

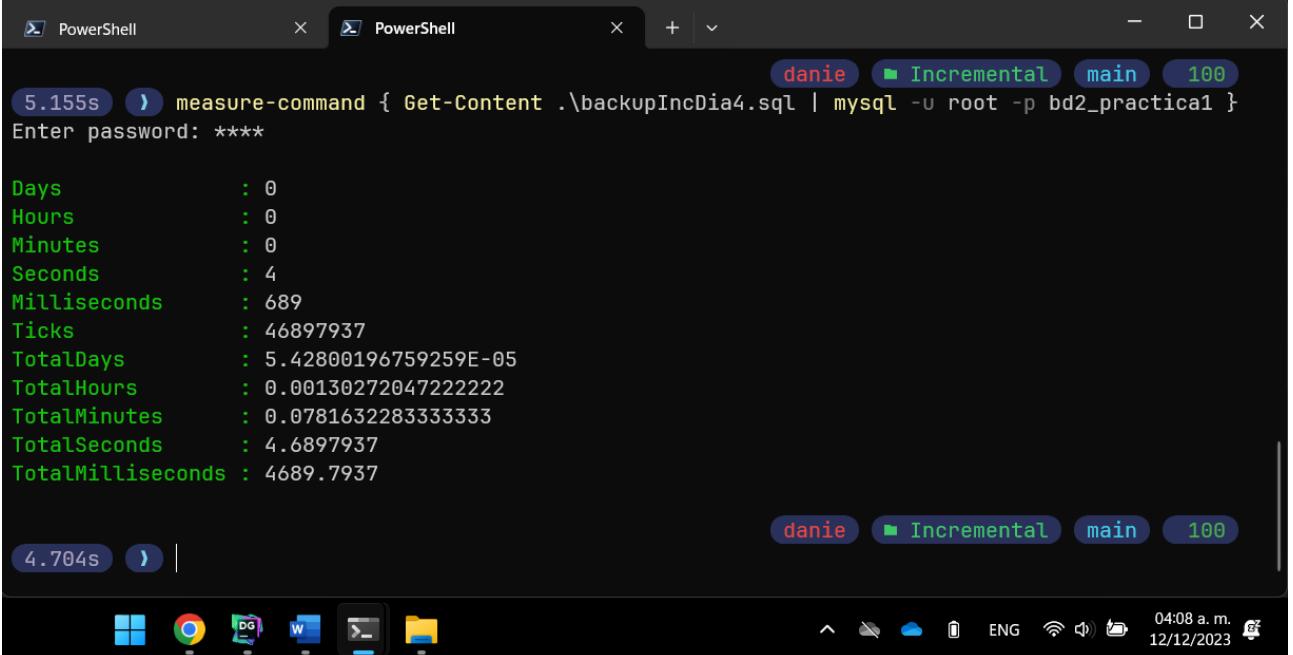
The results are displayed in a table under the 'Services' section. The query has one row with the value 0.

	COUNT(*)
1	0

At the bottom of the interface, there is a toolbar with various icons and status information: Database Consoles > @localhost > console [@localhost], 16:37, CRLF, UTF-8, 4 spaces, 04:05 a.m., 12/12/2023.

Día 14:

- Restauración de backup incremental 4



```
PowerShell      PowerShell
danie  Incremental main  100
5.155s  measure-command { Get-Content .\backupIncDia4.sql | mysql -u root -p bd2_practical }
Enter password: ****

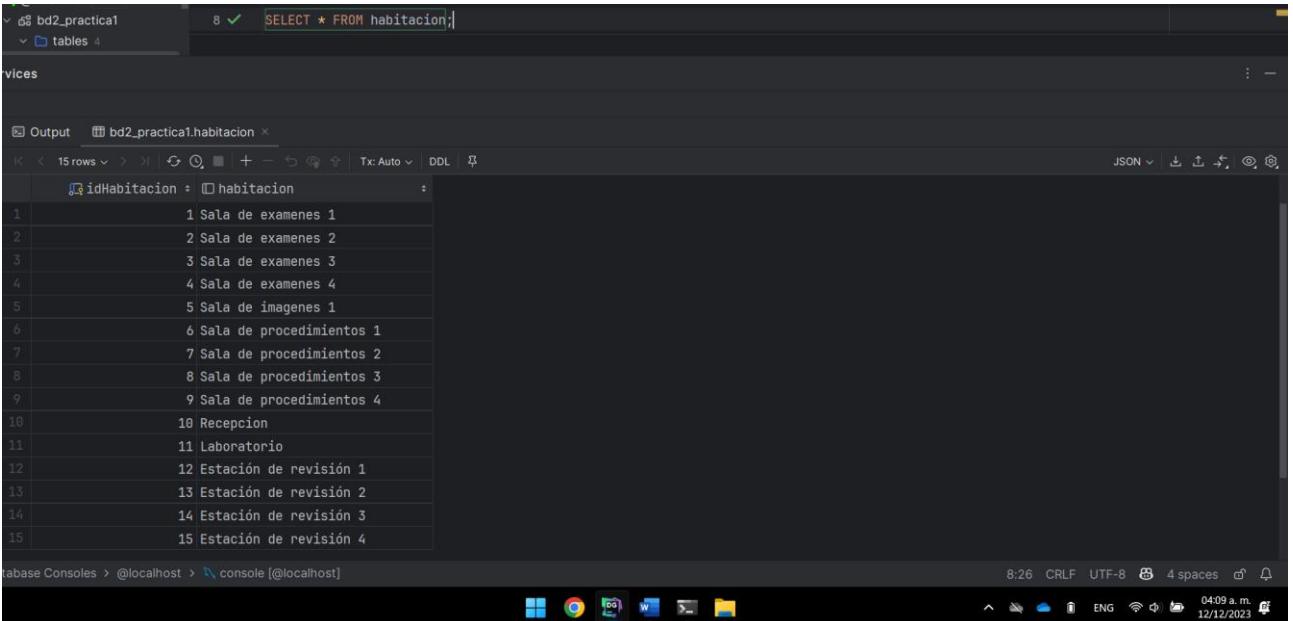
Days : 0
Hours : 0
Minutes : 0
Seconds : 4
Milliseconds : 689
Ticks : 46897937
TotalDays : 5.42800196759259E-05
TotalHours : 0.0013027204722222
TotalMinutes : 0.0781632283333333
TotalSeconds : 4.6897937
TotalMilliseconds : 4689.7937

danie  Incremental main  100
4.704s  |
```

The screenshot shows a Windows desktop environment with two PowerShell windows open. The taskbar at the bottom includes icons for File Explorer, Task View, Start, Taskbar settings, and system status indicators like battery level, signal strength, and volume. The system status bar at the bottom right shows the date and time as 04:08 a.m. 12/12/2023.

- **SELECT * FROM cada tabla**

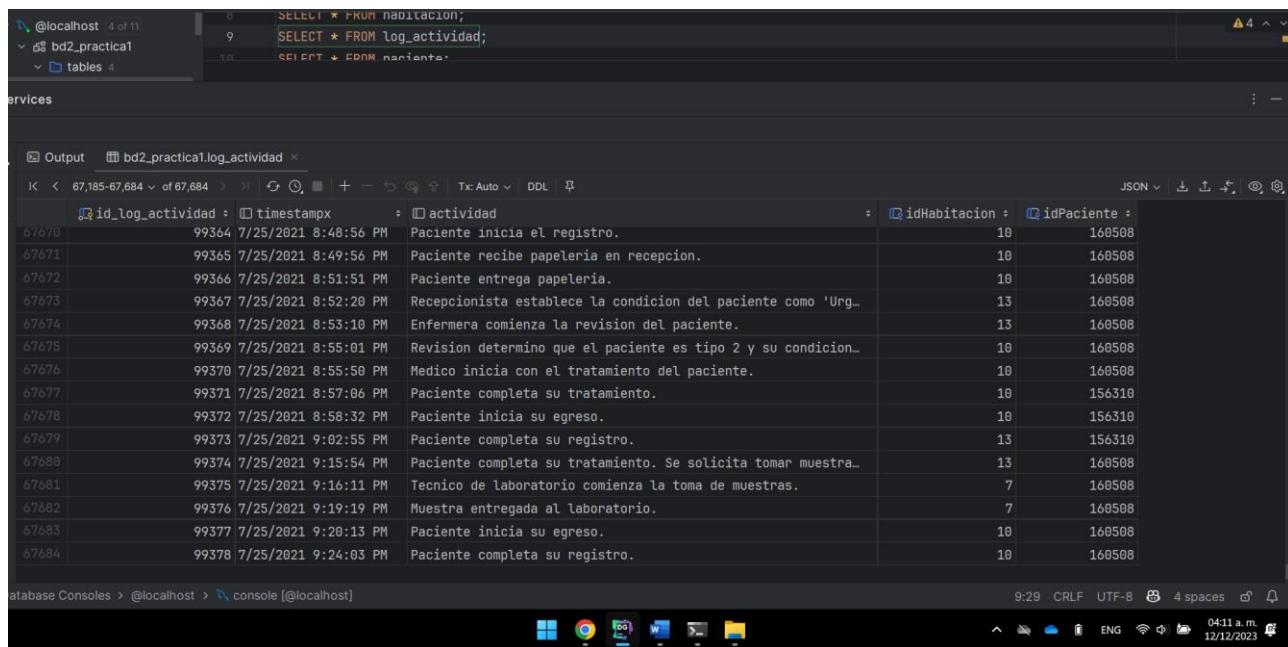
- `SELECT * FROM habitacion;`



The screenshot shows the MySQL Workbench interface. The left sidebar displays the database structure: 'bd2_practical' is selected, and under 'tables', there are 4 tables. The main area shows the results of a query: 'SELECT * FROM habitacion;'. The results grid has 15 rows, each containing an 'idHabitacion' and a corresponding room name. The bottom status bar shows the connection details: 'Database Consoles > @localhost > console [<@localhost>]' and the system status bar shows the date and time as 04:09 a.m. 12/12/2023.

	idHabitacion	habitacion
1	1	Sala de examenes 1
2	2	Sala de examenes 2
3	3	Sala de examenes 3
4	4	Sala de examenes 4
5	5	Sala de imagenes 1
6	6	Sala de procedimientos 1
7	7	Sala de procedimientos 2
8	8	Sala de procedimientos 3
9	9	Sala de procedimientos 4
10	10	Repcion
11	11	Laboratorio
12	12	Estacion de revision 1
13	13	Estacion de revision 2
14	14	Estacion de revision 3
15	15	Estacion de revision 4

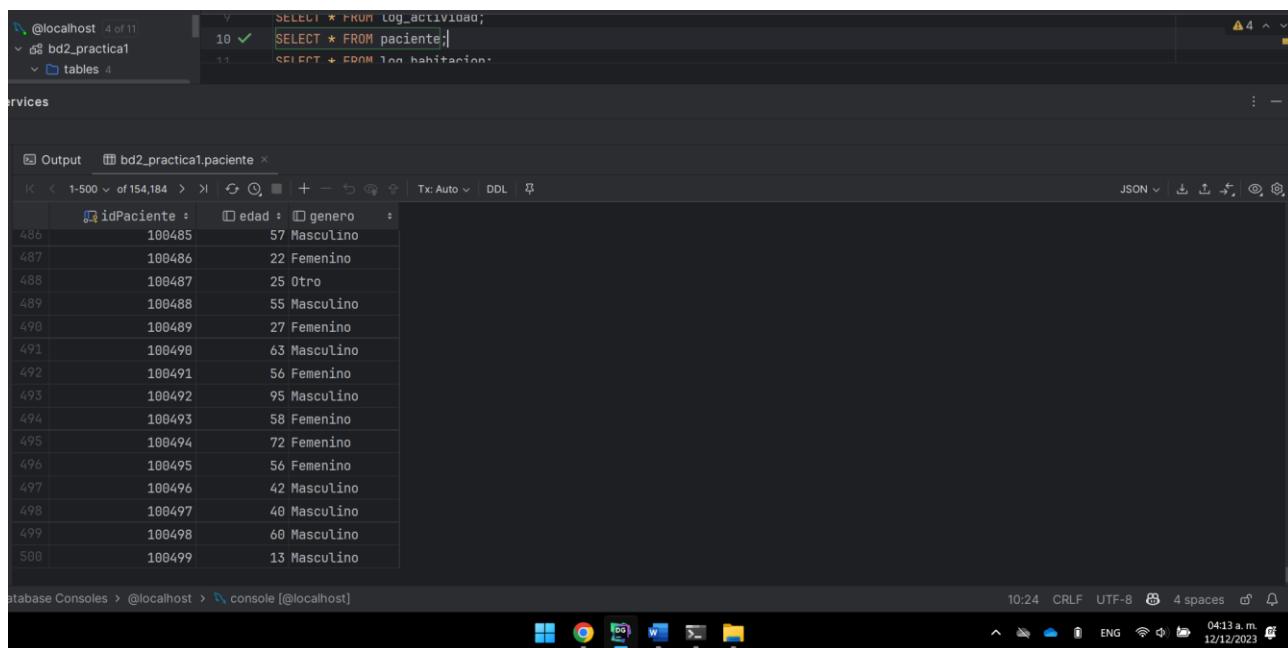
- o `SELECT * FROM log_actividad;`



The screenshot shows the DBeaver interface with the following details:

- SQL Editor:** Contains the query `SELECT * FROM log_actividad;`.
- Output Window:** Shows the results of the query as a table with columns: `id_log_actividad`, `timestampx`, `actividad`, `idHabitacion`, and `idPaciente`. The data includes various patient interactions such as check-in, receiving paper, delivery, receptionist marking as urgent, nurse starting the examination, medical treatment, and discharge.
- Bottom Status Bar:** Displays the date and time as 04:11 a.m. 12/12/2023.

- o `SELECT * FROM paciente;`



The screenshot shows the DBeaver interface with the following details:

- SQL Editor:** Contains the query `SELECT * FROM paciente;`.
- Output Window:** Shows the results of the query as a table with columns: `idPaciente`, `edad`, and `genero`. The data lists patient records with their ID, age, and gender.
- Bottom Status Bar:** Displays the date and time as 04:13 a.m. 12/12/2023.

- SELECT * FROM log_habitacion;

The screenshot shows a database management interface with the following details:

- Top Bar:** Shows the connection as '@localhost' with 4 of 11 rows.
- Left Sidebar:** Shows the database 'bd2_practica1' and its tables: 'log_habitacion' (4 rows), 'log_actividad' (1 row), 'paciente' (1 row), and 'habitacion' (1 row).
- Query Editor:** Displays the SQL command: 'SELECT * FROM log_habitacion;'. The result set is shown below.
- Result Set:** The output shows three columns: 'timestampx', 'statusx', and 'idHabitacion'. There are 11 rows returned.
- Bottom Status Bar:** Shows the time as 11:24, file encoding as CRLF, character set as UTF-8, and other system information.

- **SELECT COUNT(*) FROM cada tabla**

- SELECT COUNT(*) FROM habitacion;

The screenshot shows a database management interface with the following details:

- Top Bar:** Shows the connection as 'postgres@localhost' with 3 of 4 rows.
- Left Sidebar:** Shows the database 'sistema_control_fiusac' and its objects: 'Server Objects' (0 of 4), 'Monguito' (0 of 4), and 'habitacion' (3 of 4).
- Query Editor:** Displays four consecutive SQL commands to count rows in different tables.
- Result Set:** The output shows the count of rows for each table: habitacion (15), log_actividad (1), paciente (1), and log_habitacion (1).
- Bottom Status Bar:** Shows the time as 13:33, file encoding as CRLF, character set as UTF-8, and other system information.

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

The screenshot shows a PostgreSQL database console interface. In the top-left pane, there are two connections listed: 'Monguito' (0 of 4) and 'postgres@localhost' (3 of 4). The main area displays a SQL query window with three numbered lines:

```
14 ✓ SELECT COUNT(*) FROM log_actividad;
15   SELECT COUNT(*) FROM paciente;
16   SELECT COUNT(*) FROM log_habitacion;
```

Below the query window is a results table labeled 'Services' with one row:

	COUNT(*)
1	67684

The bottom status bar shows the connection path 'Database Consoles > @localhost > console [@localhost]', the timestamp '14:36', and other system information.

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

The screenshot shows a PostgreSQL database console interface. In the top-left pane, there are two connections listed: 'Monguito' (0 of 4) and 'postgres@localhost' (3 of 4). The main area displays a SQL query window with three numbered lines:

```
14   SELECT COUNT(*) FROM log_actividad;
15 ✓ SELECT COUNT(*) FROM paciente;
16   SELECT COUNT(*) FROM log_habitacion;
```

Below the query window is a results table labeled 'Services' with one row:

	COUNT(*)
1	154184

The bottom status bar shows the connection path 'Database Consoles > @localhost > console [@localhost]', the timestamp '15:31', and other system information.

- SELECT COUNT(*) FROM log_habitacion;

The screenshot shows a PostgreSQL database console window. The command entered is:

```
15   SELECT COUNT(*) FROM paciente;
16 ✓  SELECT COUNT(*) FROM log_habitacion;
```

The result table shows:

	COUNT(*)
1	0

Below the console are system status icons and a taskbar with various application icons.

Día 15:

- Restauración de backup incremental 5

The screenshot shows two PowerShell windows. The first window runs the command:

```
4.704s  measure-command { Get-Content .\backupIncDia5.sql | mysql -u root -p bd2_practica1 }
```

The output shows the execution time and detailed timing information:

```
Enter password: *****
Days : 0
Hours : 0
Minutes : 0
Seconds : 4
Milliseconds : 366
Ticks : 43666771
TotalDays : 5.0540244212963E-05
TotalHours : 0.00121296586111111
TotalMinutes : 0.0727779516666667
TotalSeconds : 4.3666771
TotalMilliseconds : 4366.6771
```

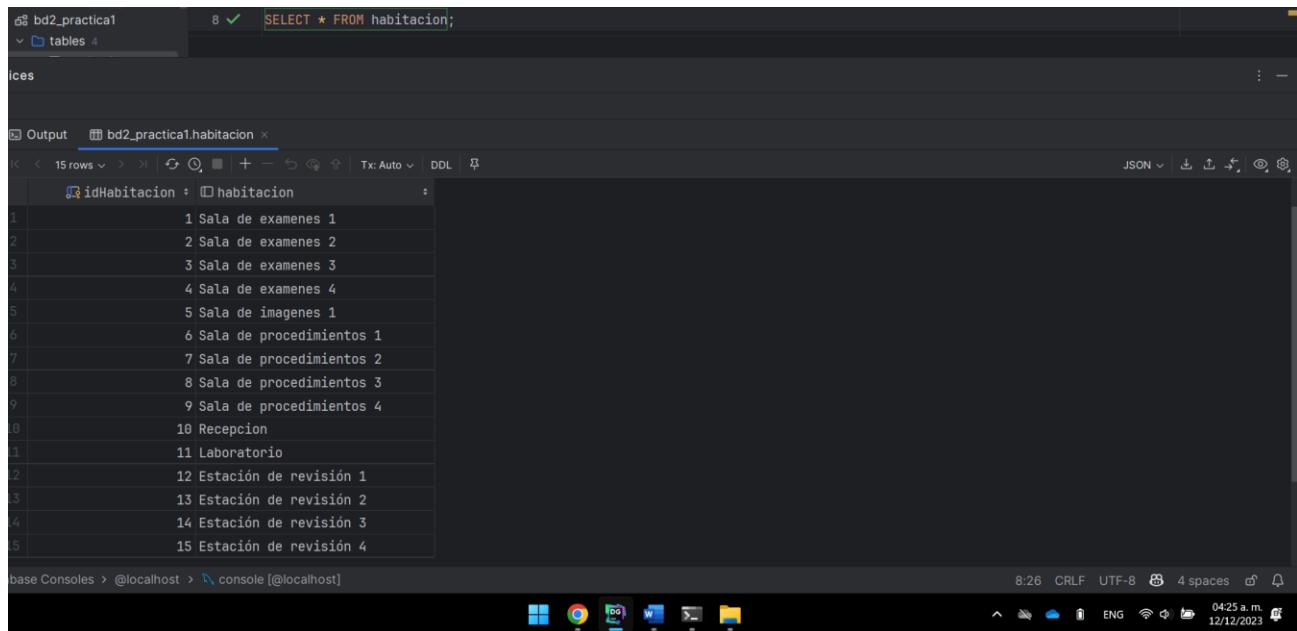
The second window shows the command:

```
4.381s  |
```

Below the windows is a taskbar with various application icons.

- **SELECT * FROM cada tabla**

- **SELECT * FROM habitacion;**

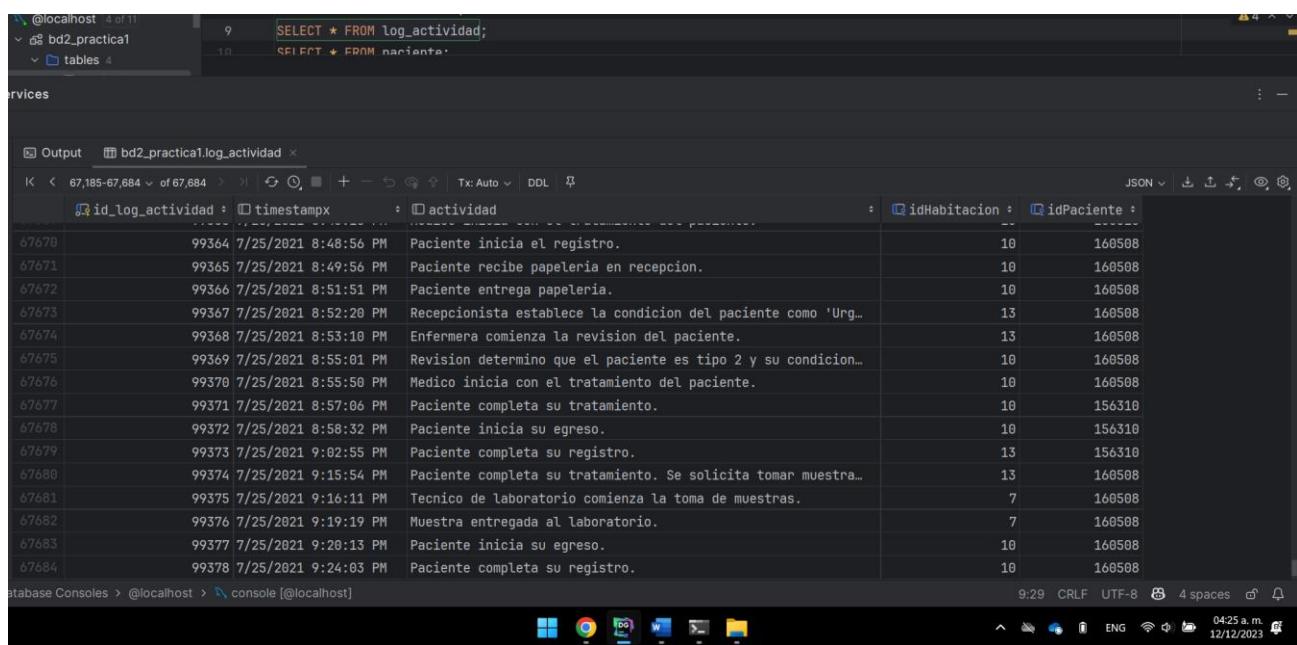


The screenshot shows the MySQL Workbench interface. The left sidebar shows the database 'bd2_practica1' and its tables. The main area displays the results of the query 'SELECT * FROM habitacion;'. The results are as follows:

	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 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

The status bar at the bottom indicates the session is at localhost, the transaction ID is 67,185-67,684, and the current time is 04:25 a.m. on 12/12/2023.

- **SELECT * FROM log_actividad;**

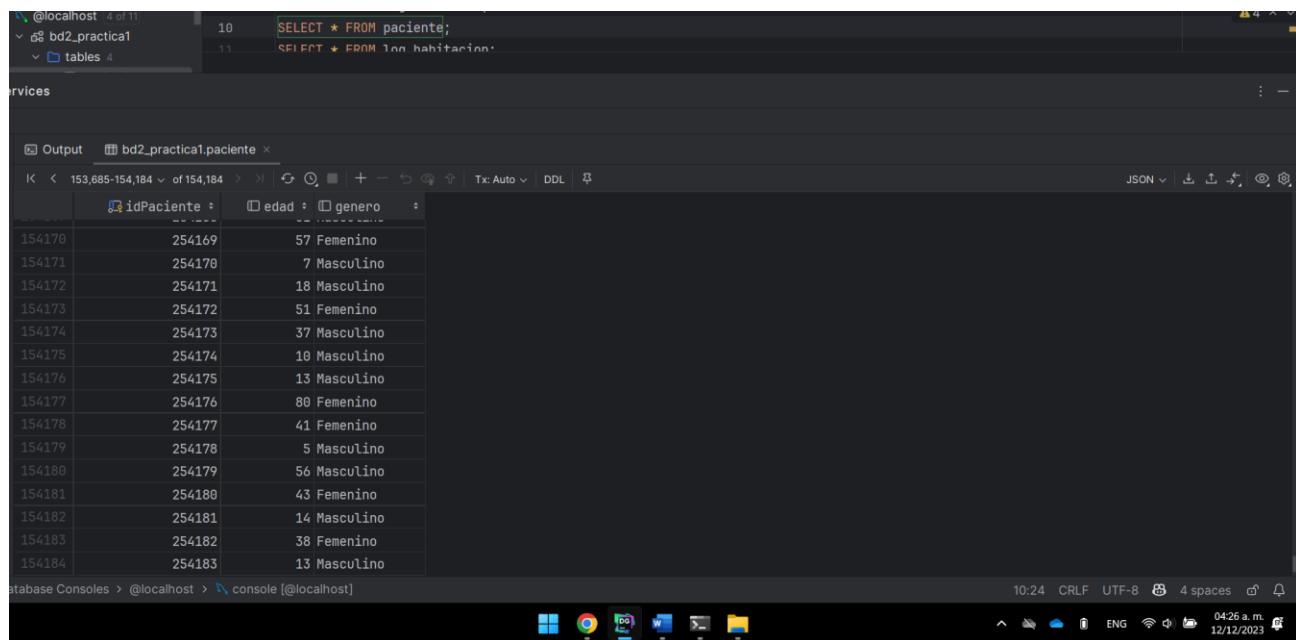


The screenshot shows the MySQL Workbench interface. The left sidebar shows the database 'bd2_practica1' and its tables. The main area displays the results of the query 'SELECT * FROM log_actividad;'. The results are as follows:

	timestampx	actividad	idHabitacion	idPaciente
67678	99364 7/25/2021 8:48:56 PM	Paciente inicia el registro.	10	160508
67671	99365 7/25/2021 8:49:56 PM	Paciente recibe papelería en recepción.	10	160508
67672	99366 7/25/2021 8:51:51 PM	Paciente entrega papelería.	10	160508
67673	99367 7/25/2021 8:52:20 PM	Recepcionista establece la condición del paciente como 'Urgencia'.	13	160508
67674	99368 7/25/2021 8:53:10 PM	Enfermera comienza la revisión del paciente.	13	160508
67675	99369 7/25/2021 8:55:01 PM	Revisión determinó que el paciente es tipo 2 y su condición...	10	160508
67676	99370 7/25/2021 8:55:50 PM	Médico inicia con el tratamiento del paciente.	10	160508
67677	99371 7/25/2021 8:57:06 PM	Paciente completa su tratamiento.	10	156310
67678	99372 7/25/2021 8:58:32 PM	Paciente inicia su egreso.	10	156310
67679	99373 7/25/2021 9:02:55 PM	Paciente completa su registro.	13	156310
67680	99374 7/25/2021 9:15:54 PM	Paciente completa su tratamiento. Se solicita tomar muestras.	13	160508
67681	99375 7/25/2021 9:16:11 PM	Técnico de laboratorio comienza la toma de muestras.	7	160508
67682	99376 7/25/2021 9:19:19 PM	Muestra entregada al laboratorio.	7	160508
67683	99377 7/25/2021 9:20:13 PM	Paciente inicia su egreso.	10	160508
67684	99378 7/25/2021 9:24:03 PM	Paciente completa su registro.	10	160508

The status bar at the bottom indicates the session is at localhost, the transaction ID is 67,185-67,684, and the current time is 04:25 a.m. on 12/12/2023.

- o SELECT * FROM paciente;



The screenshot shows the MySQL Workbench interface with the following details:

- Database:** bd2_practica1
- Table:** paciente
- Query:**

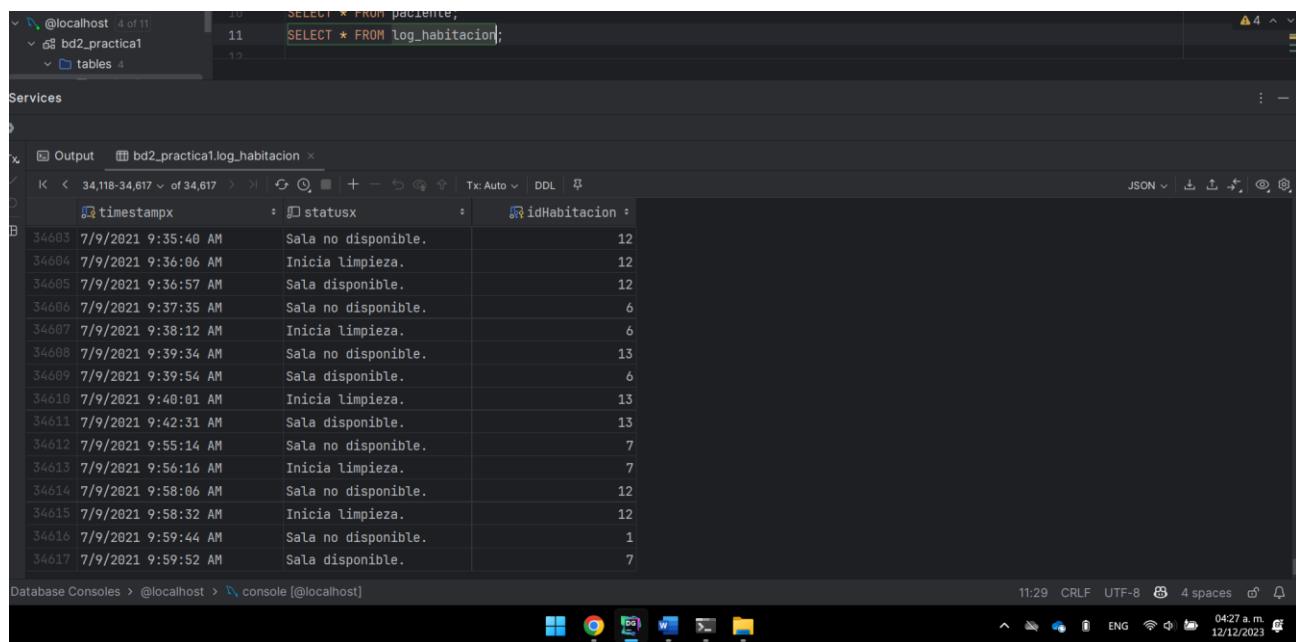
```

10  SELECT * FROM paciente;
11  SELECT * FROM log_habitacion;
    
```

- Output:** The results are displayed in a grid format. The columns are labeled idPaciente, edad, and genero.

idPaciente	edad	genero
154170	254169	57 Femenino
154171	254170	7 Masculino
154172	254171	18 Masculino
154173	254172	51 Femenino
154174	254173	37 Masculino
154175	254174	10 Masculino
154176	254175	13 Masculino
154177	254176	80 Femenino
154178	254177	41 Femenino
154179	254178	5 Masculino
154180	254179	56 Masculino
154181	254180	43 Femenino
154182	254181	14 Masculino
154183	254182	38 Femenino
154184	254183	13 Masculino

- o SELECT * FROM log_habitacion;



The screenshot shows the MySQL Workbench interface with the following details:

- Database:** bd2_practica1
- Table:** log_habitacion
- Query:**

```

10  SELECT * FROM paciente;
11  SELECT * FROM log_habitacion;
    
```

- Output:** The results are displayed in a grid format. The columns are labeled timestampx, statusx, and idHabitacion.

timestampx	statusx	idHabitacion
34603	Sala no disponible.	12
34604	Inicia limpieza.	12
34605	Sala disponible.	12
34606	Sala no disponible.	6
34607	Inicia limpieza.	6
34608	Sala no disponible.	13
34609	Sala disponible.	6
34610	Inicia limpieza.	13
34611	Sala disponible.	13
34612	Sala no disponible.	7
34613	Inicia limpieza.	7
34614	Sala no disponible.	12
34615	Inicia limpieza.	12
34616	Sala no disponible.	1
34617	Sala disponible.	7

- **SELECT COUNT(*) FROM cada tabla**

- SELECT COUNT(*) FROM habitacion;

The screenshot shows the pgAdmin interface. The top part displays a series of SQL queries in the SQL tab:

```
12
13 ✓ SELECT COUNT(*) FROM habitacion;
14 SELECT COUNT(*) FROM log_actividad;
15 SELECT COUNT(*) FROM paciente;
16 SELECT COUNT(*) FROM log_habitacion;
```

The bottom part shows the results in the Services tab, specifically for the COUNT(*) query:

	COUNT(*):int
1	15

The status bar at the bottom indicates the connection is to @localhost, the console, and the time is 12:13:33.

- SELECT COUNT(*) FROM log_actividad;

o SELECT COUNT(*) FROM paciente;

The screenshot shows a database console interface. In the top query editor, two statements are listed:

```
15 ✓ SELECT COUNT(*) FROM log_acividad;
16   SELECT COUNT(*) FROM paciente;
17
```

The second statement, `SELECT COUNT(*) FROM paciente;`, has a green checkmark indicating it was successful. Below the query editor is a results table:

	COUNT(*)
1	154184

The results table has a header row with columns labeled 'Tx' and 'Output'. The output column contains the value 'COUNT(*):int'. The status bar at the bottom of the window shows the time as 15:31 and the date as 12/12/2023.

o SELECT COUNT(*) FROM log_habitacion;

The screenshot shows a database console interface. In the top query editor, two statements are listed:

```
15 ✓ SELECT COUNT(*) FROM paciente;
16   SELECT COUNT(*) FROM log_habitacion;
17
```

The second statement, `SELECT COUNT(*) FROM log_habitacion;`, has a green checkmark indicating it was successful. Below the query editor is a results table:

	COUNT(*)
1	34617

The results table has a header row with columns labeled 'Tx' and 'Output'. The output column contains the value 'COUNT(*):int'. The status bar at the bottom of the window shows the time as 16:37 and the date as 12/12/2023.

Tablas de resultados

Tabla de tiempos de creación de los backups:

TIPO DE BACKUP	DÍA	ACCIÓN	TIEMPO (s)
COMPLETO 1	1	CREACIÓN	3.234
COMPLETO 2	2	CREACIÓN	3.501
COMPLETO 3	3	CREACIÓN	4.815
COMPLETO 4	4	CREACIÓN	4.590
COMPLETO 5	5	CREACIÓN	5.959
INCREMENTAL 1	1	CREACIÓN	0.055
INCREMENTAL 2	2	CREACIÓN	0.112
INCREMENTAL 3	3	CREACIÓN	0.103
INCREMENTAL 4	4	CREACIÓN	0.091
INCREMENTAL 5	5	CREACIÓN	0.073

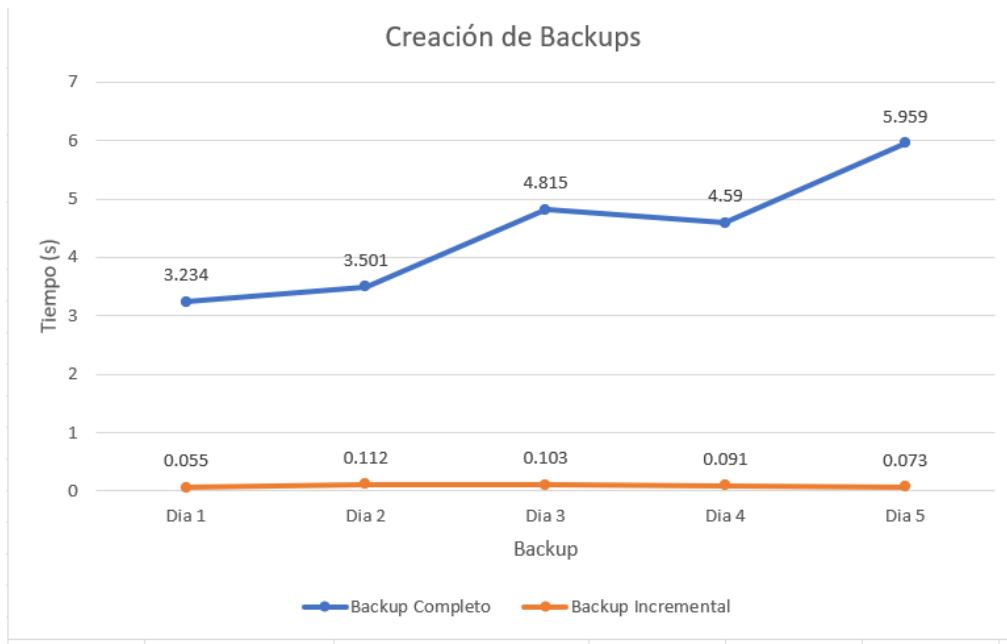
Tabla de tiempos de restauración de los backups:

TIPO DE BACKUP	DÍA	ACCIÓN	TIEMPO (s)
COMPLETO 1	6	RESTAURACIÓN	2.993
COMPLETO 2	7	RESTAURACIÓN	5.097
COMPLETO 3	8	RESTAURACIÓN	6.183
COMPLETO 4	9	RESTAURACIÓN	6.597
COMPLETO 5	10	RESTAURACIÓN	7.327
INCREMENTAL 1	11	RESTAURACIÓN	2.232
INCREMENTAL 2	12	RESTAURACIÓN	7.111
INCREMENTAL 3	13	RESTAURACIÓN	5.138
INCREMENTAL 4	14	RESTAURACIÓN	4.689
INCREMENTAL 5	15	RESTAURACIÓN	4.366

Análisis de los Resultados

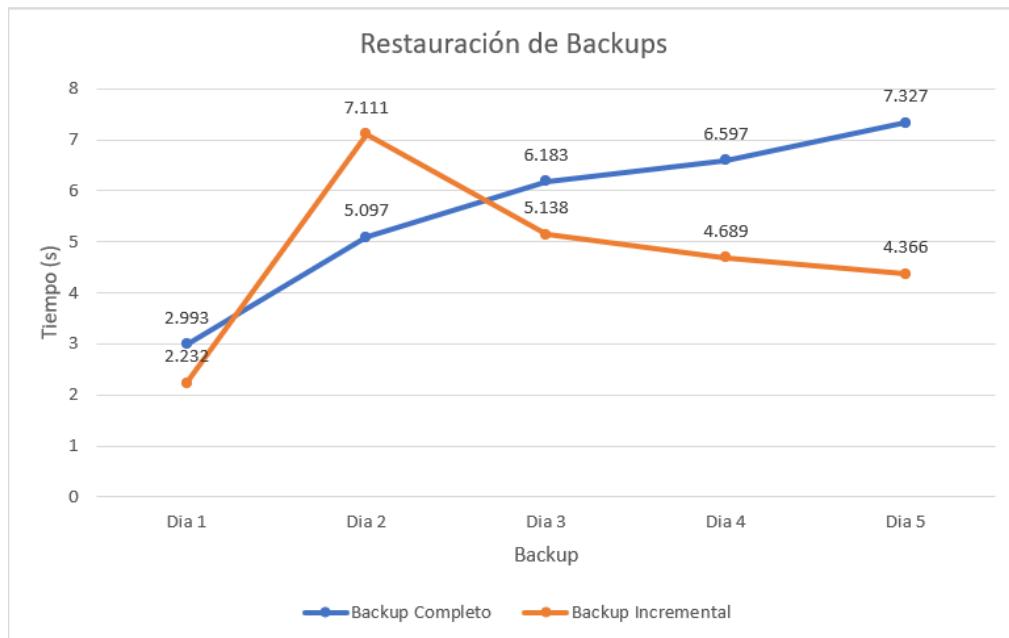
Observando los tiempos de creación y recuperación de backups, se pueden ver unas tendencias:

Creación de backups:



- Los tiempos de creación de backups completos aumentan a medida que se avanza de día, teniendo el pico más alto en día 5.
- Los backups incrementales tienen tiempos mucho más bajos en comparación a los backups completos ya que este solo hace copias de ciertas porciones de datos.
- A medida que se avanza de día, el backup completo tiende a ocupar más espacio de almacenamiento.
- El tiempo de creación de un backup completo esta directamente relacionado al volumen de datos que posee la base de datos, mientras que un backup incremental esta relacionado con las porciones de datos que han tenido cambios desde el ultimo backup.
- Los backups incrementables ocupan menor espacio de almacenamiento en comparación con los backups completos.

Restauración de backups:



- Los tiempos de restauración de backups completos también tienden a aumentar a medida que se avanza de día, también teniendo el último día el pico más alto, en este caso el día 10.
- Similar a la creación de backups incrementales, sus restauraciones son más rápidas a comparación de los backup completos generalmente.
- El tiempo de restauración esta directamente influenciado al poder de computo que posee el servidor donde se aloja la base de datos, esto aplica para ambos tipos de backups.

Conclusiones

- Se recomienda hacer uso de ambos backups aprovechando las mejores características de ambos tipos, realizando backups completos semanalmente para establecer puntos de control. Estos puntos de control serán una base para las copias incrementables ya que, aunque estas son eficientes en cuanto a velocidad de creación y restauración, dependen de una secuencia de backups incrementales previas y con el tiempo, este proceso puede volverse complejo y laborioso. La implementación de esta estrategia proporcionará eficiencia en la restauración y limita la complejidad a medida que se avanza en el tiempo.
- Si la prioridad es la eficiencia en términos de espacio y almacenamiento, los backups incrementales son preferibles; son ideales cuando se busca el menor tiempo de inactividad. En cambio, los backups completos se buscan la simplicidad y capacidad de restarurar la totalidad a pesar de requerir más tiempo y espacio.
- Los backups incrementales son más eficientes en términos de espacio de almacenamiento respecto a los backups completos, ya que solo capturan los cambios desde el último backup, reduciendo así el volumen de datos.
- La eficiencia tanto en la creación como en la restauración de backups completos e incrementales está vinculado al poder de procesamiento del servidor en el que se encuentra la base de datos. El rendimiento del servidor establece un papel importante en determinar la velocidad y la fiabilidad de estas operaciones.