

Práctica 1

Sistemas de Bases de Datos 2

Pareja 2

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Bitácora

Creación de Backups

- Día 1

Carga de Datos

The screenshot shows the SQL Server Enterprise Manager interface. The script being executed is as follows:

```
1 -- DIA 1
2 -- CARGAR ARCHIVO HABITACION
3 USE bdClinica;
4 LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/uploads/habitaciones.csv'
5 INTO TABLE habitacion
6 CHARACTER SET 'latin1'
7 FIELDS TERMINATED BY ','
8 LINES TERMINATED BY '\n'
9 IGNORE 1 ROWS
10 (idhabitacion, habitacion);
11
12 -- SELECT FROM TABLAS:
13 SELECT * FROM habitacion;
14 SELECT * FROM pacientes;
15 SELECT * FROM log_actividad;
16 SELECT * FROM log_habitacion;
17
18 -- SELECT COUNT(*) TABLAS:
19 SELECT COUNT(*) FROM habitacion;
20 SELECT COUNT(*) FROM pacientes;
21 SELECT COUNT(*) FROM log_actividad;
22 SELECT COUNT(*) FROM log_habitacion;
23
24 -- CREACION BACKUP COMPLETO (En consola):
25 -- ensure-command {mysqlbackup -u root -p bdClinica [ -out-file -filePath "backupfull.sql" -encoding UTF8]}
26
27 -- CREACION BACKUP INCREMENTAL (En consola):
```

The output pane shows the following results:

Time	Action	Progress	Duration / Remaining
10:43:03	USE bdClinica	Progress: 100%	0:00 sec
10:43:14	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/uploads/habitaciones.csv' INTO TABLE habitacion CHARACTER SET 'latin1'	Progress: 100%	0:04 sec

SELECT * FROM habitacion

The screenshot shows the SQL Server Enterprise Manager interface. The query being executed is:

```
1 -- DIA 1
2 -- CARGAR ARCHIVO HABITACION
3 USE bdClinica;
4 LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/uploads/habitaciones.csv'
5 INTO TABLE habitacion
6 CHARACTER SET 'latin1'
7 FIELDS TERMINATED BY ','
8 LINES TERMINATED BY '\n'
9 IGNORE 1 ROWS
10 (idhabitacion, habitacion);
11
12 -- SELECT FROM TABLAS:
13 SELECT * FROM habitacion;
14 SELECT * FROM pacientes;
```

The output pane shows the following results:

idhabitacion	habitacion
1	Sala de emergencia 1
2	Sala de emergencia 2
3	Sala de emergencia 3
4	Sala de emergencia 4
5	Sala de emergencia 5
6	Sala de procedimientos 1
7	Sala de procedimientos 2
8	Sala de procedimientos 3
9	Sala de procedimientos 4
10	Paseos
11	Laboratorio
12	Receptor de visitas 1
13	Receptor de visitas 2
14	Receptor de visitas 3
15	Receptor de visitas 4
16	OTR

SELECT * FROM paciente

The screenshot shows the SQL Developer interface. The query editor contains the following SQL code:

```
7  FIELDS TERMINATED BY ','
8  LINES TERMINATED BY '\n'
9  ROWS 1 ROWS
10 (idhabitation, habitacion);
11
12 -- SELECT FROM TABLAS:
13 SELECT * FROM habitacion;
14 SELECT * FROM paciente;
15 SELECT * FROM log_actividad;
16 SELECT * FROM log_habitacion;
17
18 -- SELECT COUNT(*) TABLAS:
19 SELECT COUNT(*) FROM habitacion;
20 SELECT COUNT(*) FROM paciente;
```

The query is executed, and the Results window shows the following output:

Time	Text	Messages	Bytes / Rows
10:41:14	SELECT * FROM paciente	10 rows returned	10 rows / 10 rows
10:41:15	SELECT * FROM paciente	10 rows returned	10 rows / 10 rows
10:41:16	SELECT * FROM paciente	10 rows returned	10 rows / 10 rows

SELECT * FROM log_actividad

The screenshot shows the SQL Developer interface. The query editor contains the following SQL code:

```
7  FIELDS TERMINATED BY ','
8  LINES TERMINATED BY '\n'
9  ROWS 1 ROWS
10 (idhabitation, habitacion);
11
12 -- SELECT FROM TABLAS:
13 SELECT * FROM habitacion;
14 SELECT * FROM paciente;
15 SELECT * FROM log_actividad;
16 SELECT * FROM log_habitacion;
17
18 -- SELECT COUNT(*) TABLAS:
19 SELECT COUNT(*) FROM habitacion;
20 SELECT COUNT(*) FROM paciente;
```

The query is executed, and the Results window shows the following output:

Time	Text	Messages	Bytes / Rows
10:41:14	SELECT * FROM log_actividad	10 rows returned	10 rows / 10 rows
10:41:15	SELECT * FROM log_actividad	10 rows returned	10 rows / 10 rows
10:41:16	SELECT * FROM log_actividad	10 rows returned	10 rows / 10 rows

SELECT * FROM log_habitacion

The screenshot shows the SQL Developer interface. The query editor contains the following SQL code:

```
7  FIELDS TERMINATED BY ','
8  LINES TERMINATED BY '\n'
9  ROWS 1 ROWS
10 (idhabitation, habitacion);
11
12 -- SELECT FROM TABLAS:
13 SELECT * FROM habitacion;
14 SELECT * FROM paciente;
15 SELECT * FROM log_actividad;
16 SELECT * FROM log_habitacion;
17
18 -- SELECT COUNT(*) TABLAS:
19 SELECT COUNT(*) FROM habitacion;
20 SELECT COUNT(*) FROM paciente;
```

The query is executed, and the Results window shows the following output:

Time	Text	Messages	Bytes / Rows
10:41:14	SELECT * FROM log_habitacion	10 rows returned	10 rows / 10 rows
10:41:15	SELECT * FROM log_habitacion	10 rows returned	10 rows / 10 rows
10:41:16	SELECT * FROM log_habitacion	10 rows returned	10 rows / 10 rows

[illegible]

The screenshot shows a Windows 10 desktop environment. In the foreground, a SQL Server Enterprise console window is open, displaying a series of SQL queries and their execution results. The queries are as follows:

```

13 SELECT * FROM Habitaciones;
14 SELECT * FROM pacientes;
15 SELECT * FROM log_actividad;
16 SELECT * FROM log_habitaciones;
17
18 -- SELECT COUNT(*) TABLAS
19 SELECT COUNT(*) FROM habitaciones;
20 SELECT COUNT(*) FROM pacientes;
21 SELECT COUNT(*) FROM log_actividad;
22 SELECT COUNT(*) FROM log_habitaciones;
23
24 -- CREACION BACKUP COMPLETO (En consola)
25 -- measure command (ejecutame en cmd -> kkkkizee | Set-File -FilePath "backupsfull.sql" -Encoding UTF8)
26

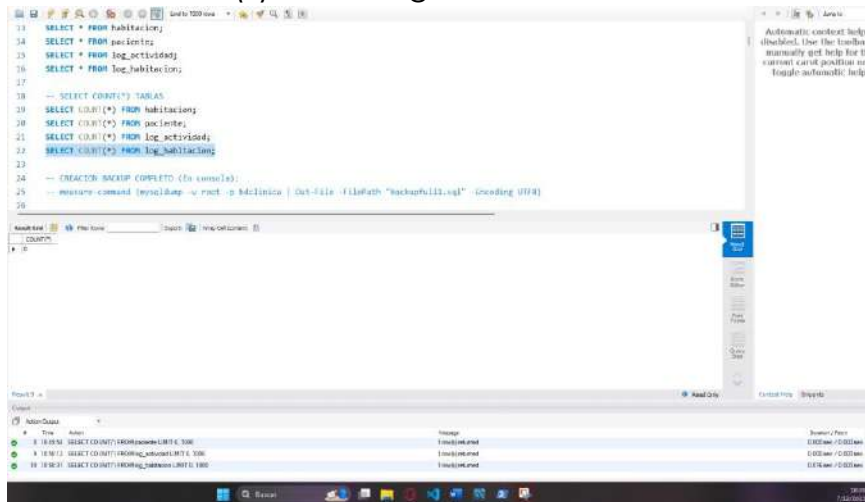
```

The console window also shows the execution results for the first query, which is a table with columns: ID, Nombre, and Precio. The results are as follows:

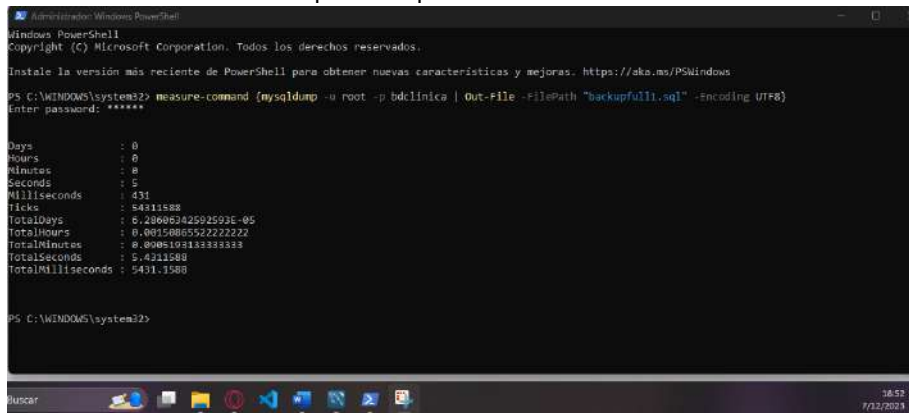
ID	Nombre	Precio
1	Habitacion 1	1000
2	Habitacion 2	1200
3	Habitacion 3	1500
4	Habitacion 4	1800
5	Habitacion 5	2000
6	Habitacion 6	2200
7	Habitacion 7	2500
8	Habitacion 8	2800
9	Habitacion 9	3000
10	Habitacion 10	3200
11	Habitacion 11	3500
12	Habitacion 12	3800
13	Habitacion 13	4000
14	Habitacion 14	4200
15	Habitacion 15	4500
16	Habitacion 16	4800
17	Habitacion 17	5000
18	Habitacion 18	5200
19	Habitacion 19	5500
20	Habitacion 20	5800
21	Habitacion 21	6000
22	Habitacion 22	6200
23	Habitacion 23	6500
24	Habitacion 24	6800
25	Habitacion 25	7000
26	Habitacion 26	7200
27	Habitacion 27	7500
28	Habitacion 28	7800
29	Habitacion 29	8000
30	Habitacion 30	8200
31	Habitacion 31	8500
32	Habitacion 32	8800
33	Habitacion 33	9000
34	Habitacion 34	9200
35	Habitacion 35	9500
36	Habitacion 36	9800
37	Habitacion 37	10000
38	Habitacion 38	10200
39	Habitacion 39	10500
40	Habitacion 40	10800
41	Habitacion 41	11000
42	Habitacion 42	11200
43	Habitacion 43	11500
44	Habitacion 44	11800
45	Habitacion 45	12000
46	Habitacion 46	12200
47	Habitacion 47	12500
48	Habitacion 48	12800
49	Habitacion 49	13000
50	Habitacion 50	13200
51	Habitacion 51	13500
52	Habitacion 52	13800
53	Habitacion 53	14000
54	Habitacion 54	14200
55	Habitacion 55	14500
56	Habitacion 56	14800
57	Habitacion 57	15000
58	Habitacion 58	15200
59	Habitacion 59	15500
60	Habitacion 60	15800
61	Habitacion 61	16000
62	Habitacion 62	16200
63	Habitacion 63	16500
64	Habitacion 64	16800
65	Habitacion 65	17000
66	Habitacion 66	17200
67	Habitacion 67	17500
68	Habitacion 68	17800
69	Habitacion 69	18000
70	Habitacion 70	18200
71	Habitacion 71	18500
72	Habitacion 72	18800
73	Habitacion 73	19000
74	Habitacion 74	19200
75	Habitacion 75	19500
76	Habitacion 76	19800
77	Habitacion 77	20000
78	Habitacion 78	20200
79	Habitacion 79	20500
80	Habitacion 80	20800
81	Habitacion 81	21000
82	Habitacion 82	21200
83	Habitacion 83	21500
84	Habitacion 84	21800
85	Habitacion 85	22000
86	Habitacion 86	22200
87	Habitacion 87	22500
88	Habitacion 88	22800
89	Habitacion 89	23000
90	Habitacion 90	23200
91	Habitacion 91	23500
92	Habitacion 92	23800
93	Habitacion 93	24000
94	Habitacion 94	24200
95	Habitacion 95	24500
96	Habitacion 96	24800
97	Habitacion 97	25000
98	Habitacion 98	25200
99	Habitacion 99	25500
100	Habitacion 100	25800

The Windows taskbar at the bottom shows various application icons, including the Start button, File Explorer, Microsoft Edge, and the system clock, which displays the date as 10/10/2020 and the time as 10:40.

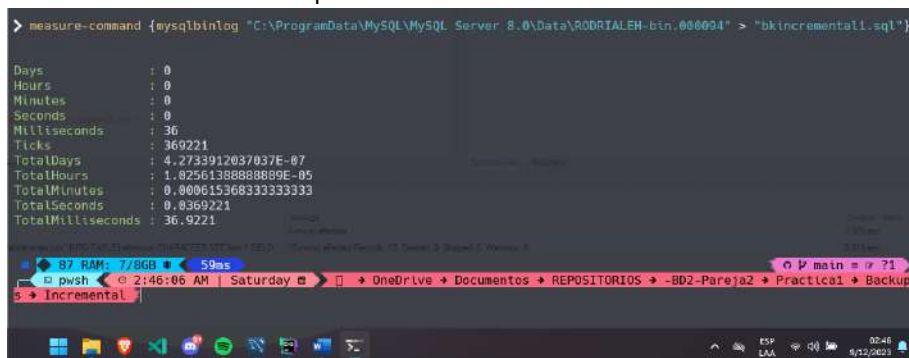
SELECT COUNT(*) FROM log_habitacion



Creación de backup completo



Creación de backup incremental



- Día 2

Carga de Datos

```

31 --measure-command (mysqlbinlog "ruta" > "backupsinCR.sql")
32
33
34 -- DÍA 2
35 -- CARGAR ARCHIVO PACIENTES
36 USE bd-11nfcas;
37 LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/backup/Pacientes.sql'
38 INTO TABLE pacientes
39 CHARACTER SET 'utf8mb4'
40 FIELDS TERMINATED BY ';'
41 LINES TERMINATED BY '\n'
42 IGNORE 1 ROWS
43 (idPaciente, edad, genero);
44
45 -- SELECT FROM TABLAS
46 SELECT * FROM habitacion;
47 SELECT * FROM pacientes;
48 SELECT * FROM log_actividad;
49 SELECT * FROM log_habitacion;
50
51 -- SELECT COUNT(*) TABLAS
52 SELECT COUNT(*) FROM habitacion;
53 SELECT COUNT(*) FROM pacientes;
54 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.

Result
Active Output

1 18:28:18 LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/backup/Pacientes.sql' INTO TABLE pacientes CHARACTER SET 'utf8mb4'... 154 Rows affected Rows: 154/154 Deleted: 0 Skipped: 0 Warnings: 0
Duration: 1 sec
2.275 sec

SELECT * FROM habitacion

```

35 -- CARGAR ARCHIVO PACIENTES
36 USE bd-11nfcas;
37 LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/backup/Pacientes.sql'
38 INTO TABLE paciente
39 CHARACTER SET 'utf8mb4'
40 FIELDS TERMINATED BY ';'
41 LINES TERMINATED BY '\n'
42 IGNORE 1 ROWS
43 (idPaciente, edad, genero);
44
45 -- SELECT FROM TABLAS
46 SELECT * FROM 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

idHabitacion	idPaciente
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15

Active Output

1 18:28:18 LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/backup/Pacientes.sql' INTO TABLE paciente CHARACTER SET 'utf8mb4'... 154 Rows affected Rows: 154/154 Deleted: 0 Skipped: 0 Warnings: 0
Duration: 1 sec
2.275 sec

2 18:28:19 SELECT FROM habitacion LIMIT 1500
15 rows returned

SELECT * FROM paciente

SQL Server Enterprise Manager interface showing the execution of a query. The query is:

```
41 LINES TERMINATED BY '\n'
42 DECLARE @ROWS
43 (idPaciente, edad, genero);
44
45 -- SELECT FROM TABLAS:
46 SELECT * FROM habitacion;
47 SELECT * FROM paciente;
48 SELECT * FROM log_actividad;
49 SELECT * FROM log_habitacion;
50
51 -- SELECT COUNT(*) TABLAS
52 SELECT COUNT(*) FROM habitacion;
```

The results of the query are displayed in a grid with columns: idPaciente, edad, genero. The grid shows 10 rows of data.

idPaciente	edad	genero
000001	25	Chico
000002	40	Femenino
000003	42	Neutro
000004	3	Femenino
000005	40	Neutro
000006	30	Neutro
000007	40	Femenino
000008	44	Femenino
000009	30	Femenino
000010	26	Femenino
000011	30	Femenino
000012	42	Neutro
000013	30	Neutro

The bottom pane shows the execution plan for the query, indicating that the query was executed successfully and returned 10 rows.

SELECT * FROM log_actividad

SQL Server Enterprise Manager interface showing the execution of a query. The query is:

```
41 LINES TERMINATED BY '\n'
42 DECLARE @ROWS
43 (idPaciente, edad, genero);
44
45 -- SELECT FROM TABLAS:
46 SELECT * FROM habitacion;
47 SELECT * FROM paciente;
48 SELECT * FROM log_actividad;
49 SELECT * FROM log_habitacion;
50
51 -- SELECT COUNT(*) TABLAS
52 SELECT COUNT(*) FROM habitacion;
```

The results of the query are displayed in a grid with columns: idPaciente, edad, genero. The grid shows 10 rows of data.

idPaciente	edad	genero
000001	25	Chico
000002	40	Femenino
000003	42	Neutro
000004	3	Femenino
000005	40	Neutro
000006	30	Neutro
000007	40	Femenino
000008	44	Femenino
000009	30	Femenino
000010	26	Femenino
000011	30	Femenino
000012	42	Neutro
000013	30	Neutro

The bottom pane shows the execution plan for the query, indicating that the query was executed successfully and returned 10 rows.

SELECT * FROM log_habitacion

SQL Server Enterprise Manager interface showing the execution of a query. The query is:

```
41 LINES TERMINATED BY '\n'
42 DECLARE @ROWS
43 (idPaciente, edad, genero);
44
45 -- SELECT FROM TABLAS:
46 SELECT * FROM habitacion;
47 SELECT * FROM paciente;
48 SELECT * FROM log_actividad;
49 SELECT * FROM log_habitacion;
50
51 -- SELECT COUNT(*) TABLAS
52 SELECT COUNT(*) FROM habitacion;
```

The results of the query are displayed in a grid with columns: idPaciente, edad, genero. The grid shows 10 rows of data.

idPaciente	edad	genero
000001	25	Chico
000002	40	Femenino
000003	42	Neutro
000004	3	Femenino
000005	40	Neutro
000006	30	Neutro
000007	40	Femenino
000008	44	Femenino
000009	30	Femenino
000010	26	Femenino
000011	30	Femenino
000012	42	Neutro
000013	30	Neutro

The bottom pane shows the execution plan for the query, indicating that the query was executed successfully and returned 10 rows.

SELECT COUNT(*) FROM habitacion

The screenshot shows the SQL Developer interface with a query window containing the following SQL code:

```
47 SELECT * FROM paciente;
48 SELECT * FROM log_actividad;
49 SELECT * FROM log_habitacion;
50
51 -- SELECT COUNT(*) TABLAS
52 SELECT COUNT(*) FROM habitacion;
53 SELECT COUNT(*) FROM paciente;
54 SELECT COUNT(*) FROM log_actividad;
55 SELECT COUNT(*) FROM log_habitacion;
56
57 -- CREACION BACKUP COMPLETO (in console):
58 -- measure command (mysqldump -u root -p bdc@bdc | Out-Fill -FilePath "backupfull12.sql" -Encoding UTF8)
```

The Results grid shows the execution of the query:

Line	Text	Message	Success / Fail
1	15:22:25 LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 5.5\bin\data\Paciente.csv' INTO TABLE Paciente CHARACTER SET utf8	15458 rows affected Records: 15458 Deleted: 0 Skipped: 0 Warnings: 0	Success / Pass
2	15:24:13 SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row returned	0:00:00 sec / 0:00:00 sec
3	15:24:13 SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1000 rows returned	0:00:00 sec / 0:00:00 sec
4	15:25:03 SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	0 rows returned	0:00:00 sec / 0:00:00 sec
5	15:25:13 SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	1 row returned	0:00:00 sec / 0:00:00 sec
6	15:25:13 SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row returned	0:00:00 sec / 0:00:00 sec

SELECT COUNT(*) FROM paciente

The screenshot shows the SQL Developer interface with a query window containing the following SQL code:

```
47 SELECT * FROM paciente;
48 SELECT * FROM log_actividad;
49 SELECT * FROM log_habitacion;
50
51 -- SELECT COUNT(*) TABLAS
52 SELECT COUNT(*) FROM habitacion;
53 SELECT COUNT(*) FROM paciente;
54 SELECT COUNT(*) FROM log_actividad;
55 SELECT COUNT(*) FROM log_habitacion;
56
57 -- CREACION BACKUP COMPLETO (in console):
58 -- measure command (mysqldump -u root -p bdc@bdc | Out-Fill -FilePath "backupfull12.sql" -Encoding UTF8)
```

The Results grid shows the execution of the query:

Line	Text	Message	Success / Fail
1	15:22:25 LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 5.5\bin\data\Paciente.csv' INTO TABLE Paciente CHARACTER SET utf8	15458 rows affected Records: 15458 Deleted: 0 Skipped: 0 Warnings: 0	Success / Pass
2	15:24:13 SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row returned	0:00:00 sec / 0:00:00 sec
3	15:24:13 SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1000 rows returned	0:00:00 sec / 0:00:00 sec
4	15:25:03 SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	0 rows returned	0:00:00 sec / 0:00:00 sec
5	15:25:13 SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	0 rows returned	0:00:00 sec / 0:00:00 sec
6	15:25:13 SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row returned	0:00:00 sec / 0:00:00 sec
7	15:25:13 SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1000 rows returned	0:00:00 sec / 0:00:00 sec

SELECT COUNT(*) FROM log_actividad

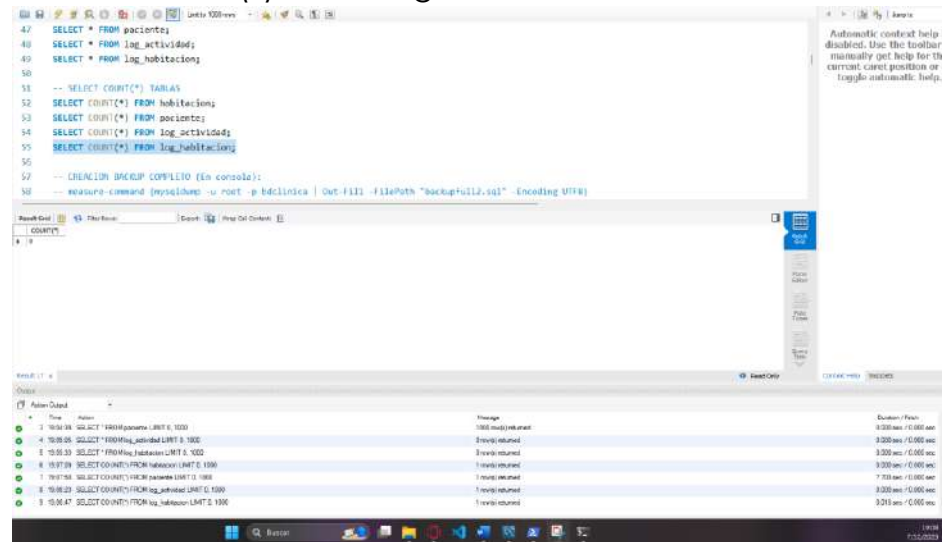
The screenshot shows the SQL Developer interface with a query window containing the following SQL code:

```
47 SELECT * FROM paciente;
48 SELECT * FROM log_actividad;
49 SELECT * FROM log_habitacion;
50
51 -- SELECT COUNT(*) TABLAS
52 SELECT COUNT(*) FROM habitacion;
53 SELECT COUNT(*) FROM paciente;
54 SELECT COUNT(*) FROM log_actividad;
55 SELECT COUNT(*) FROM log_habitacion;
56
57 -- CREACION BACKUP COMPLETO (in console):
58 -- measure command (mysqldump -u root -p bdc@bdc | Out-Fill -FilePath "backupfull12.sql" -Encoding UTF8)
```

The Results grid shows the execution of the query:

Line	Text	Message	Success / Fail
1	15:22:25 LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 5.5\bin\data\Paciente.csv' INTO TABLE Paciente CHARACTER SET utf8	15458 rows affected Records: 15458 Deleted: 0 Skipped: 0 Warnings: 0	Success / Pass
2	15:24:13 SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row returned	0:00:00 sec / 0:00:00 sec
3	15:24:13 SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1000 rows returned	0:00:00 sec / 0:00:00 sec
4	15:25:03 SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	0 rows returned	0:00:00 sec / 0:00:00 sec
5	15:25:13 SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	0 rows returned	0:00:00 sec / 0:00:00 sec
6	15:25:13 SELECT COUNT(*) FROM habitacion LIMIT 0, 1000	1 row returned	0:00:00 sec / 0:00:00 sec
7	15:25:13 SELECT COUNT(*) FROM paciente LIMIT 0, 1000	1000 rows returned	0:00:00 sec / 0:00:00 sec
8	15:25:23 SELECT COUNT(*) FROM log_actividad LIMIT 0, 1000	1 row returned	0:00:00 sec / 0:00:00 sec

SELECT COUNT(*) FROM log_habitacion



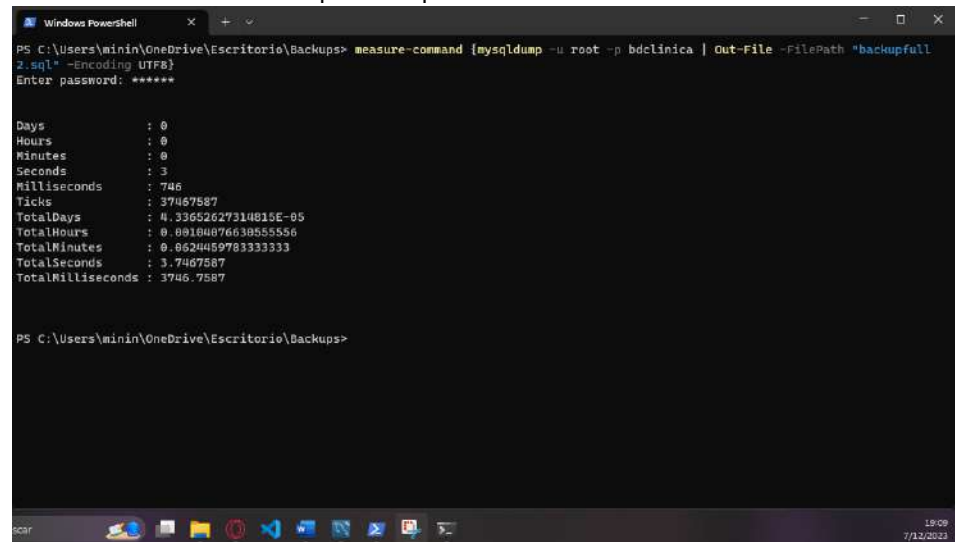
The screenshot shows a SQL Server Enterprise Manager window. The top pane displays a query window with the following SQL code:

```
42 SELECT * FROM pacientes;
43 SELECT * FROM log_actividad;
44 SELECT * FROM log_habitacion;
45
46 -- SELECT COUNT(*) TABLAS
47 SELECT COUNT(*) FROM habitaciones;
48 SELECT COUNT(*) FROM pacientes;
49 SELECT COUNT(*) FROM log_actividad;
50 SELECT COUNT(*) FROM log_habitacion;
51
52 -- CREACION BACKUP COMPLETO (in console):
53 -- measure-command [mysqldump -u root -p bdclinica | Out-File -FilePath "backupfull2.sql" -Encoding UTF8]
```

The bottom pane shows a results grid with the following data:

QUERY	STATUS	ROWS	ROWS_PER_SECOND	BYTES	BYTES_PER_SECOND
1: 10:18:38 SELECT * FROM log_habitacion LIMIT 0, 1000	Success	1000	1000 rows/sec	1000 rows	1000 rows
2: 10:18:38 SELECT * FROM log_actividad LIMIT 0, 1000	Success	1000	1000 rows/sec	1000 rows	1000 rows
3: 10:18:38 SELECT * FROM log_habitacion LIMIT 0, 1000	Success	1000	1000 rows/sec	1000 rows	1000 rows
4: 10:18:38 SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	Success	1	1 rows/sec	1 rows	1 rows
5: 10:18:38 SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	Success	1	1 rows/sec	1 rows	1 rows
6: 10:18:38 SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	Success	1	1 rows/sec	1 rows	1 rows
7: 10:18:38 SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	Success	1	1 rows/sec	1 rows	1 rows
8: 10:18:38 SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	Success	1	1 rows/sec	1 rows	1 rows
9: 10:18:38 SELECT COUNT(*) FROM log_habitacion LIMIT 0, 1000	Success	1	1 rows/sec	1 rows	1 rows

Creación de backup completo



The screenshot shows a Windows PowerShell terminal window. The user enters the following command:

```
PS C:\Users\minin\OneDrive\Escritorio\Backups> measure-command {mysqldump -u root -p bdclinica | Out-File -FilePath "backupfull2.sql" -Encoding UTF8}
```

The terminal displays the following performance metrics:

```
Enter password: *****

Days           : 0
Hours          : 0
Minutes        : 0
Seconds        : 3
Milliseconds   : 746
Ticks          : 37467587
TotalDays      : 4.33652627314816E-05
TotalHours     : 0.00104476638555556
TotalMinutes   : 0.00208959783333333
TotalSeconds   : 0.0031343967587
TotalMilliseconds : 3.7467587

PS C:\Users\minin\OneDrive\Escritorio\Backups>
```

Creación de backup incremental



The screenshot shows a Windows PowerShell terminal window. The user enters the following command:

```
> measure-command {mysqlbinlog "C:\ProgramData\MySQL\MySQL Server 8.0\Data\RODRIALEH-bin.000095" > "bkIncremental2.sql"}
```

The terminal displays the following performance metrics:

```
Days           : 0
Hours          : 0
Minutes        : 0
Seconds        : 0
Milliseconds   : 78
Ticks          : 781280
TotalDays      : 9.04259259259259E-07
TotalHours     : 2.17022222222222E-05
TotalMinutes   : 0.00130213333333333
TotalSeconds   : 0.0078128
TotalMilliseconds : 78.128
```

- Día 3

Carga de Datos

```

67 -- DIA 3
68 -- CARGAR ARCHIVO LOG_ACTIVIDADES1
69 USE bdclinica;
70 LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/uploads/LogActividades1.csv'
71 INTO TABLE log_actividad
72 CHARACTER SET 'latin1'
73 FIELDS TERMINATED BY ','
74 LINES TERMINATED BY '\r\n'
75 IGNORE 1 ROWS
76 (timestamp, actividad, idhabitacion, idPaciente);
77
78 -- SELECT FROM TABLAS:
79 * SELECT * FROM habitacion;
80 * SELECT * FROM paciente;
81 * SELECT * FROM log_actividad;
82 * SELECT * FROM log_habitacion;
83
84 -- SELECT COUNT(*) TABLAS
85 * SELECT COUNT(*) FROM habitacion;
86 * SELECT COUNT(*) FROM paciente;
87 * SELECT COUNT(*) FROM log_actividad;
88 * SELECT COUNT(*) FROM log_habitacion;
89

```

Output:

Time	Action	Message	Duration / Batch
21:28:51	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/uploads/LogActividades1.csv'	33841 rows affected Rows: 33841 Deleted: 0 Skipped: 0 Warnings: 0	1.672 sec

SELECT * FROM habitacion

```

67 -- DIA 3
68 -- CARGAR ARCHIVO LOG_ACTIVIDADES1
69 USE bdclinica;
70 LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/uploads/LogActividades1.csv'
71 INTO TABLE log_actividad
72 CHARACTER SET 'latin1'
73 FIELDS TERMINATED BY ','
74 LINES TERMINATED BY '\r\n'
75 IGNORE 1 ROWS
76 (timestamp, actividad, idhabitacion, idPaciente);
77
78 -- SELECT FROM TABLAS:
79 * SELECT * FROM habitacion;
80 * SELECT * FROM paciente;
81 * SELECT * FROM log_actividad;
82 * SELECT * FROM log_habitacion;
83

```

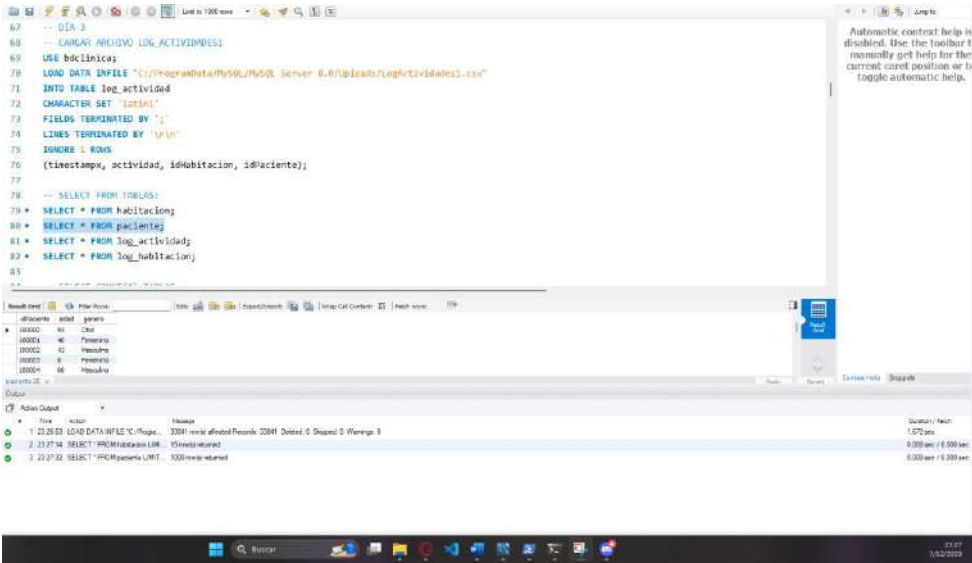
Result Grid:

idhabitacion	habitacion
1	Salón de exámenes 1
2	Salón de exámenes 2
3	Salón de exámenes 3
4	Salón de exámenes 4
5	Salón de exámenes 5

Output:

Time	Action	Message	Duration / Batch
21:28:51	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/uploads/LogActividades1.csv'	33841 rows affected Rows: 33841 Deleted: 0 Skipped: 0 Warnings: 0	1.672 sec
21:29:16	SELECT * FROM habitacion	5 rows returned	0.000 sec / 0.000 sec

SELECT * FROM paciente



```

67 -- DIA 3
68 -- CARABAS ARCHIVO LOG_ACTIVIDADES1
69 USE bdClinica;
70 LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\ploader\logActividades1.csv"
71 INTO TABLE log_actividad
72 CHARACTER SET 'latin1'
73 FIELDS TERMINATED BY ','
74 LINES TERMINATED BY '\n';
75 IGNORE 1 ROWS
76 (timestamp, actividad, idhabitacion, idpaciente);
77
78 -- SELECT FROM TABLAS:
79 * SELECT * FROM habitacion;
80 * SELECT * FROM paciente;
81 * SELECT * FROM log_actividad;
82 * SELECT * FROM log_habitacion;
83
84

```

idpaciente	edad	genero
10000	40	Chico
10001	46	Femenino
10002	42	Femenino
10003	8	Femenino
10004	66	Femenino

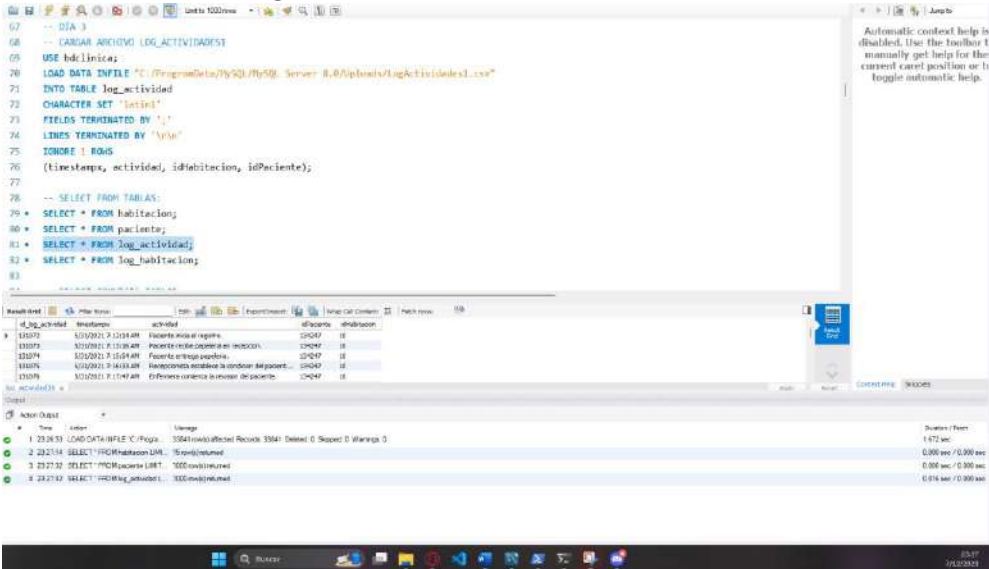
Duration: 1.572 sec

1 21:26:53 LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\ploader\logActividades1.csv' 3381 rows affected Records: 3381 Deleted: 0 Skipped: 0 Warnings: 0

2 21:27:10 SELECT * FROM paciente LIMIT 100 rows returned

3 21:27:32 SELECT * FROM paciente LIMIT 100 rows returned

SELECT * FROM log_actividad



```

67 -- DIA 3
68 -- CARABAS ARCHIVO LOG_ACTIVIDADES1
69 USE bdClinica;
70 LOAD DATA INFILE "C:\ProgramData\MySQL\MySQL Server 8.0\ploader\logActividades1.csv"
71 INTO TABLE log_actividad
72 CHARACTER SET 'latin1'
73 FIELDS TERMINATED BY ','
74 LINES TERMINATED BY '\n';
75 IGNORE 1 ROWS
76 (timestamp, actividad, idhabitacion, idpaciente);
77
78 -- SELECT FROM TABLAS:
79 * SELECT * FROM habitacion;
80 * SELECT * FROM paciente;
81 * SELECT * FROM log_actividad;
82 * SELECT * FROM log_habitacion;
83
84

```

id_log_actividad	timestamp	actividad	idpaciente	idhabitacion
110173	3/2/2013 7:13:24 AM	Paciente entra al registro	10004	18
110174	3/2/2013 7:13:36 AM	Paciente recibe paquete de medicamentos	10004	18
110175	3/2/2013 7:13:44 AM	Paciente entrega expediente	10004	18
110176	3/2/2013 7:14:13 AM	Hay problema con el servicio del paciente	10004	18
110178	3/2/2013 7:14:47 AM	Examina contenido de examen de paciente	10004	18

Duration: 1.472 sec

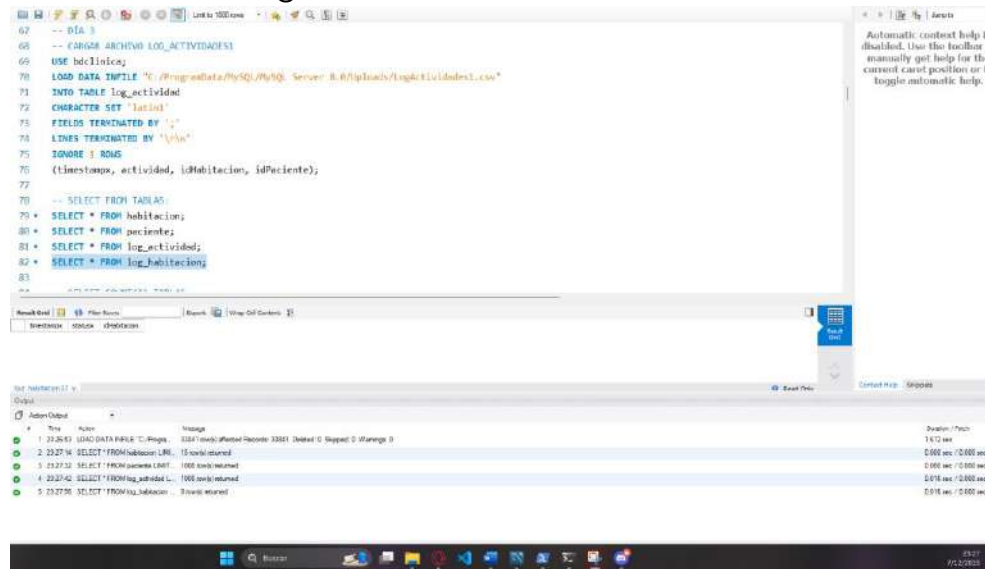
1 21:26:53 LOAD DATA INFILE 'C:\ProgramData\MySQL\MySQL Server 8.0\ploader\logActividades1.csv' 3381 rows affected Records: 3381 Deleted: 0 Skipped: 0 Warnings: 0

2 21:27:14 SELECT * FROM log_habitacion LIMIT 100 rows returned

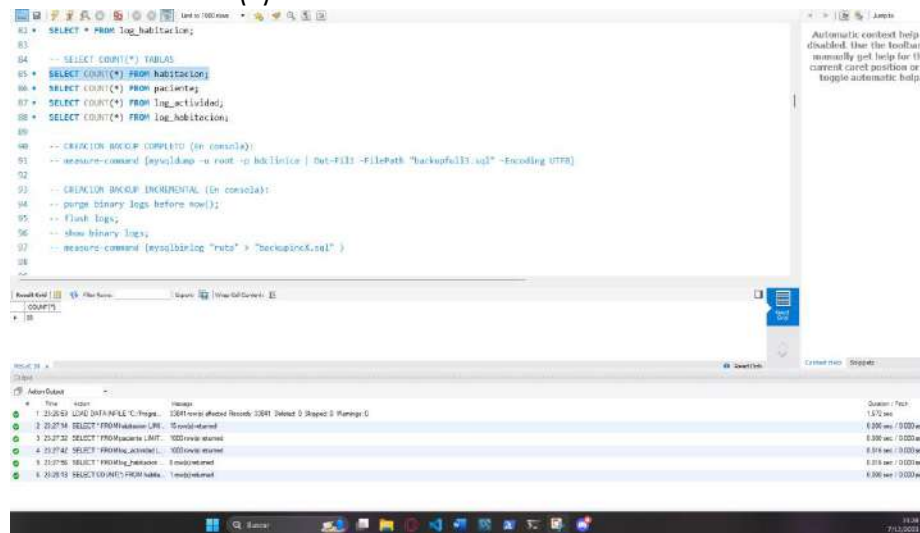
3 21:27:32 SELECT * FROM paciente LIMIT 100 rows returned

4 21:27:52 SELECT * FROM log_actividad LIMIT 100 rows returned

SELECT * FROM log_habitacion



SELECT COUNT(*) FROM habitacion



SELECT COUNT(*) FROM paciente

The screenshot shows a MySQL IDE with a SQL script in the editor. The script includes several SELECT statements and database management commands. The results pane at the bottom shows the execution of the script, with a table of results.

```
82 * SELECT * FROM log_habitacion;
83
84 -- SELECT COUNT(*) TABLAS
85 * SELECT COUNT(*) FROM habitacion;
86 * SELECT COUNT(*) FROM paciente;
87 * SELECT COUNT(*) FROM log_actividad;
88 * SELECT COUNT(*) FROM log_habitacion;
89
90 -- CREACION BACKUP COMPLETO (En consola):
91 -- measure-command [mysqldump -u root -p bdclinica | Out-File -filePath "backup\all3.sql" -Encoding UTF8]
92
93 -- CREACION BACKUP INCREMENTAL (En consola):
94 -- purge binary logs before now();
95 -- flush logs;
96 -- show binary logs;
97 -- measure-command [mysqlbinlog "ruta" > "backup\inc3.sql"]
98
99
```

Results Grid: 144384

Time	Action	Duration	Warn
1 23:26:53	LOAD DATA INFILE 'C:\Program... 33841 rows affected Records: 33841 Deleted: 0 Skipped: 0 Warnings: 0	1.672 sec	
2 23:27:14	SELECT * FROM habitacion LIMIT... 15 rows returned	0.000 sec / 0.000 sec	
3 23:27:15	SELECT * FROM paciente LIMIT... 1000 rows returned	0.000 sec / 0.000 sec	
4 23:27:42	SELECT * FROM log_actividad LIMIT... 1000 rows returned	0.016 sec / 0.000 sec	
5 23:27:50	SELECT * FROM log_habitacion... 0 rows returned	0.016 sec / 0.000 sec	
6 23:28:11	SELECT COUNT(*) FROM habitacion... 1 row(s) returned	0.000 sec / 0.000 sec	
7 23:28:16	SELECT COUNT(*) FROM paciente... 1 row(s) returned	0.000 sec / 0.000 sec	

SELECT COUNT(*) FROM log_actividad

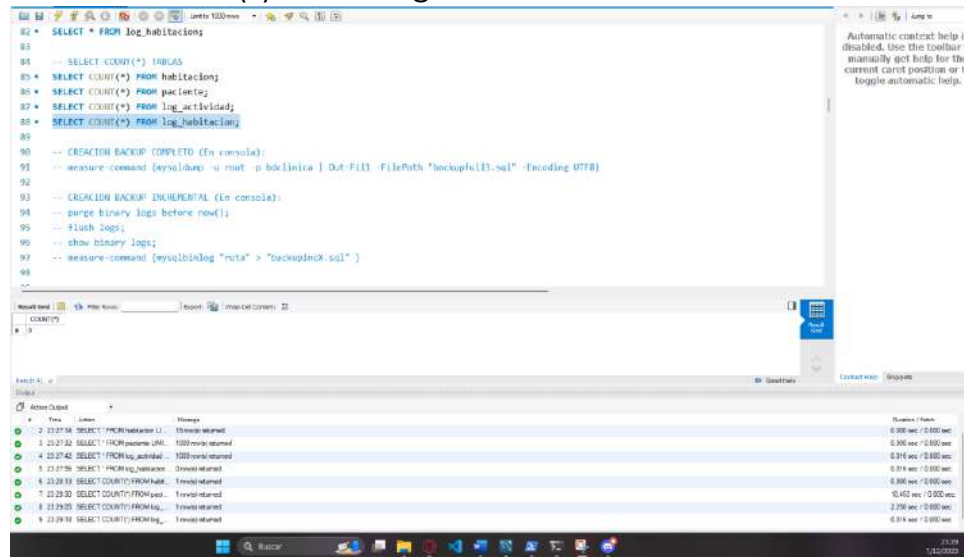
The screenshot shows a MySQL IDE with a SQL script in the editor. The script includes several SELECT statements and database management commands. The results pane at the bottom shows the execution of the script, with a table of results.

```
82 * SELECT * FROM log_habitacion;
83
84 -- SELECT COUNT(*) TABLAS
85 * SELECT COUNT(*) FROM habitacion;
86 * SELECT COUNT(*) FROM paciente;
87 * SELECT COUNT(*) FROM log_actividad;
88 * SELECT COUNT(*) FROM log_habitacion;
89
90 -- CREACION BACKUP COMPLETO (En consola):
91 -- measure-command [mysqldump -u root -p bdclinica | Out-File -filePath "backup\all3.sql" -Encoding UTF8]
92
93 -- CREACION BACKUP INCREMENTAL (En consola):
94 -- purge binary logs before now();
95 -- flush logs;
96 -- show binary logs;
97 -- measure-command [mysqlbinlog "ruta" > "backup\inc3.sql"]
98
99
```

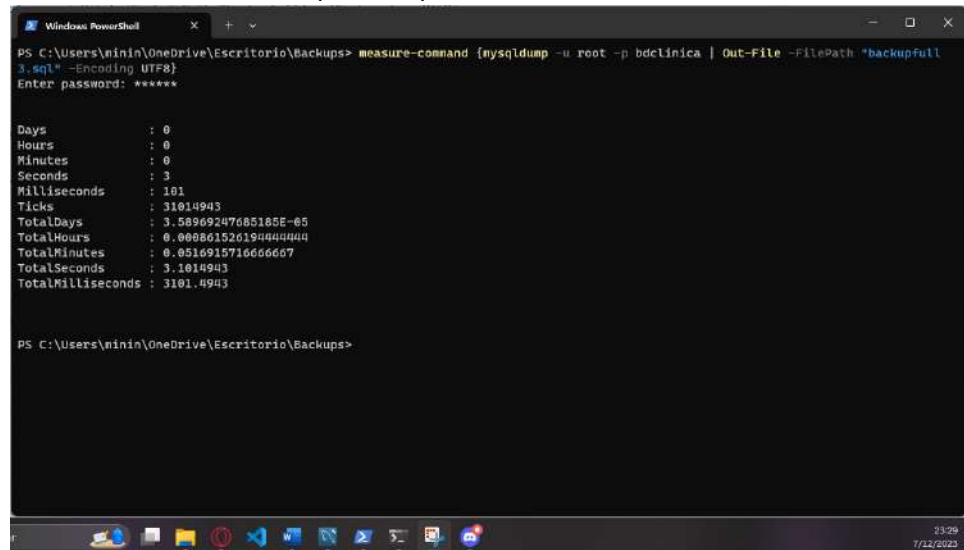
Results Grid: 144384

Time	Action	Duration	Warn
1 23:26:53	LOAD DATA INFILE 'C:\Program... 33841 rows affected Records: 33841 Deleted: 0 Skipped: 0 Warnings: 0	1.672 sec	
2 23:27:14	SELECT * FROM habitacion LIMIT... 15 rows returned	0.000 sec / 0.000 sec	
3 23:27:15	SELECT * FROM paciente LIMIT... 1000 rows returned	0.000 sec / 0.000 sec	
4 23:27:42	SELECT * FROM log_actividad LIMIT... 1000 rows returned	0.016 sec / 0.000 sec	
5 23:27:50	SELECT * FROM log_habitacion... 0 rows returned	0.016 sec / 0.000 sec	
6 23:28:11	SELECT COUNT(*) FROM habitacion... 1 row(s) returned	0.000 sec / 0.000 sec	
7 23:28:16	SELECT COUNT(*) FROM paciente... 1 row(s) returned	0.000 sec / 0.000 sec	
8 23:28:46	SELECT COUNT(*) FROM log_actividad... 1 row(s) returned	0.000 sec / 0.000 sec	

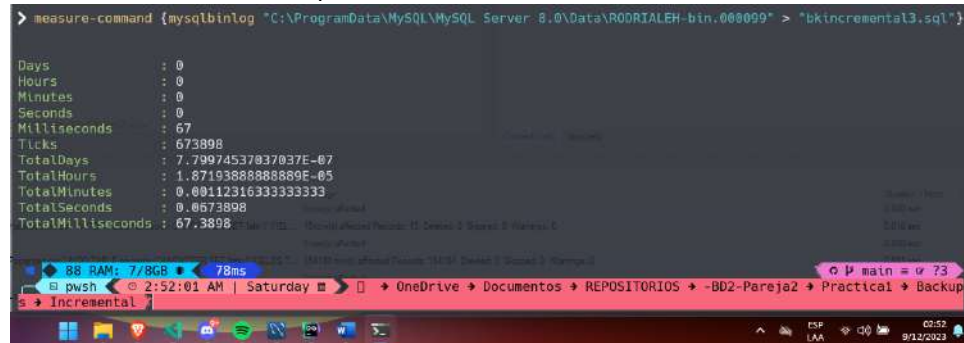
SELECT COUNT(*) FROM log_habitacion



Creación de backup completo



Creación de backup incremental



- Día 4

Carga de Datos

```

100 -- día 4
101 -- CARGAR ARCHIVO LOG_ACTIVIDADES2
102 * USE hcdclinic;
103 * LOAD DATA INFILE 'C:\ProgramData\F5SQL\F5SQL_Server\B.V\Downloads\logActividades2.csv'
104 INTO TABLE log_actividad
105 CHARACTER SET 'latin1'
106 FIELDS TERMINATED BY ','
107 LINES TERMINATED BY '\n'
108 IGNORE 1 ROWS
109 (timestamp, actividad, idhabitacion, idPaciente);
110
111 -- SELECT FROM TABLAS
112 * SELECT * FROM habitacion;
113 * SELECT * FROM paciente;
114 * SELECT * FROM log_actividad;
115 * SELECT * FROM log_habitacion;
116
117 -- SELECT COUNT(*) TABLAS
118 * SELECT COUNT(*) FROM habitacion;
119 * SELECT COUNT(*) FROM paciente;
120 * SELECT COUNT(*) FROM log_actividad;
121 * SELECT COUNT(*) FROM log_habitacion;
122

```

Execution Log:

Time	Text	Warnings	Duration / Spent
1 23:10:18	USE hcdclinic	Errors: 0/Warnings: 0	0.00 sec
2 23:10:21	LOAD DATA INFILE 'C:\ProgramData\F5SQL\F5SQL_Server\B.V\Downloads\logActividades2.csv'	Errors: 0/Warnings: 0	2.60 sec

SELECT * FROM habitacion

```

200 -- día 4
201 -- CARGAR ARCHIVO LOG_ACTIVIDADES2
202 * USE hcdclinic;
203 * LOAD DATA INFILE 'C:\ProgramData\F5SQL\F5SQL_Server\B.V\Downloads\logActividades2.csv'
204 INTO TABLE log_actividad
205 CHARACTER SET 'latin1'
206 FIELDS TERMINATED BY ','
207 LINES TERMINATED BY '\n'
208 IGNORE 1 ROWS
209 (timestamp, actividad, idhabitacion, idPaciente);
210
211 -- SELECT FROM TABLAS
212 * SELECT * FROM habitacion;
213 * SELECT * FROM paciente;
214 * SELECT * FROM log_actividad;
215 * SELECT * FROM log_habitacion;
216

```

Execution Log:

Time	Text	Warnings	Duration / Spent
1 23:10:18	USE hcdclinic	Errors: 0/Warnings: 0	0.00 sec
2 23:10:21	LOAD DATA INFILE 'C:\ProgramData\F5SQL\F5SQL_Server\B.V\Downloads\logActividades2.csv'	Errors: 0/Warnings: 0	2.60 sec
3 23:10:21	SELECT * FROM habitacion	Errors: 0/Warnings: 0	0.00 sec / 11:02 sec

SELECT * FROM paciente

```

100 -- DIA 4
101 -- CARGAR ARCHIVO LOG_ACTIVIDADES2
102 * USE bdclinica;
103 * LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/LogActividades2.csv'
104 INTO TABLE log_actividad
105 CHARACTER SET 'latin1'
106 FIELDS TERMINATED BY ';'
107 LINES TERMINATED BY '\n\n'
108 IGNORE 1 ROWS
109 (timestamp, actividad, idHabitacion, idPaciente);
110
111 -- SELECT FROM TABLAS:
112 * SELECT * FROM habitacion;
113 * SELECT * FROM paciente;
114 * SELECT * FROM log_actividad;
115 * SELECT * FROM log_habitacion;
116

```

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

idPaciente	idHabitacion	idActividad	timestamp
100000	10	10	2020-01-01 10:00:00
100001	10	10	2020-01-01 10:00:00
100002	10	10	2020-01-01 10:00:00
100003	10	10	2020-01-01 10:00:00
100004	10	10	2020-01-01 10:00:00

Action Output

Time	Action	Records affected	Duration
2020-01-01 10:00:00	USE bdclinica	0 records affected	0.000 sec
2020-01-01 10:00:00	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/LogActividades2.csv'	3304 records affected	2.010 sec
2020-01-01 10:00:00	SELECT * FROM habitacion	15 records returned	0.000 sec / 0.000 sec
2020-01-01 10:00:00	SELECT * FROM paciente	15 records returned	0.000 sec / 0.000 sec
2020-01-01 10:00:00	SELECT * FROM log_actividad	3304 records returned	0.000 sec / 0.000 sec
2020-01-01 10:00:00	SELECT * FROM log_habitacion	3304 records returned	0.000 sec / 0.000 sec

SELECT * FROM log_actividad

```

100 -- DIA 4
101 -- CARGAR ARCHIVO LOG_ACTIVIDADES2
102 * USE bdclinica;
103 * LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/LogActividades2.csv'
104 INTO TABLE log_actividad
105 CHARACTER SET 'latin1'
106 FIELDS TERMINATED BY ';'
107 LINES TERMINATED BY '\n\n'
108 IGNORE 1 ROWS
109 (timestamp, actividad, idHabitacion, idPaciente);
110
111 -- SELECT FROM TABLAS:
112 * SELECT * FROM habitacion;
113 * SELECT * FROM paciente;
114 * SELECT * FROM log_actividad;
115 * SELECT * FROM log_habitacion;
116

```

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

idPaciente	idHabitacion	idActividad	timestamp
100000	10	10	2020-01-01 10:00:00
100001	10	10	2020-01-01 10:00:00
100002	10	10	2020-01-01 10:00:00
100003	10	10	2020-01-01 10:00:00
100004	10	10	2020-01-01 10:00:00

Action Output

Time	Action	Records affected	Duration
2020-01-01 10:00:00	USE bdclinica	0 records affected	0.000 sec
2020-01-01 10:00:00	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/Uploads/LogActividades2.csv'	3304 records affected	2.010 sec
2020-01-01 10:00:00	SELECT * FROM habitacion	15 records returned	0.000 sec / 0.000 sec
2020-01-01 10:00:00	SELECT * FROM paciente	15 records returned	0.000 sec / 0.000 sec
2020-01-01 10:00:00	SELECT * FROM log_actividad	3304 records returned	0.000 sec / 0.000 sec
2020-01-01 10:00:00	SELECT * FROM log_habitacion	3304 records returned	0.000 sec / 0.000 sec

SELECT * FROM log_habitacion

The screenshot shows the SQL Server Enterprise Manager interface. The query window displays the following SQL code:

```
106 FIELDS TERMINATED BY ','
107 LINES TERMINATED BY '\n'
108 IGNORE 1 ROWS
109 (timestamp, actividad, idHabitacion, idPaciente);
110
111 -- SELECT FROM TABLAS:
112 * SELECT * FROM habitacion;
113 * SELECT * FROM paciente;
114 * SELECT * FROM log_actividad;
115 * SELECT * FROM log_habitacion;
116
117 -- SELECT COUNT(*) TABLAS:
118 * SELECT COUNT(*) FROM habitacion;
119 * SELECT COUNT(*) FROM paciente;
120 * SELECT COUNT(*) FROM log_actividad;
121 * SELECT COUNT(*) FROM log_habitacion;
122
```

The Results pane shows the execution plan and the results of the query. The results are as follows:

Time	Action	Message	Duration / Paces
1 23:30:05	USE Database	0 rows affected	0:00 sec
2 23:30:21	LOAD DATA FILE 'C:\Program...	1342 rows affected Rows: 1342 Deleted: 0 Skipped: 0 Warnings: 0	2:510 sec
3 23:30:38	SELECT * FROM habitacion LIMIT...	15 rows returned	0:000 sec / 0:000 sec
4 23:30:40	SELECT * FROM paciente LIMIT...	100 rows returned	0:000 sec / 0:000 sec
5 23:30:58	SELECT * FROM log_actividad LIMIT...	100 rows returned	0:018 sec / 0:000 sec
6 23:31:13	SELECT * FROM log_habitacion...	0 rows returned	0:000 sec / 0:015 sec

SELECT COUNT(*) FROM habitacion

The screenshot shows the SQL Server Enterprise Manager interface. The query window displays the following SQL code:

```
106 FIELDS TERMINATED BY ','
107 LINES TERMINATED BY '\n'
108 IGNORE 1 ROWS
109 (timestamp, actividad, idHabitacion, idPaciente);
110
111 -- SELECT FROM TABLAS:
112 * SELECT * FROM habitacion;
113 * SELECT * FROM paciente;
114 * SELECT * FROM log_actividad;
115 * SELECT * FROM log_habitacion;
116
117 -- SELECT COUNT(*) TABLAS:
118 * SELECT COUNT(*) FROM habitacion;
119 * SELECT COUNT(*) FROM paciente;
120 * SELECT COUNT(*) FROM log_actividad;
121 * SELECT COUNT(*) FROM log_habitacion;
122
```

The Results pane shows the execution plan and the results of the query. The results are as follows:

Time	Action	Message	Duration / Paces
1 23:30:05	USE Database	0 rows affected	0:00 sec
2 23:30:21	LOAD DATA FILE 'C:\Program...	1342 rows affected Rows: 1342 Deleted: 0 Skipped: 0 Warnings: 0	2:510 sec
3 23:30:38	SELECT * FROM habitacion LIMIT...	15 rows returned	0:000 sec / 0:000 sec
4 23:30:40	SELECT * FROM paciente LIMIT...	100 rows returned	0:000 sec / 0:000 sec
5 23:30:58	SELECT * FROM log_actividad LIMIT...	100 rows returned	0:018 sec / 0:000 sec
6 23:31:13	SELECT * FROM log_habitacion...	0 rows returned	0:000 sec / 0:015 sec
7 23:31:28	SELECT COUNT(*) FROM habitacion	1 rows returned	0:000 sec / 0:000 sec

SELECT COUNT(*) FROM paciente

The screenshot shows the MySQL Workbench interface. The SQL editor contains the following code:

```
106 FIELDS TERMINATED BY '\t';
107 LINES TERMINATED BY '\n';
108 IGNORE 1 ROWS;
109 (timestamp, actividad, idHabitacion, idPaciente);
110
111 -- SELECT FROM TABLAS:
112 * SELECT * FROM habitacion;
113 * SELECT * FROM paciente;
114 * SELECT * FROM log_actividad;
115 * SELECT * FROM log_habitacion;
116
117 -- SELECT COUNT(*) TABLAS:
118 * SELECT COUNT(*) FROM habitacion;
119 * SELECT COUNT(*) FROM paciente;
120 * SELECT COUNT(*) FROM log_actividad;
121 * SELECT COUNT(*) FROM log_habitacion;
122
```

The 'Results' pane shows the output of the query:

COUNT(*)
154184

The 'Query Output' pane shows the execution progress:

Time	Action	Message	Duration / Progress
21:20:08	USE database	8 rows affected	0.000 sec
21:20:21	LOAD DATA INFILE 'C:\Program Files\MySQL\bin\mysql.exe'...	33845 rows affected Records: 33845 Deleted: 0 Skipped: 0 Warnings: 0	24.16 sec
21:20:26	SELECT * FROM habitacion LIMIT 10 rows returned		0.000 sec / 0.000 sec
21:20:49	SELECT * FROM paciente LIMIT 1000 rows returned		0.000 sec / 0.000 sec
21:20:54	SELECT * FROM log_actividad LIMIT 1000 rows returned		0.016 sec / 0.000 sec
21:21:13	SELECT * FROM log_habitacion LIMIT 10 rows returned		0.000 sec / 0.015 sec
21:21:24	SELECT COUNT(*) FROM habitacion	1 rows returned	0.000 sec / 0.000 sec
21:21:52	SELECT COUNT(*) FROM paciente	1 rows returned	0.730 sec / 0.000 sec

SELECT COUNT(*) FROM log_actividad

The screenshot shows the MySQL Workbench interface. The SQL editor contains the following code:

```
115 * SELECT * FROM log_habitacion;
116
117 -- SELECT COUNT(*) TABLAS:
118 * SELECT COUNT(*) FROM habitacion;
119 * SELECT COUNT(*) FROM paciente;
120 * SELECT COUNT(*) FROM log_actividad;
121 * SELECT COUNT(*) FROM log_habitacion;
122
123 -- CREATION BACKUP COMPLETE (in console):
124 -- measure-command (mysqldump -u root -p bdi@linica | Out-File -FilePath "backupfull14.sql" -Encoding UTF8)
125
126 -- CREATION BACKUP INCREMENTAL (in console):
127 -- purge binary logs before now();
128 -- flush logs;
129 -- show binary logs;
130 -- measure-command (mysqlbinlog "ruta" > "backupincr.sql")
131
```

The 'Results' pane shows the output of the query:

COUNT(*)
67004

The 'Query Output' pane shows the execution progress:

Time	Action	Message	Duration / Progress
21:20:21	LOAD DATA INFILE 'C:\Program Files\MySQL\bin\mysql.exe'...	33845 rows affected Records: 33845 Deleted: 0 Skipped: 0 Warnings: 0	2.050 sec
21:20:26	SELECT * FROM habitacion LIMIT 10 rows returned		0.000 sec / 0.000 sec
21:20:49	SELECT * FROM paciente LIMIT 1000 rows returned		0.000 sec / 0.000 sec
21:20:54	SELECT * FROM log_actividad LIMIT 1000 rows returned		0.016 sec / 0.000 sec
21:21:13	SELECT * FROM log_habitacion LIMIT 10 rows returned		0.000 sec / 0.015 sec
21:21:24	SELECT COUNT(*) FROM habitacion	1 rows returned	0.000 sec / 0.000 sec
21:21:52	SELECT COUNT(*) FROM paciente	1 rows returned	0.730 sec / 0.000 sec
21:22:10	SELECT COUNT(*) FROM log_actividad	1 rows returned	4.300 sec / 0.000 sec

SELECT COUNT(*) FROM log_habitacion

The screenshot shows a MySQL Workbench window with a SQL query editor and a results pane. The query editor contains the following SQL code:

```

115 SELECT * FROM log_habitacion;
116
117 -- SELECT COUNT(*) TABLES:
118 SELECT COUNT(*) FROM habitacion;
119 SELECT COUNT(*) FROM paciente;
120 SELECT COUNT(*) FROM log_actividad;
121 SELECT COUNT(*) FROM log_habitacion;
122
123 -- CREACION BACKUP COMPLETO (En consola):
124 -- measure-command (mysqldump -u root -p bdclinica | Out-File -FilePath "backupfull4.sql" -Encoding UTF8)
125
126 -- CREACION BACKUP INCREMENTAL (En consola):
127 -- purge binary logs before now();
128 -- flush logs;
129 -- show binary logs;
130 -- measure-command (mysqlbinlog "ruta" > "backuinoX.sql" );
131

```

The results pane shows the output of the query, which is a single row with the value 10.

Column	Value
COUNT(*)	10

Creación de backup completo

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

```

PS C:\Users\minin\OneDrive\Escritorio\Backups> measure-command {mysqldump -u root -p bdclinica | Out-File -FilePath "backupfull4.sql" -Encoding UTF8}
Enter password: *****

Days           : 0
Hours          : 0
Minutes        : 0
Seconds        : 2
Milliseconds    : 836
Ticks          : 28367832
TotalDays      : 3.28331388888889E-05
TotalHours     : 0.000787995333333333
TotalMinutes   : 0.04727972
TotalSeconds    : 2.8367832
TotalMilliseconds : 2836.7832

PS C:\Users\minin\OneDrive\Escritorio\Backups>

```

Creación de backup incremental

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

```

> measure-command {mysqlbinlog "C:\ProgramData\MySQL\MySQL Server 8.0\Data\B0DRIALEH-bin.000100" > "bkincrmental4.sql"}

Days           : 0
Hours          : 0
Minutes        : 0
Seconds        : 0
Milliseconds    : 64
Ticks          : 645782
TotalDays      : 7.4743287037037E-07
TotalHours     : 1.79383888888889E-05
TotalMinutes   : 0.00107630333333333
TotalSeconds    : 0.0645782
TotalMilliseconds : 64.5782

```

The screenshot also shows a taskbar at the bottom with the following information: 86 RAM: 7/8GB, 74ms, 2:53:11 AM, Saturday, 8/12/2023.

- Día 5

Carga de Datos

```

138 -- measure-command (mysqlbinlog "ruta" > "backupinC.sql" )
139
140
141
142 -- DIA 5
143 -- CARGAR ARCHIVO LOG_HABITACIONES
144 * USE bcclinica;
145 * LOAD DATA INFILE "C:/ProgramData/MySQL/MySQL Server 8.0/backup/log_habitacion.csv"
146 * INTO TABLE log_habitacion
147 * CHARACTER SET 'latin1'
148 * FIELDS TERMINATED BY ';'
149 * LINES TERMINATED BY '\n\n'
150 * IGNORE 1 ROWS
151 (idHabitacion, timestamp, statusX);
152
153
154 -- SELECT FROM TABLAS:
155 * SELECT * FROM habitacion;
156 * SELECT * FROM paciente;
157 * SELECT * FROM log_actividad;
158 * SELECT * FROM log_habitacion;
159
160 -- SELECT COUNT(*) TABLAS:
161 * SELECT COUNT(*) FROM habitacion;
162 * SELECT COUNT(*) FROM paciente;

```

Output

Time	Action	Message	Duration / Rows
1 23:34:41	USE bcclinica	Database affected	0:00 sec
2 23:34:45	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/backup/log_habitacion.csv'	3467 rows affected Rows: 3467 Deleted: 0 Skipped: 0 Warnings: 0	0:00 sec

SELECT * FROM habitacion

```

138 -- measure-command (mysqlbinlog "ruta" > "backupinC.sql" )
139
140
141
142 -- DIA 5
143 -- CARGAR ARCHIVO LOG_HABITACIONES
144 * USE bcclinica;
145 * LOAD DATA INFILE "C:/ProgramData/MySQL/MySQL Server 8.0/backup/log_habitacion.csv"
146 * INTO TABLE log_habitacion
147 * CHARACTER SET 'latin1'
148 * FIELDS TERMINATED BY ';'
149 * LINES TERMINATED BY '\n\n'
150 * IGNORE 1 ROWS
151 (idHabitacion, timestamp, statusX);
152
153
154 -- SELECT FROM TABLAS:
155 * SELECT * FROM habitacion;
156 * SELECT * FROM paciente;

```

Result Grid

idHabitacion	habitacion
1	Salas de exámenes 1
2	Salas de exámenes 2
3	Salas de exámenes 3
4	Salas de exámenes 4
5	Salas de exámenes 5

Output

Time	Action	Message	Duration / Rows
1 23:34:41	USE bcclinica	Database affected	0:00 sec
2 23:34:45	LOAD DATA INFILE 'C:/ProgramData/MySQL/MySQL Server 8.0/backup/log_habitacion.csv'	3467 rows affected Rows: 3467 Deleted: 0 Skipped: 0 Warnings: 0	0:00 sec
3 23:35:07	SELECT * FROM habitacion	15 rows returned	0:00 sec + 0:00 sec

SELECT * FROM paciente

The screenshot shows the SQL Server Enterprise Manager interface. The query editor at the top contains the following SQL code:

```
142 (idhabitacion, timestamp, status);
143
144 -- SELECT FROM TABLAS
145 * SELECT * FROM habitacion;
146 * SELECT * FROM paciente;
147 * SELECT * FROM log_actividad;
148 * SELECT * FROM log_habitacion;
149
150 -- SELECT COUNT(*) TABLAS
151 * SELECT COUNT(*) FROM habitacion;
152 * SELECT COUNT(*) FROM paciente;
153 * SELECT COUNT(*) FROM log_actividad;
154 * SELECT COUNT(*) FROM log_habitacion;
155
156 -- CREACION BACKUP COMPLETO (En consola):
157 -- measure-command (mysqldump -u root -p bdclinica | Out-Fill -FilePath "backupfull15.sql" -Encoding UTF8)
158
```

The Results pane shows the execution plan for the query. The table 'paciente' is selected. The table structure is as follows:

idpaciente	idMed	idMedic
100000	01	000001
100001	02	000002
100002	03	000003
100003	04	000004
100004	05	000005

The Activity Monitor pane shows the execution details for the query. The query is 'SELECT * FROM paciente' and it executed successfully. The duration was 0.000 sec / 0.000 sec.

SELECT * FROM log_actividad

The screenshot shows the SQL Server Enterprise Manager interface. The query editor at the top contains the following SQL code:

```
142 (idhabitacion, timestamp, status);
143
144 -- SELECT FROM TABLAS
145 * SELECT * FROM habitacion;
146 * SELECT * FROM paciente;
147 * SELECT * FROM log_actividad;
148 * SELECT * FROM log_habitacion;
149
150 -- SELECT COUNT(*) TABLAS
151 * SELECT COUNT(*) FROM habitacion;
152 * SELECT COUNT(*) FROM paciente;
153 * SELECT COUNT(*) FROM log_actividad;
154 * SELECT COUNT(*) FROM log_habitacion;
155
156 -- CREACION BACKUP COMPLETO (En consola):
157 -- measure-command (mysqldump -u root -p bdclinica | Out-Fill -FilePath "backupfull15.sql" -Encoding UTF8)
158
```

The Results pane shows the execution plan for the query. The table 'log_actividad' is selected. The table structure is as follows:

id_log_actividad	timestamp	actividad	idpaciente	idhabitacion
140001	2023-01-01 12:00:00	Paciente se encuentra en la habitación.	140001	140001
140002	2023-01-01 12:00:00	Paciente se encuentra en la habitación.	140002	140002
140003	2023-01-01 12:00:00	Paciente se encuentra en la habitación.	140003	140003
140004	2023-01-01 12:00:00	Paciente se encuentra en la habitación.	140004	140004
140005	2023-01-01 12:00:00	Paciente se encuentra en la habitación.	140005	140005

The Activity Monitor pane shows the execution details for the query. The query is 'SELECT * FROM log_actividad' and it executed successfully. The duration was 0.000 sec / 0.000 sec.

SELECT * FROM log_habitacion

The screenshot shows a SQL IDE with a query editor and a results pane. The query editor contains the following SQL code:

```
142 (idhabitacion, timestamp, statusX);
143
144 -- SELECT FROM TABLAS:
145 * SELECT * FROM habitacion;
146 * SELECT * FROM paciente;
147 * SELECT * FROM log_actividad;
148 * SELECT * FROM log_habitacion;
149
150 -- SELECT COUNT(*) TABLAS:
151 * SELECT COUNT(*) FROM habitacion;
152 * SELECT COUNT(*) FROM paciente;
153 * SELECT COUNT(*) FROM log_actividad;
154 * SELECT COUNT(*) FROM log_habitacion;
155
156 -- CREACION BACKUP COMPLETO (En consola):
157 -- measure-command [mysqldump -u root -p bdcinica | Out-Fill -FilePath "backupfull3.sql" -encoding UTF8]
158
```

The results pane shows the output of the query execution. It displays a table with columns 'idhabitacion', 'timestamp', and 'statusX'. The table contains 10 rows of data. The status of the query is 'Completed' and the duration is 0.016 sec / 0.000 sec.

SELECT COUNT(*) FROM habitacion

The screenshot shows a SQL IDE with a query editor and a results pane. The query editor contains the following SQL code:

```
142 (idhabitacion, timestamp, statusX);
143
144 -- SELECT FROM TABLAS:
145 * SELECT * FROM habitacion;
146 * SELECT * FROM paciente;
147 * SELECT * FROM log_actividad;
148 * SELECT * FROM log_habitacion;
149
150 -- SELECT COUNT(*) TABLAS:
151 * SELECT COUNT(*) FROM habitacion;
152 * SELECT COUNT(*) FROM paciente;
153 * SELECT COUNT(*) FROM log_actividad;
154 * SELECT COUNT(*) FROM log_habitacion;
155
156 -- CREACION BACKUP COMPLETO (En consola):
157 -- measure-command [mysqldump -u root -p bdcinica | Out-Fill -FilePath "backupfull3.sql" -encoding UTF8]
158
```

The results pane shows the output of the query execution. It displays a table with columns 'COUNT(*)'. The table contains 1 row of data. The status of the query is 'Completed' and the duration is 0.016 sec / 0.000 sec.

SELECT COUNT(*) FROM paciente

The screenshot shows the SQL Server Enterprise Manager interface. The query editor displays the following SQL code:

```
142 (idhabitacion, timestamp, status);
143
144 -- SELECT FROM TABLAS:
145 * SELECT * FROM habitacion;
146 * SELECT * FROM paciente;
147 * SELECT * FROM log_actividad;
148 * SELECT * FROM log_habitacion;
149
150 -- SELECT COUNT(*) TABLAS:
151 * SELECT COUNT(*) FROM habitacion;
152 * SELECT COUNT(*) FROM paciente;
153 * SELECT COUNT(*) FROM log_actividad;
154 * SELECT COUNT(*) FROM log_habitacion;
155
156 -- CREATION BACKUP COMPLETED (in console):
157 -- measure-command (mysqldump -u root -p hoklinica | Out-Fill -FilePath "backup\all5.sql" -Encoding UTF8)
158
```

The query results pane shows the execution plan for the query. The results are as follows:

Step	Time	Command	Rows	Duration	Estimated
1	20:36:03	SELECT * FROM log_actividad L...	100 rows returned	0.01 sec / 0.00 sec	0.01 sec / 0.00 sec
2	20:36:16	SELECT * FROM log_habitacion...	100 rows returned	0.01 sec / 0.00 sec	0.01 sec / 0.00 sec
3	20:36:18	SELECT COUNT(*) FROM habitacion...	1 row returned	0.01 sec / 0.00 sec	0.01 sec / 0.00 sec
4	20:36:42	SELECT COUNT(*) FROM paciente...	1 row returned	0.01 sec / 0.00 sec	0.01 sec / 0.00 sec

SELECT COUNT(*) FROM log_actividad

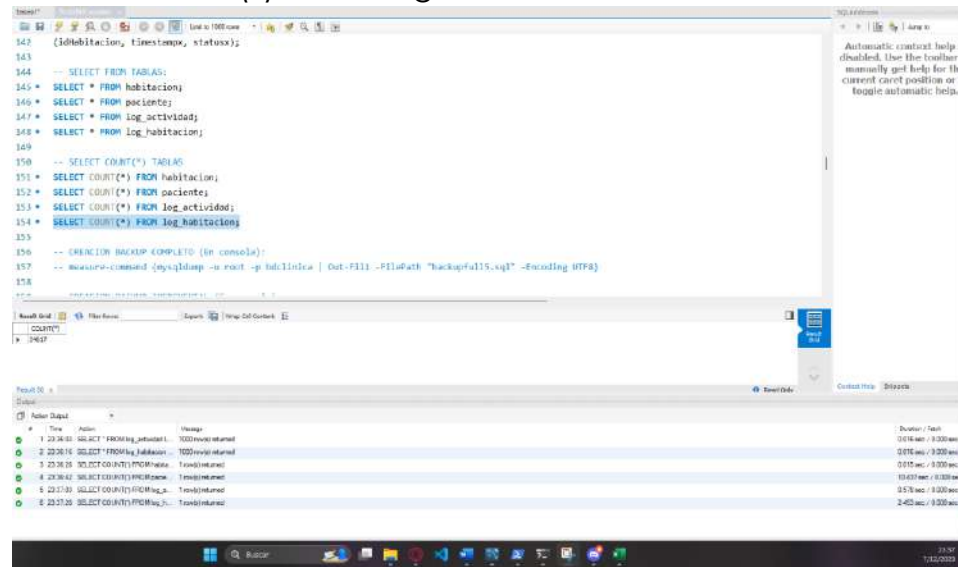
The screenshot shows the SQL Server Enterprise Manager interface. The query editor displays the following SQL code:

```
142 (idhabitacion, timestamp, status);
143
144 -- SELECT FROM TABLAS:
145 * SELECT * FROM habitacion;
146 * SELECT * FROM paciente;
147 * SELECT * FROM log_actividad;
148 * SELECT * FROM log_habitacion;
149
150 -- SELECT COUNT(*) TABLAS:
151 * SELECT COUNT(*) FROM habitacion;
152 * SELECT COUNT(*) FROM paciente;
153 * SELECT COUNT(*) FROM log_actividad;
154 * SELECT COUNT(*) FROM log_habitacion;
155
156 -- CREATION BACKUP COMPLETED (in console):
157 -- measure-command (mysqldump -u root -p hoklinica | Out-Fill -FilePath "backup\all5.sql" -Encoding UTF8)
158
```

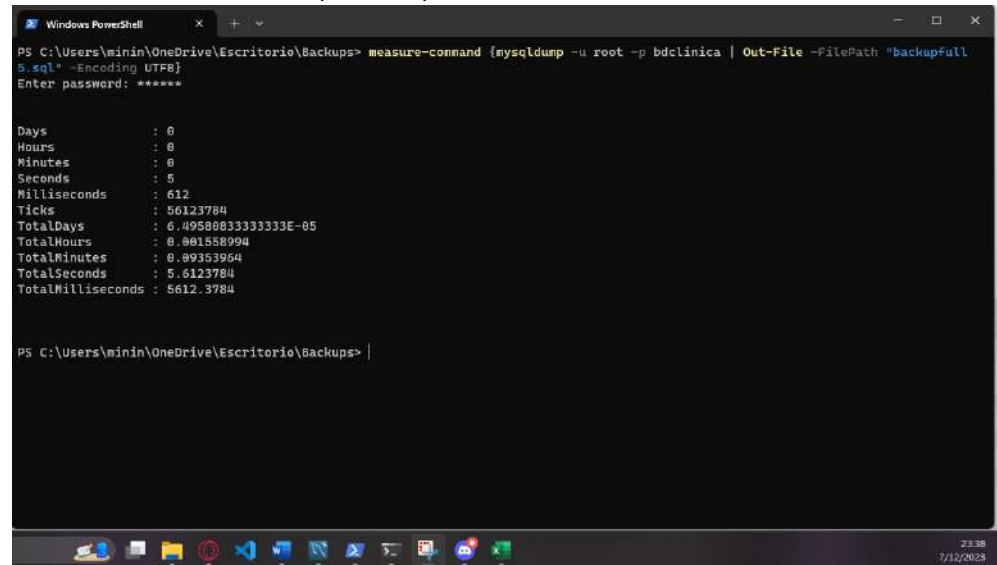
The query results pane shows the execution plan for the query. The results are as follows:

Step	Time	Command	Rows	Duration	Estimated
1	20:36:03	SELECT * FROM log_actividad L...	100 rows returned	0.01 sec / 0.00 sec	0.01 sec / 0.00 sec
2	20:36:16	SELECT * FROM log_habitacion...	100 rows returned	0.01 sec / 0.00 sec	0.01 sec / 0.00 sec
3	20:36:18	SELECT COUNT(*) FROM habitacion...	1 row returned	0.01 sec / 0.00 sec	0.01 sec / 0.00 sec
4	20:36:42	SELECT COUNT(*) FROM paciente...	1 row returned	0.01 sec / 0.00 sec	0.01 sec / 0.00 sec
5	20:37:03	SELECT COUNT(*) FROM log_actividad...	1 row returned	0.01 sec / 0.00 sec	0.01 sec / 0.00 sec

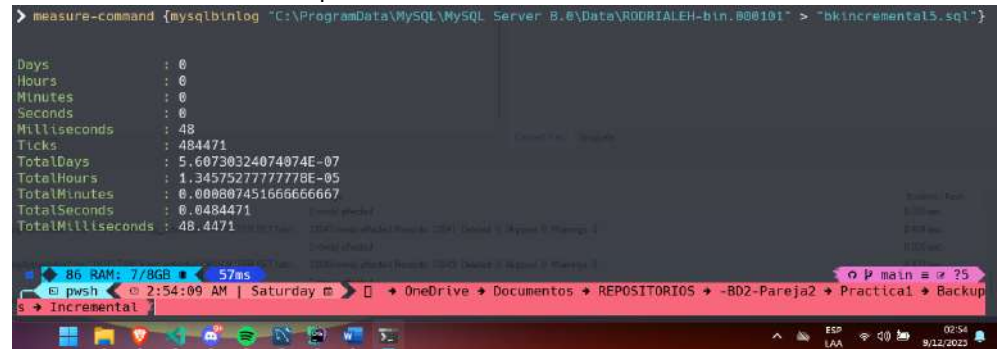
SELECT COUNT(*) FROM log_habitacion



Creación de backup completo



Creación de backup incremental



Restauración de Full backup

- Día 6

Eliminación de datos tabla log_habitacion

```
166 -- DIA 6:
167 -- ELIMINACION DATOS LOG HABITACION
168 * DELETE FROM log_habitacion;
169
170 -- ELIMINACION DATOS LOG ACTIVIDAD
171 * DELETE FROM log_actividad;
172
173 -- ELIMINACION DATOS PACIENTES
174 * DELETE FROM paciente;
175
176 -- ELIMINACION DATOS HABITACIONES
177 * DELETE FROM habitacion;
178
179 -- RESTAURACION TABLAS DIA 1 (backupfull1.sql) (CONSOLA) :
180 -- measure-command (mysqldump -u root -p bdclinica < backupfull1.sql)
181
182 -- SELECT FROM TABLAS:
183 * USE bdclinica;
184 * SELECT * FROM habitacion;
185 * SELECT * FROM paciente;
186 * SELECT * FROM log_actividad;
187 * SELECT * FROM log_habitacion;
188
189 -- SELECT COUNT(*) TABLAS
190 * SELECT COUNT(*) FROM habitacion;
```

Output

#	Time	Action	Message	Duration / Rows
1	10:28:27	DELETE FROM log_habitacion	34677 rows affected	1.903 sec

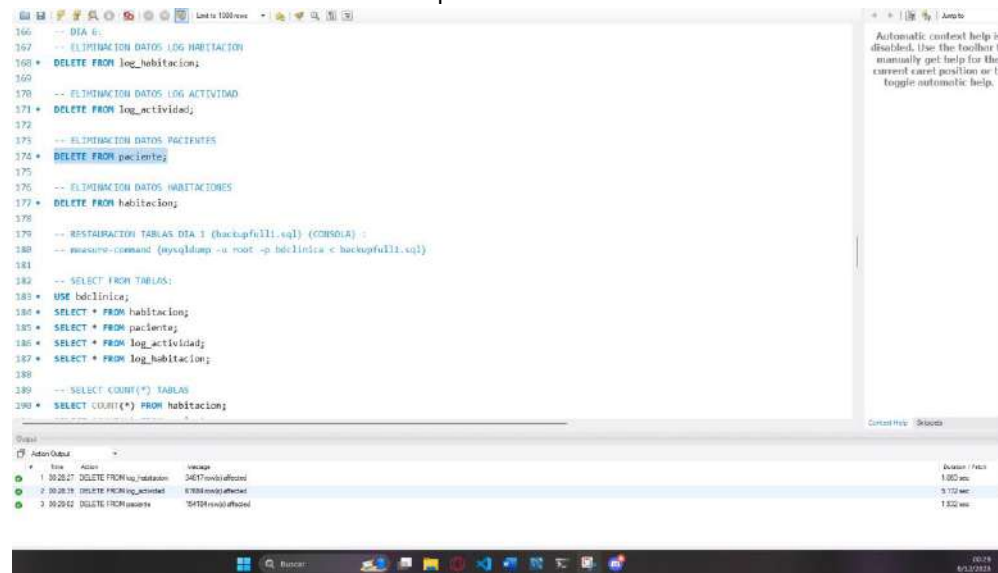
Eliminación de datos tabla log_actividad

```
165 -- DIA 6:
166 -- ELIMINACION DATOS LOG HABITACION
167 * DELETE FROM log_habitacion;
168
169 -- ELIMINACION DATOS LOG ACTIVIDAD
170 * DELETE FROM log_actividad;
171
172 -- ELIMINACION DATOS PACIENTES
173 * DELETE FROM paciente;
174
175 -- ELIMINACION DATOS HABITACIONES
176 * DELETE FROM habitacion;
177
178 -- RESTAURACION TABLAS DIA 1 (backupfull1.sql) (CONSOLA) :
179 -- measure-command (mysqldump -u root -p bdclinica < backupfull1.sql)
180
181 -- SELECT FROM TABLAS:
182 * USE bdclinica;
183 * SELECT * FROM habitacion;
184 * SELECT * FROM paciente;
185 * SELECT * FROM log_actividad;
186 * SELECT * FROM log_habitacion;
187
188 -- SELECT COUNT(*) TABLAS
189 * SELECT COUNT(*) FROM habitacion;
```

Output

#	Time	Action	Message	Duration / Rows
1	10:28:27	DELETE FROM log_habitacion	34677 rows affected	1.903 sec
2	10:28:28	DELETE FROM log_actividad	6254 rows affected	0.172 sec

Eliminación de datos tabla paciente

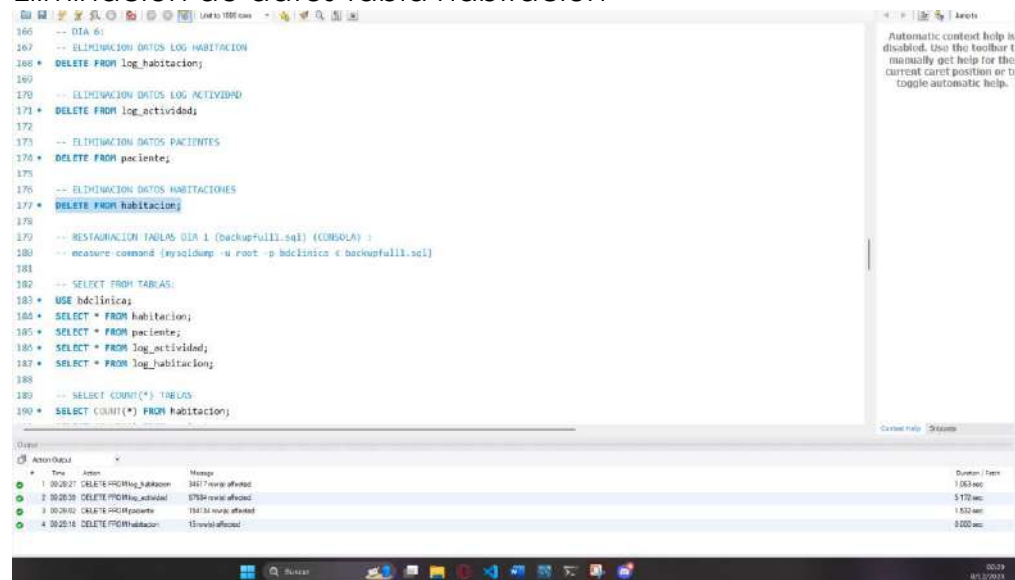


```
166 -- DIA 6:
167 -- ELIMINACION DATOS LOG HABITACION
168 * DELETE FROM log_habitacion;
169
170 -- ELIMINACION DATOS LOG ACTIVIDAD
171 * DELETE FROM log_actividad;
172
173 -- ELIMINACION DATOS PACIENTES
174 * DELETE FROM paciente;
175
176 -- ELIMINACION DATOS HABITACIONES
177 * DELETE FROM habitacion;
178
179 -- RESTAURACION TABLAS DIA 1 (backupfull.sql) (CONSOLE) :
180 -- measure-command (mysqldump -u root -p bdclinica < backupfull.sql)
181
182 -- SELECT FROM TABLAS:
183 * USE bdclinica;
184 * SELECT * FROM habitacion;
185 * SELECT * FROM paciente;
186 * SELECT * FROM log_actividad;
187 * SELECT * FROM log_habitacion;
188
189 -- SELECT COUNT(*) TABLAS
190 * SELECT COUNT(*) FROM habitacion;
```

Output

#	Time	Action	Message	Duration / Size
1	00:20:27	DELETE FROM log_habitacion	3427 rows affected	1.003 sec
2	00:20:28	DELETE FROM log_actividad	6704 rows affected	3.172 sec
3	00:20:32	DELETE FROM paciente	15413 rows affected	1.832 sec

Eliminación de datos tabla habitacion



```
166 -- DIA 6:
167 -- ELIMINACION DATOS LOG HABITACION
168 * DELETE FROM log_habitacion;
169
170 -- ELIMINACION DATOS LOG ACTIVIDAD
171 * DELETE FROM log_actividad;
172
173 -- ELIMINACION DATOS PACIENTES
174 * DELETE FROM paciente;
175
176 -- ELIMINACION DATOS HABITACIONES
177 * DELETE FROM habitacion;
178
179 -- RESTAURACION TABLAS DIA 1 (backupfull.sql) (CONSOLE) :
180 -- measure-command (mysqldump -u root -p bdclinica < backupfull.sql)
181
182 -- SELECT FROM TABLAS:
183 * USE bdclinica;
184 * SELECT * FROM habitacion;
185 * SELECT * FROM paciente;
186 * SELECT * FROM log_actividad;
187 * SELECT * FROM log_habitacion;
188
189 -- SELECT COUNT(*) TABLAS
190 * SELECT COUNT(*) FROM habitacion;
```

Output

#	Time	Action	Message	Duration / Size
1	00:20:27	DELETE FROM log_habitacion	3427 rows affected	1.003 sec
2	00:20:28	DELETE FROM log_actividad	6704 rows affected	3.172 sec
3	00:20:32	DELETE FROM paciente	15413 rows affected	1.832 sec
4	00:20:34	DELETE FROM habitacion	15 rows affected	0.000 sec

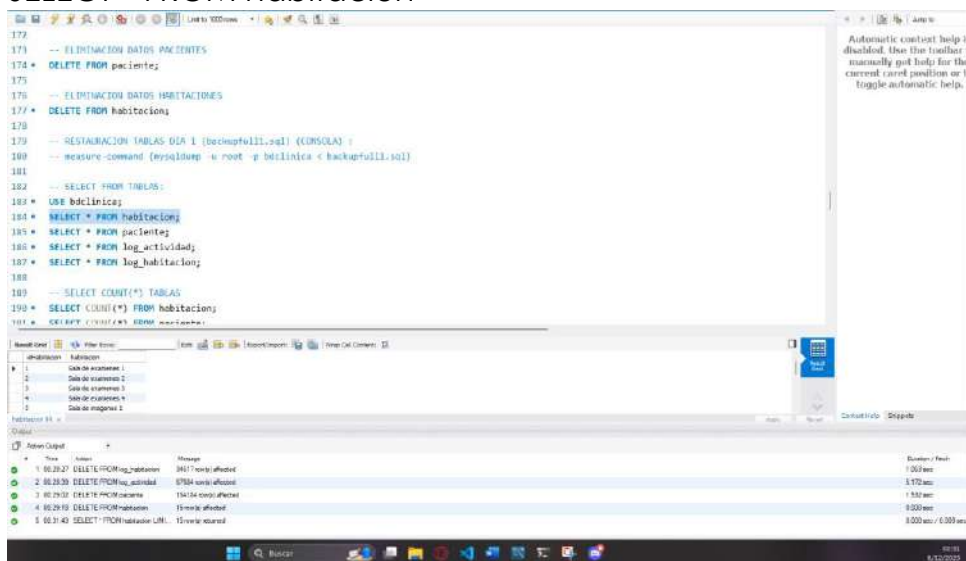
Restauración de full backup 1

```
Windows PowerShell
PS C:\Users\minin\OneDrive\Escritorio\Backups> measure-command [Get-Content "backupfull1.sql" | mysql -u root -p bdclinica]
Enter password: *****

Days           : 0
Hours          : 0
Minutes        : 0
Seconds        : 3
Milliseconds    : 415
Ticks          : 34159792
TotalDays      : 3.95367962962963E-05
TotalHours     : 0.000948883111111111
TotalMinutes   : 0.0569329866666667
TotalSeconds   : 3.4159792
TotalMilliseconds : 3415.9792

PS C:\Users\minin\OneDrive\Escritorio\Backups>
```

SELECT * FROM habitacion



The screenshot shows the SQL Server Enterprise Manager interface. The 'Messages' pane displays the execution log of a script. The script includes the following commands:

```
-- ELIMINACION DATOS PACIENTES
DELETE FROM pacientes;

-- ELIMINACION DATOS HABITACIONES
DELETE FROM habitacion;

-- RESTAURACION TABLAS DESA 1 (backupfull1.sql) (CONSOLA)
-- measure-command (mysqldump -u root -p bdclinica < backupfull1.sql)

-- SELECT * FROM TABLAS:
USE bdclinica;
SELECT * FROM habitacion;
SELECT * FROM pacientes;
SELECT * FROM log_actividad;
SELECT * FROM log_habitacion;

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

The log shows the execution of these commands with the following results:

Time	Message	Execution / Result
1 00:29:27	DELETE FROM log_habitacion	3417 rows affected
2 00:29:30	DELETE FROM log_actividad	87684 rows affected
3 00:29:31	DELETE FROM pacientes	15414 rows affected
4 00:29:35	DELETE FROM habitacion	15 rows affected
5 00:31:40	SELECT * FROM habitacion	15 rows returned

SELECT * FROM paciente

The screenshot shows the SQL Server Enterprise Manager interface. The script editor contains the following SQL code:

```
181
182 -- SELECT FROM TABLAS:
183 * USE bdclinica;
184 * SELECT * FROM habitacion;
185 * SELECT * FROM paciente;
186 * SELECT * FROM log_actividad;
187 * SELECT * FROM log_habitacion;
188
189 -- SELECT COUNT(*) TABLAS
190 * SELECT COUNT(*) FROM habitacion;
191 * SELECT COUNT(*) FROM paciente;
192 * SELECT COUNT(*) FROM log_actividad;
193 * SELECT COUNT(*) FROM log_habitacion;
194
195 -- DIA 7:
196 -- ELIMINACION DATOS LOG HABITACION
197 * DELETE FROM log_habitacion;
198
199 -- ELIMINACION DATOS LOG ACTIVIDAD
200 * DELETE FROM log_actividad;
```

The Results pane shows the execution of the script. The table 'paciente' is selected. The execution log shows the following actions:

Time	Action	Message	Duration
2 00:29:20	DELETE FROM log_actividad	0 rows affected	0:00:00
3 00:29:20	DELETE FROM paciente	154154 rows affected	1:53:00
4 00:29:20	DELETE FROM habitacion	15 rows affected	0:00:00
5 00:31:43	SELECT * FROM habitacion	15 rows returned	0:00:00 - 0:00:00
6 00:31:46	SELECT * FROM paciente	0 rows returned	0:00:00 - 0:00:00

SELECT * FROM log_actividad

The screenshot shows the SQL Server Enterprise Manager interface. The script editor contains the following SQL code:

```
181
182 -- SELECT FROM TABLAS:
183 * USE bdclinica;
184 * SELECT * FROM habitacion;
185 * SELECT * FROM paciente;
186 * SELECT * FROM log_actividad;
187 * SELECT * FROM log_habitacion;
188
189 -- SELECT COUNT(*) TABLAS
190 * SELECT COUNT(*) FROM habitacion;
191 * SELECT COUNT(*) FROM paciente;
192 * SELECT COUNT(*) FROM log_actividad;
193 * SELECT COUNT(*) FROM log_habitacion;
194
195 -- DIA 7:
196 -- ELIMINACION DATOS LOG HABITACION
197 * DELETE FROM log_habitacion;
198
199 -- ELIMINACION DATOS LOG ACTIVIDAD
200 * DELETE FROM log_actividad;
```

The Results pane shows the execution of the script. The table 'log_actividad' is selected. The execution log shows the following actions:

Time	Action	Message	Duration
3 00:29:20	DELETE FROM paciente	154154 rows affected	1:53:00
4 00:29:20	DELETE FROM habitacion	15 rows affected	0:00:00
5 00:31:43	SELECT * FROM habitacion	15 rows returned	0:00:00 - 0:00:00
6 00:31:46	SELECT * FROM paciente	0 rows returned	0:00:00 - 0:00:00
7 00:32:00	SELECT * FROM log_actividad	0 rows returned	0:00:00 - 0:00:00

SELECT * FROM log_habitacion

The screenshot shows the SQL Server Enterprise Manager interface. The query window displays the following SQL script:

```

181
182 -- SELECT FROM TABLAS:
183 * USE bdclinica;
184 * SELECT * FROM habitacion;
185 * SELECT * FROM paciente;
186 * SELECT * FROM log_actividad;
187 * SELECT * FROM log_habitacion;
188
189 -- SELECT COUNT(*) TABLAS
190 * SELECT COUNT(*) FROM habitacion;
191 * SELECT COUNT(*) FROM paciente;
192 * SELECT COUNT(*) FROM log_actividad;
193 * SELECT COUNT(*) FROM log_habitacion;
194
195 -- DTA 7:
196 -- ELIMINACION DATOS LOS HABITACION
197 * DELETE FROM log_habitacion;
198
199 -- ELIMINACION DATOS LOS ACTIVIDAD
200 * DELETE FROM log_actividad;
201
202 -- ELIMINACION DATOS PACIENTES
203 * DELETE FROM paciente;
204
205 -- ELIMINACION DATOS HABITACIONES
206 * DELETE FROM habitacion;
  
```

The Results grid shows the execution plan for the query. The plan indicates that the query is executed in a single step, returning 1 row and 1 column. The execution time is 0:00:00.000.

SELECT COUNT(*) FROM habitacion

The screenshot shows the SQL Server Enterprise Manager interface. The query window displays the following SQL script:

```

187 * SELECT * FROM log_habitacion;
188
189 -- SELECT COUNT(*) TABLAS
190 * SELECT COUNT(*) FROM habitacion;
191 * SELECT COUNT(*) FROM paciente;
192 * SELECT COUNT(*) FROM log_actividad;
193 * SELECT COUNT(*) FROM log_habitacion;
194
195 -- DTA 7:
196 -- ELIMINACION DATOS LOS HABITACION
197 * DELETE FROM log_habitacion;
198
199 -- ELIMINACION DATOS LOS ACTIVIDAD
200 * DELETE FROM log_actividad;
201
202 -- ELIMINACION DATOS PACIENTES
203 * DELETE FROM paciente;
204
205 -- ELIMINACION DATOS HABITACIONES
206 * DELETE FROM habitacion;
  
```

The Results grid shows the execution plan for the query. The plan indicates that the query is executed in a single step, returning 1 row and 1 column. The execution time is 0:00:00.000.

SELECT COUNT(*) FROM paciente

The screenshot shows the SQL Server Enterprise Manager interface. The query editor contains the following SQL script:

```
187 * SELECT * FROM log_habitacion;
188
189 -- SELECT COUNT(*) TABLAS
190 * SELECT COUNT(*) FROM habitacion;
191 * SELECT COUNT(*) FROM paciente;
192 * SELECT COUNT(*) FROM log_actividad;
193 * SELECT COUNT(*) FROM log_habitacion;
194
195 -- DIA 7:
196 -- ELIMINACION DATOS LOG HABITACION
197 * DELETE FROM log_habitacion;
198
199 -- ELIMINACION DATOS LOG ACTIVIDAD
200 * DELETE FROM log_actividad;
201
202 -- ELIMINACION DATOS PACIENTES
203 * DELETE FROM paciente;
204
205 -- ELIMINACION DATOS HABITACIONES
206 * DELETE FROM habitacion;
```

The Results pane shows the execution plan for the query 'SELECT COUNT(*) FROM paciente'. The plan indicates that the query was executed successfully, returning 1 row. The execution time was 0.000 seconds, and the memory used was 0.000 MB.

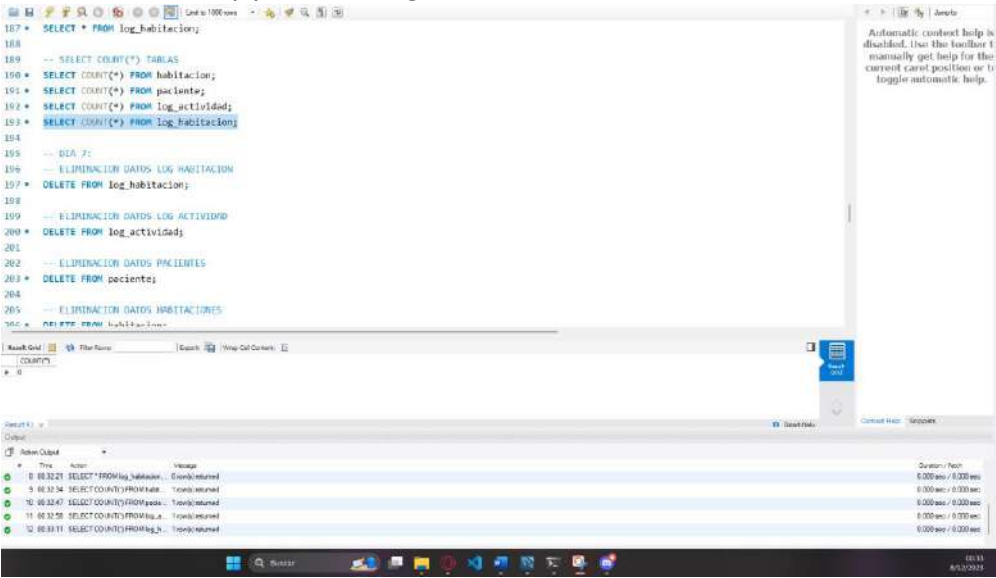
SELECT COUNT(*) FROM log_actividad

The screenshot shows the SQL Server Enterprise Manager interface. The query editor contains the following SQL script:

```
187 * SELECT * FROM log_habitacion;
188
189 -- SELECT COUNT(*) TABLAS
190 * SELECT COUNT(*) FROM habitacion;
191 * SELECT COUNT(*) FROM paciente;
192 * SELECT COUNT(*) FROM log_actividad;
193 * SELECT COUNT(*) FROM log_habitacion;
194
195 -- DIA 7:
196 -- ELIMINACION DATOS LOG HABITACION
197 * DELETE FROM log_habitacion;
198
199 -- ELIMINACION DATOS LOG ACTIVIDAD
200 * DELETE FROM log_actividad;
201
202 -- ELIMINACION DATOS PACIENTES
203 * DELETE FROM paciente;
204
205 -- ELIMINACION DATOS HABITACIONES
206 * DELETE FROM habitacion;
```

The Results pane shows the execution plan for the query 'SELECT COUNT(*) FROM log_actividad'. The plan indicates that the query was executed successfully, returning 1 row. The execution time was 0.000 seconds, and the memory used was 0.000 MB.

SELECT COUNT(*) FROM log_habitacion



- Día 7

Eliminación de datos tabla log_habitacion

```

193 * SELECT COUNT(*) FROM log_habitacion;
194
195 -- DIA 7:
196 -- ELIMINACION DATOS LOG HABITACION
197 * DELETE FROM log_habitacion;
198
199 -- ELIMINACION DATOS LOG ACTIVIDAD
200 * DELETE FROM log_actividad;
201
202 -- ELIMINACION DATOS PACIENTES
203 * DELETE FROM paciente;
204
205 -- ELIMINACION DATOS HABITACIONES
206 * DELETE FROM habitacion;
207
208 -- RESTAURACION TABLAS DIA 2 (backupfull2.sql) (CONSOLA) :
209 -- measure-command (mysqldump -u root -p bdclinica < backupfull2.sql)
210
211 -- SELECT FROM TABLAS:
212 * SELECT * FROM habitacion;
213 * SELECT * FROM paciente;
214 * SELECT * FROM log_actividad;
215 * SELECT * FROM log_habitacion;
216
217 -- SELECT COUNT(*) TABLAS
  
```

Output:

Time	Query	Warnings	Duration / Rows
1 00:30:20	DELETE FROM log_habitacion	Records affected	0.000 sec / 0.000 rows

Eliminación de datos tabla log_actividad

```

193 * SELECT COUNT(*) FROM log_habitacion;
194
195 -- DIA 7:
196 -- ELIMINACION DATOS LOG HABITACION
197 * DELETE FROM log_habitacion;
198
199 -- ELIMINACION DATOS LOG ACTIVIDAD
200 * DELETE FROM log_actividad;
201
202 -- ELIMINACION DATOS PACIENTES
203 * DELETE FROM paciente;
204
205 -- ELIMINACION DATOS HABITACIONES
206 * DELETE FROM habitacion;
207
208 -- RESTAURACION TABLAS DIA 2 (backupfull2.sql) (CONSOLA) :
209 -- measure-command (mysqldump -u root -p bdclinica < backupfull2.sql)
210
211 -- SELECT FROM TABLAS:
212 * SELECT * FROM habitacion;
213 * SELECT * FROM paciente;
214 * SELECT * FROM log_actividad;
215 * SELECT * FROM log_habitacion;
216
217 -- SELECT COUNT(*) TABLAS
  
```

Output:

Time	Query	Warnings	Duration / Rows
1 00:30:20	DELETE FROM log_habitacion	Records affected	0.000 sec
2 00:30:20	DELETE FROM log_actividad	Records affected	0.000 sec

Eliminación de datos tabla paciente

```
193 * SELECT COUNT(*) FROM log_habitacion;
194
195 -- DIA 7:
196 -- ELIMINACION DATOS LOG HABITACION
197 * DELETE FROM log_habitacion;
198
199 -- ELIMINACION DATOS LOG ACTIVIDAD
200 * DELETE FROM log_actividad;
201
202 -- ELIMINACION DATOS PACIENTES
203 * DELETE FROM paciente;
204
205 -- ELIMINACION DATOS HABITACIONES
206 * DELETE FROM habitacion;
207
208 -- RESTAURACION TABLAS DIA 2 (backupfull2.sql) (CONSOLE) :
209 -- measure-command (mysqldump -u root -p bdclinica < backupfull2.sql)
210
211 -- SELECT FROM TABLAS:
212 * SELECT * FROM habitacion;
213 * SELECT * FROM paciente;
214 * SELECT * FROM log_actividad;
215 * SELECT * FROM log_habitacion;
216
217 -- SELECT COUNT(*) TABLAS
```

Id	Time	Action	Message	Duration / Rows
1	00:30:33	DELETE FROM log_habitacion	0 rows affected	0:00:00
2	00:30:35	DELETE FROM log_actividad	0 rows affected	0:00:00
3	00:30:37	DELETE FROM paciente	0 rows affected	0:00:00

Eliminación de datos tabla habitacion

```
193 * SELECT COUNT(*) FROM log_habitacion;
194
195 -- DIA 7:
196 -- ELIMINACION DATOS LOG HABITACION
197 * DELETE FROM log_habitacion;
198
199 -- ELIMINACION DATOS LOG ACTIVIDAD
200 * DELETE FROM log_actividad;
201
202 -- ELIMINACION DATOS PACIENTES
203 * DELETE FROM paciente;
204
205 -- ELIMINACION DATOS HABITACIONES
206 * DELETE FROM habitacion;
207
208 -- RESTAURACION TABLAS DIA 2 (backupfull2.sql) (CONSOLE) :
209 -- measure-command (mysqldump -u root -p bdclinica < backupfull2.sql)
210
211 -- SELECT FROM TABLAS:
212 * SELECT * FROM habitacion;
213 * SELECT * FROM paciente;
214 * SELECT * FROM log_actividad;
215 * SELECT * FROM log_habitacion;
216
217 -- SELECT COUNT(*) TABLAS
```

Id	Time	Action	Message	Duration / Rows
1	00:30:33	DELETE FROM log_habitacion	0 rows affected	0:00:00
2	00:30:35	DELETE FROM log_actividad	0 rows affected	0:00:00
3	00:30:37	DELETE FROM paciente	0 rows affected	0:00:00
4	00:30:39	DELETE FROM habitacion	0 rows affected	0:00:00

Restauración de full backup 2

```
Windows PowerShell
PS C:\Users\minin\OneDrive\Escritorio\Backups> measure-command {Get-Content "backupfull2.sql" | mysql -u root -p bdclinica}
Enter password: *****

Days           : 0
Hours          : 0
Minutes        : 0
Seconds        : 4
Milliseconds   : 901
Ticks          : 49013427
TotalDays      : 5.67285634722222E-05
TotalHours     : 0.00136148408333333
TotalMinutes   : 0.081689045
TotalSeconds   : 4.9013427
TotalMilliseconds : 4901.3427

PS C:\Users\minin\OneDrive\Escritorio\Backups>
```

SELECT * FROM habitacion

The screenshot shows the SQL Server Enterprise Manager interface. The top pane displays a query script with the following content:

```
-- RESTAURACION TABLAS DIA 2 (backupfull2.sql) (CONSOLA) :
-- measure-command (mysqldump -u root -p bdclinica < backupfull2.sql)

-- SELECT FROM TABLAS:
212 * SELECT * FROM habitacion;
213 * SELECT * FROM paciente;
214 * SELECT * FROM log_actividad;
215 * SELECT * FROM log_habitacion;
216
-- SELECT COUNT(*) TABLAS:
217 * SELECT COUNT(*) FROM habitacion;
218 * SELECT COUNT(*) FROM paciente;
219 * SELECT COUNT(*) FROM log_actividad;
220 * SELECT COUNT(*) FROM log_habitacion;
221
-- DTA B:
222
-- RESTAURACION DATOS LOG HABITACION
225 * DELETE FROM log_habitacion;
226
-- ES TABLA LOG HABITACION
```

The bottom pane shows the results of the query execution. The first table, 'habitacion', contains 5 rows of data. The second table, 'log_habitacion', contains 5 rows of data, each with a timestamp, a user, and a message.

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 exámenes 5

idLogHabitacion	log_habitacion
1	2023-08-12 10:00:00 DELETE FROM log_habitacion; (success) affected
2	2023-08-12 10:00:00 DELETE FROM log_habitacion; (success) affected
3	2023-08-12 10:00:00 DELETE FROM log_habitacion; (success) affected
4	2023-08-12 10:00:00 DELETE FROM log_habitacion; (success) affected
5	2023-08-12 10:00:00 DELETE FROM log_habitacion; (success) affected

SELECT * FROM paciente

The screenshot shows a SQL IDE with a script editor containing the following SQL commands:

```

208 -- RESTAURACION TABLAS DTA 2 (backupfull2.sql) (CONSOLE)
209 -- measure-command [mysqldump -u root -p hcl clinica > backupfull2.sql]
210
211 -- SELECT FROM TABLAS:
212 * SELECT * FROM habitacion;
213 * SELECT * FROM paciente;
214 * SELECT * FROM log_actividad;
215 * SELECT * FROM log_habitacion;
216
217 -- SELECT COUNT(*) TABLAS
218 * SELECT COUNT(*) FROM habitacion;
219 * SELECT COUNT(*) FROM paciente;
220 * SELECT COUNT(*) FROM log_actividad;
221 * SELECT COUNT(*) FROM log_habitacion;
222
223 -- BDR B:
224 -- ELIMINACION DATOS LOG HABITACION
225 * DELETE FROM log_habitacion;
226
227 -- ELIMINACION DATOS LOG ACTIVIDADES

```

The 'Result Grid' shows the output of the SELECT queries:

id_paciente	id_med	genero
000000	41	Uro
000001	40	Femenino
000002	42	Neutro
000003	3	Femenino
000004	43	Neutro

The 'Action Output' shows the execution of the queries:

#	Time	Action	Message	Duration / Total
1	00:34:10	DELETE FROM paciente	0 rows affected	0:00 sec / 0:00 sec
2	00:34:10	DELETE FROM habitacion	15 rows affected	0:00 sec / 0:00 sec
3	00:35:20	SELECT * FROM habitacion LIMIT 1000 rows returned	1000 rows returned	0:00 sec / 0:00 sec
4	00:35:20	SELECT * FROM paciente LIMIT 1000 rows returned	1000 rows returned	0:00 sec / 0:00 sec

SELECT * FROM log_actividad

The screenshot shows a SQL IDE with a script editor containing the following SQL commands:

```

208 -- RESTAURACION TABLAS DTA 2 (backupfull2.sql) (CONSOLE)
209 -- measure-command [mysqldump -u root -p hcl clinica > backupfull2.sql]
210
211 -- SELECT FROM TABLAS:
212 * SELECT * FROM habitacion;
213 * SELECT * FROM paciente;
214 * SELECT * FROM log_actividad;
215 * SELECT * FROM log_habitacion;
216
217 -- SELECT COUNT(*) TABLAS
218 * SELECT COUNT(*) FROM habitacion;
219 * SELECT COUNT(*) FROM paciente;
220 * SELECT COUNT(*) FROM log_actividad;
221 * SELECT COUNT(*) FROM log_habitacion;
222
223 -- BDR B:
224 -- ELIMINACION DATOS LOG HABITACION
225 * DELETE FROM log_habitacion;
226
227 -- ELIMINACION DATOS LOG ACTIVIDADES

```

The 'Result Grid' shows the output of the SELECT queries:

id_log_actividad	timestamp	actividad	id_paciente	id_habitacion
000000				

The 'Action Output' shows the execution of the queries:

#	Time	Action	Message	Duration / Total
1	00:34:10	DELETE FROM paciente	0 rows affected	0:00 sec / 0:00 sec
2	00:34:10	DELETE FROM habitacion	15 rows affected	0:00 sec / 0:00 sec
3	00:35:20	SELECT * FROM habitacion LIMIT 1000 rows returned	1000 rows returned	0:00 sec / 0:00 sec
4	00:35:20	SELECT * FROM paciente LIMIT 1000 rows returned	1000 rows returned	0:00 sec / 0:00 sec
5	00:35:37	SELECT * FROM log_actividad LIMIT 1000 rows returned	1000 rows returned	0:00 sec / 0:00 sec

SELECT * FROM log_habitacion

The screenshot shows the SQL Server Enterprise Manager interface. The query window displays the following SQL code:

```
208 -- RESTAURACION TABLAS DIA 2 (backupfull12.sql) (COMPILA) :
209 -- restore command (mysqldump -u root -p hck11eiza < backupfull12.sql)
210
211 -- SELECT FROM TABLAS:
212 * SELECT * FROM habitacion;
213 * SELECT * FROM pacientes;
214 * SELECT * FROM log_actividad;
215 * SELECT * FROM log_habitacion;
216
217 -- SELECT COUNT(*) TABLAS
218 * SELECT COUNT(*) FROM habitacion;
219 * SELECT COUNT(*) FROM pacientes;
220 * SELECT COUNT(*) FROM log_actividad;
221 * SELECT COUNT(*) FROM log_habitacion;
222
223 -- DIA 3:
224 -- ELIMINACION DATOS LOG HABITACION
225 * DELETE FROM log_habitacion;
226
227 -- ELIMINACION DATOS LOG ACTIVIDAD
228 * DELETE FROM log_actividad;
```

The Results pane shows the execution plan and the results of the query. The results are as follows:

Time	Action	Message	Duration (secs)
4 30:34:20	DELETE FROM habitacion	15 rows affected	0.320 sec
5 30:35:23	SELECT * FROM habitacion (RM)	15 rows returned	0.314 sec / 0.000 sec
6 30:36:03	SELECT * FROM pacientes (RM)	100 rows returned	0.238 sec / 0.000 sec
7 30:36:40	SELECT * FROM log_actividad	0 rows returned	0.011 sec / 0.000 sec
8 30:36:51	SELECT * FROM log_habitacion	0 rows returned	0.300 sec / 0.000 sec

SELECT COUNT(*) FROM habitacion

The screenshot shows the SQL Server Enterprise Manager interface. The query window displays the following SQL code:

```
217 -- SELECT COUNT(*) TABLAS
218 * SELECT COUNT(*) FROM habitacion;
219 * SELECT COUNT(*) FROM pacientes;
220 * SELECT COUNT(*) FROM log_actividad;
221 * SELECT COUNT(*) FROM log_habitacion;
222
223 -- DIA 3:
224 -- ELIMINACION DATOS LOG HABITACION
225 * DELETE FROM log_habitacion;
226
227 -- ELIMINACION DATOS LOG ACTIVIDAD
228 * DELETE FROM log_actividad;
229
230 -- ELIMINACION DATOS PACIENTES
231 * DELETE FROM pacientes;
232
233 -- ELIMINACION DATOS HABITACIONES
234 * DELETE FROM habitacion;
235
236 -- RESTAURACION TABLAS DIA 3 (backupfull13.sql) (COMPILA) :
```

The Results pane shows the execution plan and the results of the query. The results are as follows:

Time	Action	Message	Duration (secs)
0 00:00:29	SELECT * FROM habitacion (RM)	15 rows returned	0.314 sec / 0.000 sec
8 00:01:37	SELECT * FROM pacientes (RM)	100 rows returned	0.300 sec / 0.000 sec
7 00:01:48	SELECT * FROM log_actividad	0 rows returned	0.014 sec / 0.000 sec
8 00:01:51	SELECT * FROM log_habitacion	0 rows returned	0.300 sec / 0.000 sec
9 00:01:14	SELECT COUNT(*) FROM habitacion	1 rows returned	0.314 sec / 0.000 sec

SELECT COUNT(*) FROM paciente

The screenshot shows the SQL Server Enterprise Manager interface. The query editor contains the following SQL script:

```

217 -- SELECT COUNT(*) TABLAS
218 * SELECT COUNT(*) FROM habitacion;
219 * SELECT COUNT(*) FROM paciente;
220 * SELECT COUNT(*) FROM log_actividad;
221 * SELECT COUNT(*) FROM log_habitacion;
222
223 -- DIA 6:
224 -- ELIMINACION DATOS LOG HABITACION
225 * DELETE FROM log_habitacion;
226
227 -- ELIMINACION DATOS LOG ACTIVIDAD
228 * DELETE FROM log_actividad;
229
230 -- ELIMINACION DATOS PACIENTES
231 * DELETE FROM paciente;
232
233 -- ELIMINACION DATOS HABITACIONES
234 * DELETE FROM habitacion;
235
236 -- BACKUP DEL DIA 6:
237 * BACKUP DATABASE TO DISK = 'D:\backups\6_1_2015_17\paciente.bak'
  
```

The query results pane shows the execution plan for the query 'SELECT COUNT(*) FROM paciente'. The plan indicates that the query was executed successfully, returning 1 row and 1 column. The execution time was 0.000 seconds, and the memory usage was 0.000 MB.

SELECT COUNT(*) FROM log_actividad

The screenshot shows the SQL Server Enterprise Manager interface. The query editor contains the following SQL script:

```

217 -- SELECT COUNT(*) TABLAS
218 * SELECT COUNT(*) FROM habitacion;
219 * SELECT COUNT(*) FROM paciente;
220 * SELECT COUNT(*) FROM log_actividad;
221 * SELECT COUNT(*) FROM log_habitacion;
222
223 -- DIA 6:
224 -- ELIMINACION DATOS LOG HABITACION
225 * DELETE FROM log_habitacion;
226
227 -- ELIMINACION DATOS LOG ACTIVIDAD
228 * DELETE FROM log_actividad;
229
230 -- ELIMINACION DATOS PACIENTES
231 * DELETE FROM paciente;
232
233 -- ELIMINACION DATOS HABITACIONES
234 * DELETE FROM habitacion;
235
236 -- BACKUP DEL DIA 6:
237 * BACKUP DATABASE TO DISK = 'D:\backups\6_1_2015_17\paciente.bak'
  
```

The query results pane shows the execution plan for the query 'SELECT COUNT(*) FROM log_actividad'. The plan indicates that the query was executed successfully, returning 1 row and 1 column. The execution time was 0.000 seconds, and the memory usage was 0.000 MB.

SELECT COUNT(*) FROM log_habitacion

The screenshot shows a SQL IDE with a script containing the following SQL statements:

```
217 -- SELECT COUNT(*) TABLAS
218 * SELECT COUNT(*) FROM habitacion;
219 * SELECT COUNT(*) FROM paciente;
220 * SELECT COUNT(*) FROM log_actividad;
221 * SELECT COUNT(*) FROM log_habitacion;
222
223 -- DDL BD:
224 -- ELIMINACION DATOS LOG HABITACION
225 * DELETE FROM log_habitacion;
226
227 -- ELIMINACION DATOS LOG ACTIVIDAD
228 * DELETE FROM log_actividad;
229
230 -- ELIMINACION DATOS PACIENTES
231 * DELETE FROM paciente;
232
233 -- ELIMINACION DATOS HABITACIONES
234 * DELETE FROM habitacion;
235
```

The results window shows the execution of the following SQL statement:

```
Result 11:
SELECT COUNT(*) FROM log_habitacion
```

Time	Action	Message	Duration / Total
8:00:30.01	SELECT FROM log_habitacion	Query returned	0:00:00 / 0:00:00 sec
9:00:30.14	SELECT COUNT(*) FROM paciente	Query returned	0:00:00 / 0:00:00 sec
10:00:30.24	SELECT COUNT(*) FROM log_actividad	Query returned	0:00:00 / 0:00:00 sec
11:00:30.48	SELECT COUNT(*) FROM log_habitacion	Query returned	0:00:00 / 0:00:00 sec
12:00:30.55	SELECT COUNT(*) FROM log_habitacion	Query returned	0:00:00 / 0:00:00 sec

- Día 8

Eliminación de datos tabla log_habitacion

```

223 -- DIA 8:
224 -- ELIMINACION DATOS LOG HABITACION
225 * DELETE FROM log_habitacion;
226
227 -- ELIMINACION DATOS LOG ACTIVIDAD
228 * DELETE FROM log_actividad;
229
230 -- ELIMINACION DATOS PACIENTES
231 * DELETE FROM paciente;
232
233 -- ELIMINACION DATOS HABITACIONES
234 * DELETE FROM habitacion;
235
236 -- RESTAURACION TABLAS DIA 3 (backupfull3.sql) (CONSOLA) :
237 -- measure-command {mysqldump -u root -p hcl clinica < backupfull3.sql}
238
239 -- SELECT FROM TABLAS:
240 * SELECT * FROM habitacion;
241 * SELECT * FROM paciente;
242 * SELECT * FROM log_actividad;
243 * SELECT * FROM log_habitacion;
244
245 -- SELECT COUNT(*) TABLAS
246 * SELECT COUNT(*) FROM habitacion;
247 * SELECT COUNT(*) FROM paciente;
  
```

Output:

Time	Action	Message	Duration / Item
1 00:17:16	DELETE FROM log_habitacion	0 records affected	0.000 sec

Eliminación de datos tabla log_actividad

```

223 -- DIA 8:
224 -- ELIMINACION DATOS LOG HABITACION
225 * DELETE FROM log_habitacion;
226
227 -- ELIMINACION DATOS LOG ACTIVIDAD
228 * DELETE FROM log_actividad;
229
230 -- ELIMINACION DATOS PACIENTES
231 * DELETE FROM paciente;
232
233 -- ELIMINACION DATOS HABITACIONES
234 * DELETE FROM habitacion;
235
236 -- RESTAURACION TABLAS DIA 3 (backupfull3.sql) (CONSOLA) :
237 -- measure-command {mysqldump -u root -p hcl clinica < backupfull3.sql}
238
239 -- SELECT FROM TABLAS:
240 * SELECT * FROM habitacion;
241 * SELECT * FROM paciente;
242 * SELECT * FROM log_actividad;
243 * SELECT * FROM log_habitacion;
244
245 -- SELECT COUNT(*) TABLAS
246 * SELECT COUNT(*) FROM habitacion;
247 * SELECT COUNT(*) FROM paciente;
  
```

Output:

Time	Action	Message	Duration / Item
1 00:17:16	DELETE FROM log_habitacion	0 records affected	0.000 sec
2 00:17:17	DELETE FROM log_actividad	0 records affected	0.000 sec

Eliminación de datos tabla paciente

```
223 -- DIA 8:
224 -- ELIMINACION DATOS LOG HABITACION
225 * DELETE FROM log_habitacion;
226
227 -- ELIMINACION DATOS LOG ACTIVIDAD
228 * DELETE FROM log_actividad;
229
230 -- ELIMINACION DATOS PACIENTES
231 * DELETE FROM paciente;
232
233 -- ELIMINACION DATOS HABITACIONES
234 * DELETE FROM habitacion;
235
236 -- RESTAURACION TABLAS DIA 3 (backupfull3.sql) (CONSOLA) :
237 -- measure-command (mysql -u root -p hsklinica < backupfull3.sql)
238
239 -- SELECT FROM TABLAS:
240 * SELECT * FROM habitacion;
241 * SELECT * FROM paciente;
242 * SELECT * FROM log_actividad;
243 * SELECT * FROM log_habitacion;
244
245 -- SELECT COUNT(*) TABLAS
246 * SELECT COUNT(*) FROM habitacion;
247 * SELECT COUNT(*) FROM paciente;
```

Output:

Time	Action	Message	Duration / Rows
1 00:27:16	DELETE FROM log_habitacion	0 records affected	0.000 sec
2 00:27:27	DELETE FROM log_actividad	0 records affected	0.000 sec
3 00:27:28	DELETE FROM paciente	154134 records affected	1.787 sec

Eliminación de datos tabla habitacion

```
223 -- DIA 8:
224 -- ELIMINACION DATOS LOG HABITACION
225 * DELETE FROM log_habitacion;
226
227 -- ELIMINACION DATOS LOG ACTIVIDAD
228 * DELETE FROM log_actividad;
229
230 -- ELIMINACION DATOS PACIENTES
231 * DELETE FROM paciente;
232
233 -- ELIMINACION DATOS HABITACIONES
234 * DELETE FROM habitacion;
235
236 -- RESTAURACION TABLAS DIA 3 (backupfull3.sql) (CONSOLA) :
237 -- measure-command (mysql -u root -p hsklinica < backupfull3.sql)
238
239 -- SELECT FROM TABLAS:
240 * SELECT * FROM habitacion;
241 * SELECT * FROM paciente;
242 * SELECT * FROM log_actividad;
243 * SELECT * FROM log_habitacion;
244
245 -- SELECT COUNT(*) TABLAS
246 * SELECT COUNT(*) FROM habitacion;
247 * SELECT COUNT(*) FROM paciente;
```

Output:

Time	Action	Message	Duration / Rows
1 00:27:16	DELETE FROM log_habitacion	0 records affected	0.000 sec
2 00:27:27	DELETE FROM log_actividad	0 records affected	0.000 sec
3 00:27:28	DELETE FROM paciente	154134 records affected	1.787 sec
4 00:27:31	DELETE FROM habitacion	10 records affected	0.016 sec

Restauración de full backup 3

```
Windows PowerShell
PS C:\Users\minin\OneDrive\Escritorio\Backups> measure-command {Get-Content "backupfull3.sql" | mysql -u root -p bdclinica}
Enter password: *****

Days           : 0
Hours          : 0
Minutes        : 0
Seconds        : 7
Milliseconds   : 113
Ticks          : 71130243
TotalDays      : 8.23266701388889E-05
TotalHours     : 0.00197568006333333
TotalMinutes   : 0.1185568006
TotalSeconds    : 7.1130243
TotalMilliseconds : 7113.0243

PS C:\Users\minin\OneDrive\Escritorio\Backups>
```

SELECT * FROM habitacion

The screenshot shows the SQL Server Enterprise Manager interface. The top pane displays a query plan for the statement `SELECT * FROM habitacion`. The bottom pane shows the execution results, which include a table of data and a list of actions performed during the execution.

id	data
1	Sala de exámenes 1
2	Sala de exámenes 2
3	Sala de exámenes 3
4	Sala de exámenes 4
5	Sala de exámenes 5

id	time	action	message	duration / rows
1	00:00:00	SELECT * FROM habitacion	Row(s) affected	0.000 sec / 5
2	00:00:00	DELETE FROM log_habitacion	Row(s) affected	0.000 sec / 0
3	00:00:00	DELETE FROM log_actividad	Row(s) affected	1.757 sec / 15
4	00:00:00	DELETE FROM log_habitacion	Row(s) affected	0.000 sec / 0
5	00:00:00	SELECT * FROM habitacion	Row(s) affected	0.000 sec / 5

SELECT * FROM paciente

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

```

238
239 -- SELECT FROM TABLAS
240 * SELECT * FROM habitacion;
241 * SELECT * FROM paciente;
242 * SELECT * FROM log_actividad;
243 * SELECT * FROM log_habitacion;
244
245 -- SELECT COUNT(*) TABLAS
246 * SELECT COUNT(*) FROM habitacion;
247 * SELECT COUNT(*) FROM paciente;
248 * SELECT COUNT(*) FROM log_actividad;
249 * SELECT COUNT(*) FROM log_habitacion;
250
251 -- DDL 9:
252 -- ELIMINACION DATOS LOG HABITACION
253 * DELETE FROM log_habitacion;
254
255 -- ELIMINACION DATOS LOG ACTIVIDAD
256 * DELETE FROM log_actividad;
257

```

idPaciente	edad	genero
XXXXXX	45	M
XXXXXX	46	F
XXXXXX	42	M
XXXXXX	48	M
XXXXXX	48	M

#	Time	Action	Message	Duration / Pctn
2	00:37:27	DELETE FROM log_actividad	100 rows affected	0:00:00 / 0:00:00
3	00:37:30	DELETE FROM paciente	100 rows affected	0:00:00 / 0:00:00
4	00:37:31	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00
5	00:38:42	SELECT * FROM habitacion (LN)	10 rows returned	0:00:00 / 0:00:00
6	00:38:54	SELECT * FROM paciente (LN)	100 rows returned	0:00:00 / 0:00:00

SELECT * FROM log_actividad

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

```

238
239 -- SELECT FROM TABLAS
240 * SELECT * FROM habitacion;
241 * SELECT * FROM paciente;
242 * SELECT * FROM log_actividad;
243 * SELECT * FROM log_habitacion;
244
245 -- SELECT COUNT(*) TABLAS
246 * SELECT COUNT(*) FROM habitacion;
247 * SELECT COUNT(*) FROM paciente;
248 * SELECT COUNT(*) FROM log_actividad;
249 * SELECT COUNT(*) FROM log_habitacion;
250
251 -- DDL 9:
252 -- ELIMINACION DATOS LOG HABITACION
253 * DELETE FROM log_habitacion;
254
255 -- ELIMINACION DATOS LOG ACTIVIDAD
256 * DELETE FROM log_actividad;
257

```

id log_actividad	idPaciente	idHabitacion	actividad	idPaciente	idHabitacion
131672	37512001	P. 13-14 AM	Paciente recibe el registro	131672	37512001
131673	37512001	P. 13-14 AM	Paciente recibe el registro en recepción	131673	37512001
131674	37512001	P. 13-14 AM	Paciente entrega papelería	131674	37512001
131675	37512001	P. 13-14 AM	Paciente entrega papelería en recepción	131675	37512001
131676	37512001	P. 13-14 AM	Diferencia de tiempo en recepción del paciente	131676	37512001

#	Time	Action	Message	Duration / Pctn
2	00:37:28	DELETE FROM paciente	104134 rows affected	1:17:00 / 0:00:00
3	00:37:31	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00
4	00:38:42	SELECT * FROM habitacion (LN)	10 rows returned	0:00:00 / 0:00:00
5	00:38:54	SELECT * FROM paciente (LN)	100 rows returned	0:00:00 / 0:00:00
6	00:39:04	SELECT * FROM log_actividad	100 rows returned	0:00:00 / 0:00:00

SELECT * FROM log_habitacion

The screenshot shows the SQL Server Enterprise Manager interface. The query editor displays a script with the following SQL statements:

```

238 -- SELECT FROM TABLAS
239 * SELECT * FROM habitacion;
240 * SELECT * FROM paciente;
241 * SELECT * FROM log_actividad;
242 * SELECT * FROM log_habitacion;
243
244 -- SELECT COUNT(*) TABLAS
245 * SELECT COUNT(*) FROM habitacion;
246 * SELECT COUNT(*) FROM paciente;
247 * SELECT COUNT(*) FROM log_actividad;
248 * SELECT COUNT(*) FROM log_habitacion;
249
250
251 -- DIA 9:
252 -- ELIMINACION DATOS LOG HABITACION
253 * DELETE FROM log_habitacion;
254
255 -- ELIMINACION DATOS LOG ACTIVIDAD
256 * DELETE FROM log_actividad;
257
258

```

The query execution results are shown in the 'Results' pane, displaying a table with 4 columns: 'Time', 'Action', 'Message', and 'Duration / Task'. The results show the execution of the 'SELECT * FROM log_habitacion' query, which returned 100 rows.

Time	Action	Message	Duration / Task
5:00:18.42	DELETE FROM habitacion	10 rows returned	0:01 sec / 0:00 sec
5:00:18.42	SELECT FROM habitacion (100 rows)	100 rows returned	0:01 sec / 0:00 sec
5:00:18.42	SELECT FROM paciente (100 rows)	100 rows returned	0:01 sec / 0:00 sec
5:00:18.42	SELECT FROM log_actividad (100 rows)	100 rows returned	0:01 sec / 0:00 sec
5:00:18.42	SELECT FROM log_habitacion (100 rows)	100 rows returned	0:01 sec / 0:00 sec

SELECT COUNT(*) FROM habitacion

The screenshot shows the SQL Server Enterprise Manager interface. The query editor displays a script with the following SQL statements:

```

238 -- SELECT FROM TABLAS
239 * SELECT * FROM habitacion;
240 * SELECT * FROM paciente;
241 * SELECT * FROM log_actividad;
242 * SELECT * FROM log_habitacion;
243
244 -- SELECT COUNT(*) TABLAS
245 * SELECT COUNT(*) FROM habitacion;
246 * SELECT COUNT(*) FROM paciente;
247 * SELECT COUNT(*) FROM log_actividad;
248 * SELECT COUNT(*) FROM log_habitacion;
249
250
251 -- DIA 9:
252 -- ELIMINACION DATOS LOG HABITACION
253 * DELETE FROM log_habitacion;
254
255 -- ELIMINACION DATOS LOG ACTIVIDAD
256 * DELETE FROM log_actividad;
257
258

```

The query execution results are shown in the 'Results' pane, displaying a table with 4 columns: 'Time', 'Action', 'Message', and 'Duration / Task'. The results show the execution of the 'SELECT COUNT(*) FROM habitacion' query, which returned 1 row with a count of 100.

Time	Action	Message	Duration / Task
5:00:18.42	DELETE FROM habitacion	10 rows returned	0:01 sec / 0:00 sec
5:00:18.42	SELECT FROM habitacion (100 rows)	100 rows returned	0:01 sec / 0:00 sec
5:00:18.42	SELECT FROM paciente (100 rows)	100 rows returned	0:01 sec / 0:00 sec
5:00:18.42	SELECT FROM log_actividad (100 rows)	100 rows returned	0:01 sec / 0:00 sec
5:00:18.42	SELECT FROM log_habitacion (100 rows)	100 rows returned	0:01 sec / 0:00 sec
5:00:18.42	SELECT COUNT(*) FROM habitacion	1 row returned	0:01 sec / 0:00 sec

SELECT COUNT(*) FROM paciente

The screenshot shows the SQL Server Enterprise Manager interface. The query window displays the following SQL script:

```

238
239 -- SELECT FROM TABLAS
240 * SELECT * FROM habitacion;
241 * SELECT * FROM paciente;
242 * SELECT * FROM log_actividad;
243 * SELECT * FROM log_habitacion;
244
245 -- SELECT COUNT(*) TABLAS
246 * SELECT COUNT(*) FROM habitacion;
247 * SELECT COUNT(*) FROM paciente;
248 * SELECT COUNT(*) FROM log_actividad;
249 * SELECT COUNT(*) FROM log_habitacion;
250
251 -- DIA 9:
252 -- ELIMINACION DATOS LOG HABITACION
253 * DELETE FROM log_habitacion;
254
255 -- ELIMINACION DATOS LOG ACTIVIDAD
256 * DELETE FROM log_actividad;
257

```

The Results pane shows the execution results of the query. The table has 1 column and 1 row:

Count(*)
10438

The Activity Monitor pane shows the execution details of the query. The table has 4 columns: Time, Action, Message, and Duration / Batch.

Time	Action	Message	Duration / Batch
6 00:39:54	SELECT	FROM paciente (LIVE) 1000 rows returned	0.000 sec / 0.000 sec
7 00:39:54	SELECT	FROM log_actividad 1000 rows returned	0.016 sec / 0.000 sec
8 00:39:55	SELECT	FROM log_habitacion 0 rows returned	0.015 sec / 0.000 sec
9 00:39:54	SELECT COUNT(*)	FROM habitacion 1 rows returned	0.019 sec / 0.000 sec
10 00:39:55	SELECT COUNT(*)	FROM paciente 1 rows returned	0.170 sec / 0.000 sec

SELECT COUNT(*) FROM log_actividad

The screenshot shows the SQL Server Enterprise Manager interface. The query window displays the following SQL script:

```

238
239 -- SELECT FROM TABLAS
240 * SELECT * FROM habitacion;
241 * SELECT * FROM paciente;
242 * SELECT * FROM log_actividad;
243 * SELECT * FROM log_habitacion;
244
245 -- SELECT COUNT(*) TABLAS
246 * SELECT COUNT(*) FROM habitacion;
247 * SELECT COUNT(*) FROM paciente;
248 * SELECT COUNT(*) FROM log_actividad;
249 * SELECT COUNT(*) FROM log_habitacion;
250
251 -- DIA 9:
252 -- ELIMINACION DATOS LOG HABITACION
253 * DELETE FROM log_habitacion;
254
255 -- ELIMINACION DATOS LOG ACTIVIDAD
256 * DELETE FROM log_actividad;
257

```

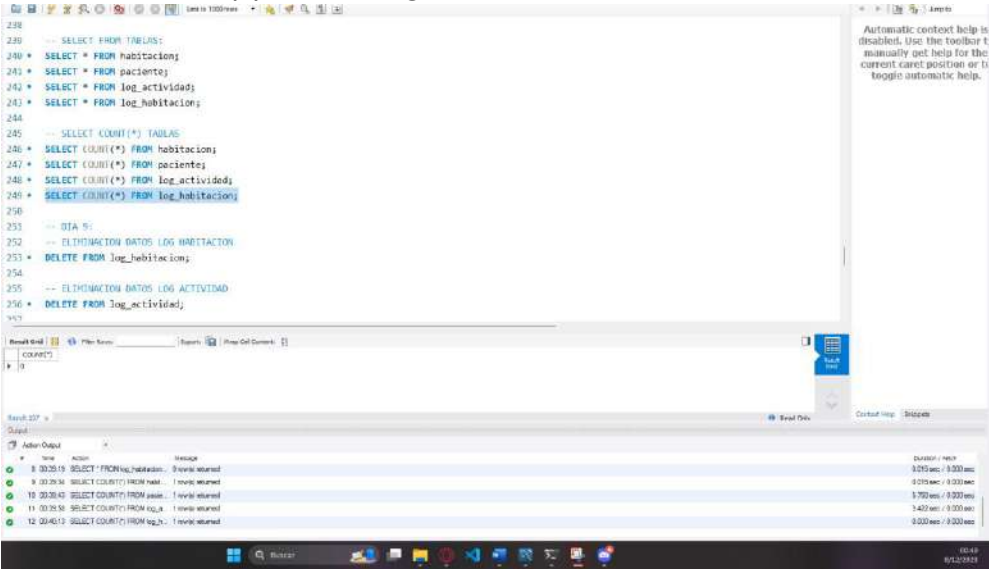
The Results pane shows the execution results of the query. The table has 1 column and 1 row:

Count(*)
10441

The Activity Monitor pane shows the execution details of the query. The table has 4 columns: Time, Action, Message, and Duration / Batch.

Time	Action	Message	Duration / Batch
7 00:39:54	SELECT	FROM log_actividad 1000 rows returned	0.016 sec / 0.000 sec
8 00:39:55	SELECT	FROM log_habitacion 0 rows returned	0.015 sec / 0.000 sec
9 00:39:54	SELECT COUNT(*)	FROM habitacion 1 rows returned	0.019 sec / 0.000 sec
10 00:39:55	SELECT COUNT(*)	FROM paciente 1 rows returned	0.170 sec / 0.000 sec
11 00:39:56	SELECT COUNT(*)	FROM log_actividad 1 rows returned	2.620 sec / 0.000 sec

SELECT COUNT(*) FROM log_habitacion



- Día 9

Eliminación de datos tabla log_habitacion

```

250
251 -- DIA 9:
252 -- ELIMINACION DATOS LOG HABITACION
253 * DELETE FROM log_habitacion;
254
255 -- ELIMINACION DATOS LOG ACTIVIDAD
256 * DELETE FROM log_actividad;
257
258 -- ELIMINACION DATOS PACIENTES
259 * DELETE FROM paciente;
260
261 -- ELIMINACION DATOS HABITACIONES
262 * DELETE FROM habitacion;
263
264 -- RESTAURACION TABLAS DIA 4 (backupfull4.sql) (CONSOLA) :
265 -- mauseure-command (mysql dump -u root -p bdclinica < backupfull4.sql)
266
267 -- SELECT FROM TABLAS:
268 * SELECT * FROM habitacion;
269 * SELECT * FROM paciente;
270 * SELECT * FROM log_actividad;
271 * SELECT * FROM log_habitacion;
272
273 -- SELECT COUNT(*) TABLAS
274 * 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.

Time	Action	Message	Duration / Rows
1 00:40:49	DELETE FROM log_habitacion	0 rows affected	0.000 sec

Eliminación de datos tabla log_actividad

```

259
260 -- DIA 9:
261 -- ELIMINACION DATOS LOG HABITACION
262 * DELETE FROM log_habitacion;
263
264 -- ELIMINACION DATOS LOG ACTIVIDAD
265 * DELETE FROM log_actividad;
266
267 -- ELIMINACION DATOS PACIENTES
268 * DELETE FROM paciente;
269
270 -- ELIMINACION DATOS HABITACIONES
271 * DELETE FROM habitacion;
272
273 -- RESTAURACION TABLAS DIA 4 (backupfull4.sql) (CONSOLA) :
274 -- mauseure-command (mysql dump -u root -p bdclinica < backupfull4.sql)
275
276 -- SELECT FROM TABLAS:
277 * SELECT * FROM habitacion;
278 * SELECT * FROM paciente;
279 * SELECT * FROM log_actividad;
280 * SELECT * FROM log_habitacion;
281
282 -- SELECT COUNT(*) TABLAS
283 * 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.

Time	Action	Message	Duration / Rows
1 00:40:49	DELETE FROM log_habitacion	0 rows affected	0.000 sec
2 00:40:55	DELETE FROM log_actividad	3381 rows affected	0.170 sec

Eliminación de datos tabla paciente

```

250
251 -- DIA 9:
252 -- ELIMINACION DATOS LOG HABITACION
253 * DELETE FROM log_habitacion;
254
255 -- ELIMINACION DATOS LOG ACTIVIDAD
256 * DELETE FROM log_actividad;
257
258 -- ELIMINACION DATOS PACIENTES
259 * DELETE FROM paciente;
260
261 -- ELIMINACION DATOS HABITACIONES
262 * DELETE FROM habitacion;
263
264 -- RESTAURACION TABLAS DIA 4 (backupfull4.sql) (CONSOLA):
265 -- measure-command (mysqldump -u root -p bdclinica < backupfull4.sql)
266
267 -- SELECT FROM TABLAS:
268 * SELECT * FROM habitacion;
269 * SELECT * FROM paciente;
270 * SELECT * FROM log_actividad;
271 * SELECT * FROM log_habitacion;
272
273 -- SELECT COUNT(*) TABLAS
274 * SELECT COUNT(*) FROM habitacion;

```

Output

#	Time	Action	Message	Duration / Rows
1	30:40:40	DELETE FROM log_habitacion	Row(s) affected	0.000 sec
2	30:40:50	DELETE FROM log_actividad	Row(s) affected	1.770 sec
3	30:47:11	DELETE FROM paciente	Row(s) affected	1.170 sec

Eliminación de datos tabla habitacion

```

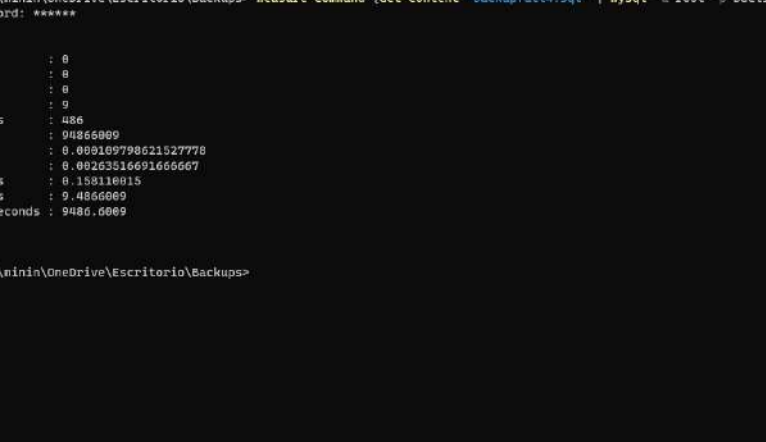
253 * DELETE FROM log_habitacion;
254
255 -- ELIMINACION DATOS LOG ACTIVIDAD
256 * DELETE FROM log_actividad;
257
258 -- ELIMINACION DATOS PACIENTES
259 * DELETE FROM paciente;
260
261 -- ELIMINACION DATOS HABITACIONES
262 * DELETE FROM habitacion;
263
264 -- RESTAURACION TABLAS DIA 4 (backupfull4.sql) (CONSOLA):
265 -- measure-command (mysqldump -u root -p bdclinica < backupfull4.sql)
266
267 -- SELECT FROM TABLAS:
268 * SELECT * FROM habitacion;
269 * SELECT * FROM paciente;
270 * SELECT * FROM log_actividad;
271 * SELECT * FROM log_habitacion;
272
273 -- SELECT COUNT(*) TABLAS
274 * SELECT COUNT(*) FROM habitacion;
275 * SELECT COUNT(*) FROM paciente;
276 * SELECT COUNT(*) FROM log_actividad;
277 * SELECT COUNT(*) FROM log_habitacion;

```

Output

#	Time	Action	Message	Duration / Rows
1	30:40:40	DELETE FROM log_habitacion	Row(s) affected	0.000 sec
2	30:40:50	DELETE FROM log_actividad	Row(s) affected	1.770 sec
3	30:47:11	DELETE FROM paciente	Row(s) affected	1.170 sec
4	30:47:27	DELETE FROM habitacion	Row(s) affected	0.014 sec

Restauración de full backup 4



```
Windows PowerShell
PS C:\Users\ninin\OneDrive\Escritorio\Backups> measure-command {Get-Content "backupfull4.sql" | mysql -u root -p bdclinica}
Enter password: *****

Days           : 0
Hours          : 0
Minutes        : 0
Seconds        : 9
Milliseconds    : 486
Ticks          : 94866009
TotalDays      : 0.000109798621327778
TotalHours     : 0.00263516691666667
TotalMinutes   : 0.158110015
TotalSeconds   : 9.4866009
TotalMilliseconds : 9486.0009

PS C:\Users\ninin\OneDrive\Escritorio\Backups>
```

```
SELECT * FROM habitacion
```

```
285 -- measure command [mysqldump -u root -p h4c1inica < backupfull13.sql]
286
287 -- SELECT FROM TABLAS:
288 * SELECT * FROM habitacion;
289 * SELECT * FROM paciente;
290 * SELECT * FROM log_actividad;
291 * SELECT * FROM log_habitacion;
292
293 -- SELECT COUNT(*) TABLAS
294 * SELECT COUNT(*) FROM habitacion;
295 * SELECT COUNT(*) FROM paciente;
296 * SELECT COUNT(*) FROM log_actividad;
297 * SELECT COUNT(*) FROM log_habitacion;
298
299 -- BIAS 30:
300 -- ELIMINACION DATOS LOG_HABITACION
301 * DELETE FROM log_habitacion;
302
303 -- ELIMINACION DATOS LOG_ACTIVIDAD
```

SELECT * FROM paciente

The screenshot shows a MySQL Workbench window with a SQL script in the editor and its execution results in the 'Results' pane. The script includes a comment about the command, a series of SELECT statements for tables and counts, and DELETE statements for log tables. The 'Results' pane shows the output of the SELECT statements, displaying columns 'idPaciente', 'idMed', and 'idMedicamento' with their respective values. The 'Action Output' pane shows the execution progress of the DELETE statements.

```

265 -- measure-command (mysqldump -u root -p hsklinica > backupfull14.sql)
266
267 -- SELECT FROM TABLAS:
268 * SELECT * FROM habitacion;
269 * SELECT * FROM paciente;
270 * SELECT * FROM log_actividad;
271 * SELECT * FROM log_habitacion;
272
273 -- SELECT COUNT(*) TABLAS
274 * SELECT COUNT(*) FROM habitacion;
275 * SELECT COUNT(*) FROM paciente;
276 * SELECT COUNT(*) FROM log_actividad;
277 * SELECT COUNT(*) FROM log_habitacion;
278
279 -- DIA 10:
280 -- ELIMINACION DATOS LOG HABITACION
281 * DELETE FROM log_habitacion;
282
283 -- ELIMINACION DATOS LOG ACTIVIDAD
284 * DELETE FROM log_actividad;
  
```

idPaciente	idMed	idMedicamento
10000	42	Paracetamol
10001	40	Paracetamol
10002	42	Paracetamol
10003	8	Paracetamol
10004	40	Paracetamol

Time	Action	Message	Duration / Status
2 00:40:59	DELETE FROM log_actividad	3364 records affected	1.779 sec
3 00:41:11	DELETE FROM paciente	10431 records affected	1.975 sec
4 00:41:27	DELETE FROM habitacion	75 records affected	0.076 sec
5 00:42:23	SELECT * FROM log_habitacion LIMIT 1000 records returned		0.075 sec / 0.000 sec
6 00:42:42	SELECT * FROM paciente LIMIT 1000 records returned		0.076 sec / 0.000 sec

SELECT * FROM log_actividad

The screenshot shows a MySQL Workbench window with a SQL script in the editor and its execution results in the 'Results' pane. The script is identical to the one in the first screenshot. The 'Results' pane shows the output of the SELECT statements, displaying columns 'idLogActividad', 'idPaciente', 'idMed', and 'idMedicamento' with their respective values. The 'Action Output' pane shows the execution progress of the DELETE statements.

```

265 -- measure-command (mysqldump -u root -p hsklinica > backupfull14.sql)
266
267 -- SELECT FROM TABLAS:
268 * SELECT * FROM habitacion;
269 * SELECT * FROM paciente;
270 * SELECT * FROM log_actividad;
271 * SELECT * FROM log_habitacion;
272
273 -- SELECT COUNT(*) TABLAS
274 * SELECT COUNT(*) FROM habitacion;
275 * SELECT COUNT(*) FROM paciente;
276 * SELECT COUNT(*) FROM log_actividad;
277 * SELECT COUNT(*) FROM log_habitacion;
278
279 -- DIA 10:
280 -- ELIMINACION DATOS LOG HABITACION
281 * DELETE FROM log_habitacion;
282
283 -- ELIMINACION DATOS LOG ACTIVIDAD
284 * DELETE FROM log_actividad;
  
```

idLogActividad	idPaciente	idMed	idMedicamento
131470	570 (2021-7-13 14:48)	42	Paracetamol
131471	570 (2021-7-13 14:48)	40	Paracetamol
131472	570 (2021-7-13 14:48)	42	Paracetamol
131473	570 (2021-7-13 14:48)	40	Paracetamol
131474	570 (2021-7-13 14:48)	42	Paracetamol
131475	570 (2021-7-13 14:48)	40	Paracetamol
131476	570 (2021-7-13 14:48)	42	Paracetamol

Time	Action	Message	Duration / Status
3 00:41:11	DELETE FROM paciente	10431 records affected	1.975 sec
4 00:41:27	DELETE FROM habitacion	75 records affected	0.076 sec
5 00:42:23	SELECT * FROM log_habitacion LIMIT 1000 records returned		0.075 sec / 0.000 sec
6 00:42:42	SELECT * FROM paciente LIMIT 1000 records returned		0.076 sec / 0.000 sec
7 00:42:54	SELECT * FROM log_actividad LIMIT 1000 records returned		0.076 sec / 0.000 sec

SELECT * FROM log_habitacion

The screenshot shows the SQL Workbench 8.0.27.0000 interface. The top pane displays a SQL script with the following content:

```
-- measure-command [mysqldump -u root -p bdclinica < backupfull14.sql]
-- SELECT FROM TABLAS:
268 * SELECT * FROM habitacion;
269 * SELECT * FROM paciente;
270 * SELECT * FROM log_actividad;
271 * SELECT * FROM log_habitacion;
272
-- SELECT COUNT(*) TABLAS
273 * SELECT COUNT(*) FROM habitacion;
274 * SELECT COUNT(*) FROM paciente;
275 * SELECT COUNT(*) FROM log_actividad;
276 * SELECT COUNT(*) FROM log_habitacion;
277
-- DIA 18:
280 -- ELIMINACION DATOS LOG HABITACION
281 * DELETE FROM log_habitacion;
282
-- ELIMINACION DATOS LOG ACTIVIDAD
283 * DELETE FROM log_actividad;
```

The bottom pane shows the execution results for the script. The table below represents the data shown in the 'Action Output' pane:

#	Time	Action	Message	Duration / Value
4	00:47:27	DELETE FROM habitacion	15 rows affected	0:076 sec
5	00:48:20	SELECT * FROM habitacion LIMIT 10	10 rows returned	0:075 sec / 0:000 sec
6	00:48:40	SELECT * FROM paciente LIMIT 1000	1000 rows returned	0:076 sec / 0:000 sec
7	00:48:54	SELECT * FROM log_actividad LIMIT 1000	1000 rows returned	0:000 sec / 0:000 sec
8	00:49:05	SELECT * FROM log_habitacion	0 rows returned	0:000 sec / 0:000 sec

SELECT COUNT(*) FROM habitacion

The screenshot shows the SQL Workbench 8.0.27.0000 interface. The top pane displays a SQL script with the following content:

```
-- measure-command [mysqldump -u root -p bdclinica < backupfull14.sql]
-- SELECT FROM TABLAS:
268 * SELECT * FROM habitacion;
269 * SELECT * FROM paciente;
270 * SELECT * FROM log_actividad;
271 * SELECT * FROM log_habitacion;
272
-- SELECT COUNT(*) TABLAS
273 * SELECT COUNT(*) FROM habitacion;
274 * SELECT COUNT(*) FROM paciente;
275 * SELECT COUNT(*) FROM log_actividad;
276 * SELECT COUNT(*) FROM log_habitacion;
277
-- DIA 18:
280 -- ELIMINACION DATOS LOG HABITACION
281 * DELETE FROM log_habitacion;
282
-- ELIMINACION DATOS LOG ACTIVIDAD
283 * DELETE FROM log_actividad;
```

The bottom pane shows the execution results for the script. The table below represents the data shown in the 'Action Output' pane:

#	Time	Action	Message	Duration / Value
5	00:48:23	SELECT * FROM habitacion LIMIT 10	10 rows returned	0:075 sec / 0:000 sec
6	00:48:42	SELECT * FROM paciente LIMIT 1000	1000 rows returned	0:076 sec / 0:000 sec
7	00:48:54	SELECT * FROM log_actividad LIMIT 1000	1000 rows returned	0:000 sec / 0:000 sec
8	00:49:06	SELECT * FROM log_habitacion	0 rows returned	0:000 sec / 0:000 sec
9	00:49:21	SELECT COUNT(*) FROM habitacion	1 row returned	0:000 sec / 0:000 sec

SELECT COUNT(*) FROM paciente

The screenshot shows a MySQL Workbench window with a SQL script editor and a results pane. The script contains several SQL statements, including a series of SELECT COUNT(*) queries for different tables. The results pane shows the execution of the query 'SELECT COUNT(*) FROM paciente' at 00:42:42, which returned 1300 rows in 0.016 seconds.

```

265 -- measure-command [mysqldump -u root -p b6i1n1c4 < backupfull14.sql]
266
267 -- SELECT FROM TABLAS:
268 * SELECT * FROM habitacion;
269 * SELECT * FROM paciente;
270 * SELECT * FROM log_actividad;
271 * SELECT * FROM log_habitacion;
272
273 -- SELECT COUNT(*) TABLAS
274 * SELECT COUNT(*) FROM habitacion;
275 * SELECT COUNT(*) FROM paciente;
276 * SELECT COUNT(*) FROM log_actividad;
277 * SELECT COUNT(*) FROM log_habitacion;
278
279 -- DTA 10:
280 -- ELIMINACION DATOS LOG HABITACION
281 * DELETE FROM log_habitacion;
282
283 -- ELIMINACION DATOS LOG ACTIVIDAD
284 * DELETE FROM log_actividad;

```

Time	Action	Message	Duration	Rows
00:42:42	SELECT * FROM paciente LIMIT 1300 rows returned		0.016 sec	1300 rows
00:42:42	SELECT * FROM log_actividad LIMIT 1300 rows returned		0.002 sec	1300 rows
00:42:42	SELECT * FROM log_habitacion LIMIT 1300 rows returned		0.002 sec	1300 rows
00:42:42	SELECT COUNT(*) FROM paciente		0.002 sec	1300 rows
00:42:42	SELECT COUNT(*) FROM log_actividad		0.002 sec	1300 rows
00:42:42	SELECT COUNT(*) FROM log_habitacion		0.002 sec	1300 rows

SELECT COUNT(*) FROM log_actividad

The screenshot shows a MySQL Workbench window with a SQL script editor and a results pane. The script contains several SQL statements, including a series of SELECT COUNT(*) queries for different tables. The results pane shows the execution of the query 'SELECT COUNT(*) FROM log_actividad' at 00:42:42, which returned 1300 rows in 0.002 seconds.

```

265 -- measure-command [mysqldump -u root -p b6i1n1c4 < backupfull14.sql]
266
267 -- SELECT FROM TABLAS:
268 * SELECT * FROM habitacion;
269 * SELECT * FROM paciente;
270 * SELECT * FROM log_actividad;
271 * SELECT * FROM log_habitacion;
272
273 -- SELECT COUNT(*) TABLAS
274 * SELECT COUNT(*) FROM habitacion;
275 * SELECT COUNT(*) FROM paciente;
276 * SELECT COUNT(*) FROM log_actividad;
277 * SELECT COUNT(*) FROM log_habitacion;
278
279 -- DTA 10:
280 -- ELIMINACION DATOS LOG HABITACION
281 * DELETE FROM log_habitacion;
282
283 -- ELIMINACION DATOS LOG ACTIVIDAD
284 * DELETE FROM log_actividad;

```

Time	Action	Message	Duration	Rows
00:42:42	SELECT * FROM paciente LIMIT 1300 rows returned		0.016 sec	1300 rows
00:42:42	SELECT * FROM log_actividad LIMIT 1300 rows returned		0.002 sec	1300 rows
00:42:42	SELECT * FROM log_habitacion LIMIT 1300 rows returned		0.002 sec	1300 rows
00:42:42	SELECT COUNT(*) FROM paciente		0.002 sec	1300 rows
00:42:42	SELECT COUNT(*) FROM log_actividad		0.002 sec	1300 rows
00:42:42	SELECT COUNT(*) FROM log_habitacion		0.002 sec	1300 rows

SELECT COUNT(*) FROM log_habitacion

The screenshot shows a MySQL command-line interface with the following SQL commands and their execution results:

```
-- measure command (mysqlsh -u root -p h0cl1s1c0 < backups0114.sql)
205
206
207 -- SELECT FROM TABLAS:
208 * SELECT * FROM habitacion;
209 * SELECT * FROM paciente;
210 * SELECT * FROM log_actividad;
211 * SELECT * FROM log_habitacion;
212
213 -- SELECT COUNT(*) TABLAS:
214 * SELECT COUNT(*) FROM habitacion;
215 * SELECT COUNT(*) FROM paciente;
216 * SELECT COUNT(*) FROM log_actividad;
217 * SELECT COUNT(*) FROM log_habitacion;
218
219 -- DIA 10:
220 -- ELIMINACION DATOS LOG HABITACION
221 * DELETE FROM log_habitacion;
222
223 -- ELIMINACION DATOS LOG ACTIVIDAD
224 * DELETE FROM log_actividad;
225
```

The results of the commands are shown in the bottom panel:

#	Time	Action	Message	Duration / Error
8	00:40:36	SELECT FROM log_habitacion	1 row(s) returned	0.000 sec / 0.000 sec
9	00:40:37	SELECT COUNT(*) FROM habitacion	1 row(s) returned	0.000 sec / 0.000 sec
10	00:40:40	SELECT COUNT(*) FROM paciente	1 row(s) returned	0.000 sec / 0.000 sec
11	00:40:41	SELECT COUNT(*) FROM log_actividad	1 row(s) returned	0.000 sec / 0.000 sec
12	00:40:42	SELECT COUNT(*) FROM log_habitacion	1 row(s) returned	0.000 sec / 0.000 sec

- Día 10

Eliminación de datos tabla log_habitacion

```

277 * SELECT COUNT(*) FROM log_habitacion;
278
279 -- DIA 10:
280 -- ELIMINACION DATOS LOG HABITACION
281 * DELETE FROM log_habitacion;
282
283 -- ELIMINACION DATOS LOG ACTIVIDAD
284 * DELETE FROM log_actividad;
285
286 -- ELIMINACION DATOS PACIENTES
287 * DELETE FROM paciente;
288
289 -- ELIMINACION DATOS HABITACIONES
290 * DELETE FROM habitacion;
291
292 -- RESTAURACION TABLAS DIA 5 (backupfull15.sql) (CONSOLE) :
293 -- measure-command (mysqldump -u root -p hcl clinica < backupfull15.sql)
294
295 -- SELECT FROM TABLAS:
296 * SELECT * FROM habitacion;
297 * SELECT * FROM paciente;
298 * SELECT * FROM log_actividad;
299 * SELECT * FROM log_habitacion;
300
301 -- SELECT COUNT(*) TABLAS

```

Output

#	Time	Action	Message	Status / Fail
1	00:50:50	DELETE FROM log_habitacion	Executed affected	Success / Fail

Duration / Fail: 3.000 sec

Eliminación de datos tabla log_actividad

```

277 * SELECT COUNT(*) FROM log_habitacion;
278
279 -- DIA 10:
280 -- ELIMINACION DATOS LOG HABITACION
281 * DELETE FROM log_habitacion;
282
283 -- ELIMINACION DATOS LOG ACTIVIDAD
284 * DELETE FROM log_actividad;
285
286 -- ELIMINACION DATOS PACIENTES
287 * DELETE FROM paciente;
288
289 -- ELIMINACION DATOS HABITACIONES
290 * DELETE FROM habitacion;
291
292 -- RESTAURACION TABLAS DIA 5 (backupfull15.sql) (CONSOLE) :
293 -- measure-command (mysqldump -u root -p hcl clinica < backupfull15.sql)
294
295 -- SELECT FROM TABLAS:
296 * SELECT * FROM habitacion;
297 * SELECT * FROM paciente;
298 * SELECT * FROM log_actividad;
299 * SELECT * FROM log_habitacion;
300
301 -- SELECT COUNT(*) TABLAS

```

Output

#	Time	Action	Message	Status / Fail
1	00:50:50	DELETE FROM log_habitacion	Executed affected	Success / Fail
2	00:51:15	DELETE FROM log_actividad	Executed affected	Success / Fail

Duration / Fail: 4.750 sec

Eliminación de datos tabla paciente

```
277 * SELECT COUNT(*) FROM log_habitacion;
278
279 -- DIA 18:
280 -- ELIMINACION DATOS LOG HABITACION
281 * DELETE FROM log_habitacion;
282
283 -- ELIMINACION DATOS LOG ACTIVIDAD
284 * DELETE FROM log_actividad;
285
286 -- ELIMINACION DATOS PACIENTES
287 * DELETE FROM paciente;
288
289 -- ELIMINACION DATOS HABITACIONES
290 * DELETE FROM habitacion;
291
292 -- RESTAURACION TABLAS DIA 5 (backupfull5.sql) (CONSOLA) :
293 -- restore-command (mysqldump -u root -p bdclinica < backupfull5.sql)
294
295 -- SELECT FROM TABLAS:
296 * SELECT * FROM habitacion;
297 * SELECT * FROM paciente;
298 * SELECT * FROM log_actividad;
299 * SELECT * FROM log_habitacion;
300
301 -- SELECT COUNT(*) TABLAS
```

#	Time	Action	Message	Duration / Rows
1	00:30:59	DELETE FROM log_habitacion	8 rows affected	0.000 sec
2	00:31:01	DELETE FROM log_actividad	47364 rows affected	4.734 sec
3	00:31:28	DELETE FROM paciente	15 rows affected	1.453 sec

Eliminación de datos tabla habitacion

```
277 * SELECT COUNT(*) FROM log_habitacion;
278
279 -- DIA 18:
280 -- ELIMINACION DATOS LOG HABITACION
281 * DELETE FROM log_habitacion;
282
283 -- ELIMINACION DATOS LOG ACTIVIDAD
284 * DELETE FROM log_actividad;
285
286 -- ELIMINACION DATOS PACIENTES
287 * DELETE FROM paciente;
288
289 -- ELIMINACION DATOS HABITACIONES
290 * DELETE FROM habitacion;
291
292 -- RESTAURACION TABLAS DIA 5 (backupfull5.sql) (CONSOLA) :
293 -- restore-command (mysqldump -u root -p bdclinica < backupfull5.sql)
294
295 -- SELECT FROM TABLAS:
296 * SELECT * FROM habitacion;
297 * SELECT * FROM paciente;
298 * SELECT * FROM log_actividad;
299 * SELECT * FROM log_habitacion;
300
301 -- SELECT COUNT(*) TABLAS
```

#	Time	Action	Message	Duration / Rows
1	00:30:59	DELETE FROM log_habitacion	8 rows affected	0.000 sec
2	00:31:01	DELETE FROM log_actividad	47364 rows affected	4.734 sec
3	00:31:28	DELETE FROM paciente	15 rows affected	1.453 sec
4	00:31:42	DELETE FROM habitacion	15 rows affected	0.000 sec

Restauración de full backup 5

```
Windows PowerShell
PS C:\Users\minin\OneDrive\Escritorio\Backups> measure-command {Get-Content "backupfull5.sql" | mysql -u root -p bdclinica}
Enter password: *****

Days           : 0
Hours          : 0
Minutes        : 0
Seconds        : 7
Milliseconds    : 247
Ticks          : 72473452
TotalDays      : 8.38813101851852E-05
TotalHours     : 0.00201315144444444
TotalMinutes   : 0.120769886666667
TotalSeconds   : 7.2473452
TotalMilliseconds : 7247.3452

PS C:\Users\minin\OneDrive\Escritorio\Backups>
```

SELECT * FROM habitacion

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

```
281 * DELETE FROM log_habitacion;
282
283 -- ELIMINACION DATOS LOG ACTIVIDAD
284 * DELETE FROM log_actividad;
285
286 -- ELIMINACION DATOS PACIENTES
287 * DELETE FROM paciente;
288
289 -- ELIMINACION DATOS HABITACIONES
290 * DELETE FROM habitacion;
291
292 -- RESTAURACION TABLAS DIA 5 (backupfull5.sql) (CONSOLA) :
293 -- measure-command {mysql -u root -p bdclinica < backupfull5.sql}
294
295 -- SELECT FROM TABLAS:
296 * SELECT * FROM habitacion;
297 * SELECT * FROM paciente;
298 * SELECT * FROM log_actividad;
299 * SELECT * FROM log_habitacion;
300
```

id	nombre
1	Sala de emergencias 1
2	Sala de emergencias 2
3	Sala de emergencias 3
4	Sala de emergencias 4
5	Sala de emergencias 5

id	nombre	descripcion
1	Sala de emergencias 1	0.000 sec
2	Sala de emergencias 2	0.000 sec
3	Sala de emergencias 3	0.000 sec
4	Sala de emergencias 4	0.000 sec
5	Sala de emergencias 5	0.000 sec

SELECT * FROM paciente

The screenshot shows a MySQL Workbench window with a SQL script in the editor. The script includes several DELETE and SELECT statements. The 'Results' tab is active, displaying the output of the SELECT statements. The 'Action Output' tab shows the execution progress of the script.

```

281 * DELETE FROM log_habitacion;
282
283 -- ELIMINACION DATOS LOG ACTIVIDAD
284 * DELETE FROM log_actividad;
285
286 -- ELIMINACION DATOS PACIENTES
287 * DELETE FROM paciente;
288
289 -- ELIMINACION DATOS HABITACIONES
290 * DELETE FROM habitacion;
291
292 -- RESTAURACION TABLAS DIA 5 (backupfull5.sql) (CONSOLA) :
293 -- measure-command [mysqldump -u root -p bdclinica < backupfull5.sql]
294
295 -- SELECT FROM TABLAS:
296 * SELECT * FROM habitacion;
297 * SELECT * FROM paciente;
298 * SELECT * FROM log_actividad;
299 * SELECT * FROM log_habitacion;
300
301

```

Results (17 / 4)

idpaciente	edad	genero
00000	44	Org
00001	46	Femenino
00002	42	Femenino
00003	8	Femenino
00004	18	Femenino

Action Output

Time	Action	Message	Duration / Peak
2 00:03:13	DELETE FROM log_actividad	6782 rows affected	4.754 sec
3 00:03:20	DELETE FROM paciente	154184 rows affected	1.433 sec
4 00:03:42	DELETE FROM habitacion	15 rows affected	0.000 sec
5 00:03:37	SELECT * FROM habitacion LIMIT 10	rows returned	0.000 sec / 0.000 sec
6 00:03:40	SELECT * FROM paciente LIMIT 1000	rows returned	0.000 sec / 0.000 sec

SELECT * FROM log_actividad

The screenshot shows a MySQL Workbench window with a SQL script in the editor. The script includes several DELETE and SELECT statements. The 'Results' tab is active, displaying the output of the SELECT statements. The 'Action Output' tab shows the execution progress of the script.

```

281 * DELETE FROM log_habitacion;
282
283 -- ELIMINACION DATOS LOG ACTIVIDAD
284 * DELETE FROM log_actividad;
285
286 -- ELIMINACION DATOS PACIENTES
287 * DELETE FROM paciente;
288
289 -- ELIMINACION DATOS HABITACIONES
290 * DELETE FROM habitacion;
291
292 -- RESTAURACION TABLAS DIA 5 (backupfull5.sql) (CONSOLA) :
293 -- measure-command [mysqldump -u root -p bdclinica < backupfull5.sql]
294
295 -- SELECT FROM TABLAS:
296 * SELECT * FROM habitacion;
297 * SELECT * FROM paciente;
298 * SELECT * FROM log_actividad;
299 * SELECT * FROM log_habitacion;
300
301

```

Results (17 / 4)

id_log_actividad	idpaciente	actividad	idhabitacion
133072	5/26/2021 7:20:15 AM	Paciente realiza registro	224047
133073	5/26/2021 7:20:16 AM	Paciente realiza registro en respuesta	224047
133074	5/26/2021 7:20:16 AM	Paciente realiza registro en respuesta	224047
133075	5/26/2021 7:20:16 AM	Paciente realiza registro en respuesta	224047
133076	5/26/2021 7:20:16 AM	Paciente realiza registro en respuesta	224047

Action Output

Time	Action	Message	Duration / Peak
2 00:03:20	DELETE FROM paciente	154184 rows affected	1.433 sec
4 00:03:42	DELETE FROM habitacion	15 rows affected	0.000 sec
5 00:03:37	SELECT * FROM habitacion LIMIT 10	rows returned	0.000 sec / 0.000 sec
6 00:03:40	SELECT * FROM paciente LIMIT 1000	rows returned	0.000 sec / 0.000 sec
7 00:03:38	SELECT * FROM log_actividad	1000 rows returned	0.000 sec / 0.000 sec

SELECT * FROM log_habitacion

The screenshot shows a MySQL Workbench window with a SQL script in the editor. The script includes several SQL statements: DELETE FROM log_habitaciones; DELETE FROM log_actividad; DELETE FROM paciente; DELETE FROM habitacion; RESTAURACION TABLAS DIA 5 (backupfull5.sql) (CONSOLA); measure-command (mysqldump -u root -p bdcilnica < backupfull5.sql); SELECT FROM TABLAS; SELECT * FROM habitacion; SELECT * FROM paciente; SELECT * FROM log_actividad; SELECT * FROM log_habitacion; The script is executed, and the results are displayed in the 'Result Grid' and 'Action Output' panes. The 'Result Grid' shows a table with columns 'id', 'fecha', 'estado', and 'descripcion'. The 'Action Output' pane shows a table with columns 'id', 'Time', 'Action', 'Message', and 'Duration / Ratio'. The 'Action Output' table shows the execution of the SELECT * FROM log_habitacion statement, which returned 1000 rows.

```
261 * DELETE FROM log_habitaciones;
262
263 -- ELIMINACION DATOS LOG ACTIVIDAD
264 * DELETE FROM log_actividad;
265
266 -- ELIMINACION DATOS PACIENTES
267 * DELETE FROM paciente;
268
269 -- ELIMINACION DATOS HABITACIONES
270 * DELETE FROM habitacion;
271
272 -- RESTAURACION TABLAS DIA 5 (backupfull5.sql) (CONSOLA) :
273 -- measure-command (mysqldump -u root -p bdcilnica < backupfull5.sql)
274
275 -- SELECT FROM TABLAS:
276 * SELECT * FROM habitacion;
277 * SELECT * FROM paciente;
278 * SELECT * FROM log_actividad;
279 * SELECT * FROM log_habitacion;
```

id	fecha	estado	descripcion
1	2021-07-01 00:00:00	ok	ok
2	2021-07-01 00:00:00	ok	ok
3	2021-07-01 00:00:00	ok	ok
4	2021-07-01 00:00:00	ok	ok
5	2021-07-01 00:00:00	ok	ok
6	2021-07-01 00:00:00	ok	ok
7	2021-07-01 00:00:00	ok	ok
8	2021-07-01 00:00:00	ok	ok
9	2021-07-01 00:00:00	ok	ok
10	2021-07-01 00:00:00	ok	ok

id	Time	Action	Message	Duration / Ratio
1	00:00:00	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00
2	00:00:00	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00
3	00:00:00	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00
4	00:00:00	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00
5	00:00:00	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00
6	00:00:00	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00
7	00:00:00	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00
8	00:00:00	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00
9	00:00:00	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00
10	00:00:00	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00

SELECT COUNT(*) FROM habitacion

The screenshot shows a MySQL Workbench window with a SQL script in the editor. The script includes several SQL statements: DELETE FROM paciente; ELIMINACION DATOS HABITACIONES; DELETE FROM habitacion; RESTAURACION TABLAS DIA 5 (backupfull5.sql) (CONSOLA); measure-command (mysqldump -u root -p bdcilnica < backupfull5.sql); SELECT FROM TABLAS; SELECT * FROM habitacion; SELECT * FROM paciente; SELECT * FROM log_actividad; SELECT * FROM log_habitacion; SELECT COUNT(*) FROM habitacion; SELECT COUNT(*) FROM paciente; SELECT COUNT(*) FROM log_actividad; SELECT COUNT(*) FROM log_habitacion; The script is executed, and the results are displayed in the 'Result Grid' and 'Action Output' panes. The 'Result Grid' shows a table with columns 'id', 'fecha', 'estado', and 'descripcion'. The 'Action Output' pane shows a table with columns 'id', 'Time', 'Action', 'Message', and 'Duration / Ratio'. The 'Action Output' table shows the execution of the SELECT COUNT(*) FROM habitacion statement, which returned 1 row.

```
287 * DELETE FROM paciente;
288
289 -- ELIMINACION DATOS HABITACIONES
290 * DELETE FROM habitacion;
291
292 -- RESTAURACION TABLAS DIA 5 (backupfull5.sql) (CONSOLA) :
293 -- measure-command (mysqldump -u root -p bdcilnica < backupfull5.sql)
294
295 -- SELECT FROM TABLAS:
296 * SELECT * FROM habitacion;
297 * SELECT * FROM paciente;
298 * SELECT * FROM log_actividad;
299 * SELECT * FROM log_habitacion;
300
301 -- SELECT COUNT(*) FROM TABLAS
302 * SELECT COUNT(*) FROM habitacion;
303 * SELECT COUNT(*) FROM paciente;
304 * SELECT COUNT(*) FROM log_actividad;
305 * SELECT COUNT(*) FROM log_habitacion;
```

id	fecha	estado	descripcion
1	2021-07-01 00:00:00	ok	ok
2	2021-07-01 00:00:00	ok	ok
3	2021-07-01 00:00:00	ok	ok
4	2021-07-01 00:00:00	ok	ok
5	2021-07-01 00:00:00	ok	ok
6	2021-07-01 00:00:00	ok	ok
7	2021-07-01 00:00:00	ok	ok
8	2021-07-01 00:00:00	ok	ok
9	2021-07-01 00:00:00	ok	ok
10	2021-07-01 00:00:00	ok	ok

id	Time	Action	Message	Duration / Ratio
1	00:00:00	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00
2	00:00:00	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00
3	00:00:00	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00
4	00:00:00	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00
5	00:00:00	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00
6	00:00:00	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00
7	00:00:00	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00
8	00:00:00	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00
9	00:00:00	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00
10	00:00:00	DELETE FROM habitacion	10 rows affected	0:00:00 / 0:00:00

SELECT COUNT(*) FROM paciente

The screenshot shows a database management tool interface. The top pane displays SQL code for deleting data and selecting counts from several tables. The bottom pane shows the execution results for the query 'SELECT COUNT(*) FROM paciente', which returned a single value: 154184. The 'Action Output' pane at the bottom shows a list of executed queries and their durations.

```
287 * DELETE FROM paciente;
288
289 -- ELIMINACION DATOS HABITACIONES
290 * DELETE FROM habitacion;
291
292 -- RESTAURACION TABLAS DIA 5 (backupfull5.sql) (CONSOLE) :
293 -- measure-command (mysqldump -u root -p hdelclinic < backupfull5.sql)
294
295 -- SELECT FROM TABLAS:
296 * SELECT * FROM habitacion;
297 * SELECT * FROM paciente;
298 * SELECT * FROM log_actividad;
299 * SELECT * FROM log_habitacion;
300
301 -- SELECT COUNT(*) TABLAS
302 * SELECT COUNT(*) FROM habitacion;
303 * SELECT COUNT(*) FROM paciente;
304 * SELECT COUNT(*) FROM log_actividad;
305 * SELECT COUNT(*) FROM log_habitacion;
```

Result 121

COUNT(*)
154184

Result 122

Time	Action	Message	Duration	Wait
0 00:50:49	SELECT * FROM paciente LIMIT 1000 rows returned		0.000 sec / 0.000 sec	
7 00:50:58	SELECT * FROM log_actividad	1000 rows returned	0.000 sec / 0.000 sec	
8 00:51:04	SELECT * FROM log_habitacion	1000 rows returned	0.000 sec / 0.000 sec	
9 00:51:10	SELECT COUNT(*) FROM habitacion	1 row(s) returned	0.000 sec / 0.000 sec	
10 00:51:16	SELECT COUNT(*) FROM paciente	1 row(s) returned	0.000 sec / 0.000 sec	
11 00:51:22	SELECT COUNT(*) FROM log_actividad	1 row(s) returned	0.000 sec / 0.000 sec	

SELECT COUNT(*) FROM log_actividad

The screenshot shows the same database management tool interface. The SQL code in the top pane is identical to the previous one. The bottom pane shows the execution results for the query 'SELECT COUNT(*) FROM log_actividad', which returned a single value: 157688. The 'Action Output' pane at the bottom shows a list of executed queries and their durations.

```
296 -- ELIMINACION DATOS PACIENTES
297 * DELETE FROM paciente;
298
299 -- ELIMINACION DATOS HABITACIONES
300 * DELETE FROM habitacion;
301
302 -- RESTAURACION TABLAS DIA 5 (backupfull5.sql) (CONSOLE) :
303 -- measure-command (mysqldump -u root -p hdelclinic < backupfull5.sql)
304
305 -- SELECT FROM TABLAS:
306 * SELECT * FROM habitacion;
307 * SELECT * FROM paciente;
308 * SELECT * FROM log_actividad;
309 * SELECT * FROM log_habitacion;
310
311 -- SELECT COUNT(*) TABLAS
312 * SELECT COUNT(*) FROM habitacion;
313 * SELECT COUNT(*) FROM paciente;
314 * SELECT COUNT(*) FROM log_actividad;
315 * SELECT COUNT(*) FROM log_habitacion;
```

Result 121

COUNT(*)
157688

Result 122

Time	Action	Message	Duration	Wait
7 00:50:58	SELECT * FROM log_actividad	1000 rows returned	0.000 sec / 0.000 sec	
8 00:51:04	SELECT * FROM log_habitacion	1000 rows returned	0.000 sec / 0.000 sec	
9 00:51:10	SELECT COUNT(*) FROM habitacion	1 row(s) returned	0.000 sec / 0.000 sec	
10 00:51:16	SELECT COUNT(*) FROM paciente	1 row(s) returned	0.000 sec / 0.000 sec	
11 00:51:22	SELECT COUNT(*) FROM log_actividad	1 row(s) returned	0.000 sec / 0.000 sec	

SELECT COUNT(*) FROM log_habitacion

The screenshot shows a MySQL command-line interface with the following SQL commands and their results:

```
287 * DELETE FROM paciente;
288
289 -- ELIMINACION DATOS HABITACIONES
290 * DELETE FROM habitacion;
291
292 -- RESTAURACION TABLAS DIA 5 (backupfull5.sql) (CONSOLE) :
293 -- restore-command (mysqldump -u root -p hdbcliria < backupfull5.sql)
294
295 -- SELECT FROM TABLAS:
296 * SELECT * FROM habitacion;
297 * SELECT * FROM paciente;
298 * SELECT * FROM log_actividad;
299 * SELECT * FROM log_habitacion;
300
301 -- SELECT COUNT(*) TABLAS:
302 * SELECT COUNT(*) FROM habitacion;
303 * SELECT COUNT(*) FROM paciente;
304 * SELECT COUNT(*) FROM log_actividad;
305 * SELECT COUNT(*) FROM log_habitacion;
```

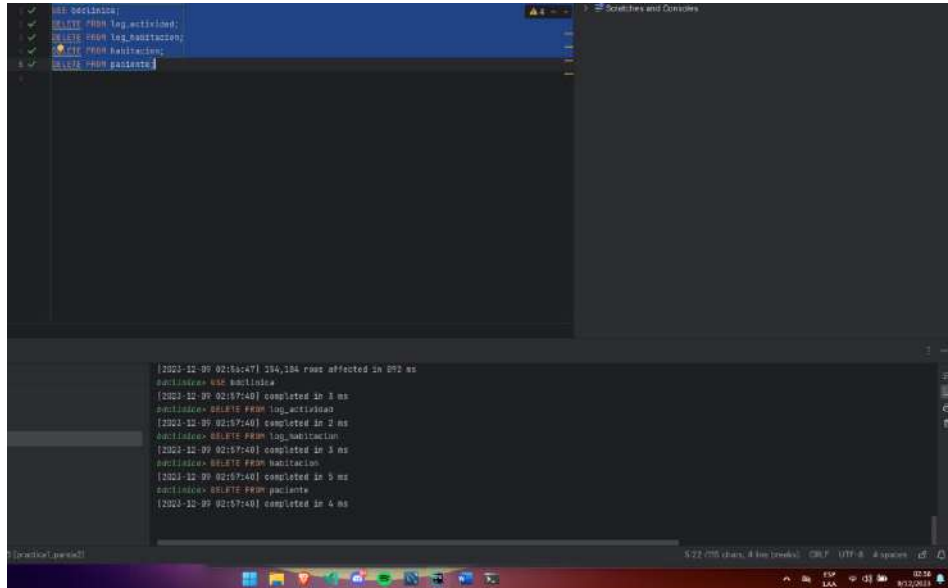
The results of the COUNT(*) queries are shown in a table below:

Time	Query	Rows	Duration
00:00:14	SELECT COUNT(*) FROM log_habitacion	1000 rows returned	0.075 sec / 0.000 sec
00:00:17	SELECT COUNT(*) FROM paciente	7 rows returned	0.010 sec / 0.000 sec
00:00:18	SELECT COUNT(*) FROM paciente	7 rows returned	0.010 sec / 0.000 sec
00:00:19	SELECT COUNT(*) FROM log_hab...	7 rows returned	0.010 sec / 0.000 sec
00:00:20	SELECT COUNT(*) FROM log_hab...	7 rows returned	0.010 sec / 0.000 sec

Restauración de Backup incremental

- Día 11

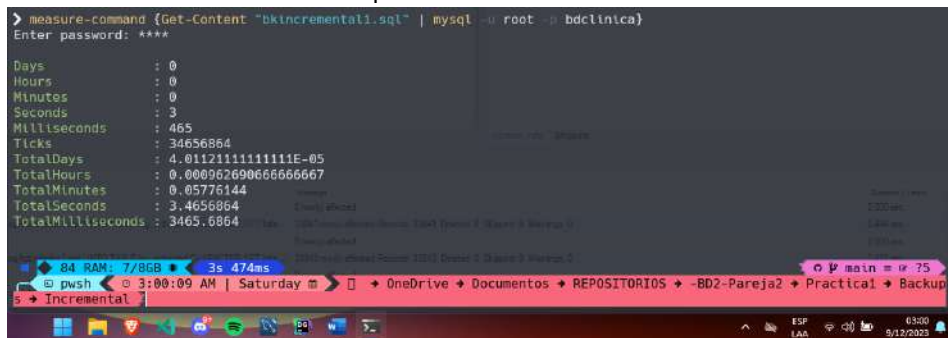
Eliminación de datos de todas las tablas



```
mysql> SET @@sql_log_bin=0;
mysql> DELETE FROM log_actividad;
mysql> DELETE FROM log_habilitacion;
mysql> DELETE FROM habilitacion;
mysql> DELETE FROM paciente;

[2023-12-09 02:16:47] 284,284 rows affected in 0.92 ms
mysql> USE bdclinica;
mysql> DELETE FROM bdclinica;
[2023-12-09 02:16:48] completed in 3 ms
mysql> DELETE FROM log_actividad;
[2023-12-09 02:16:48] completed in 2 ms
mysql> DELETE FROM log_habilitacion;
[2023-12-09 02:16:48] completed in 3 ms
mysql> DELETE FROM habilitacion;
[2023-12-09 02:16:48] completed in 5 ms
mysql> DELETE FROM paciente;
[2023-12-09 02:16:48] completed in 4 ms
```

Restauración de backup incremental 1

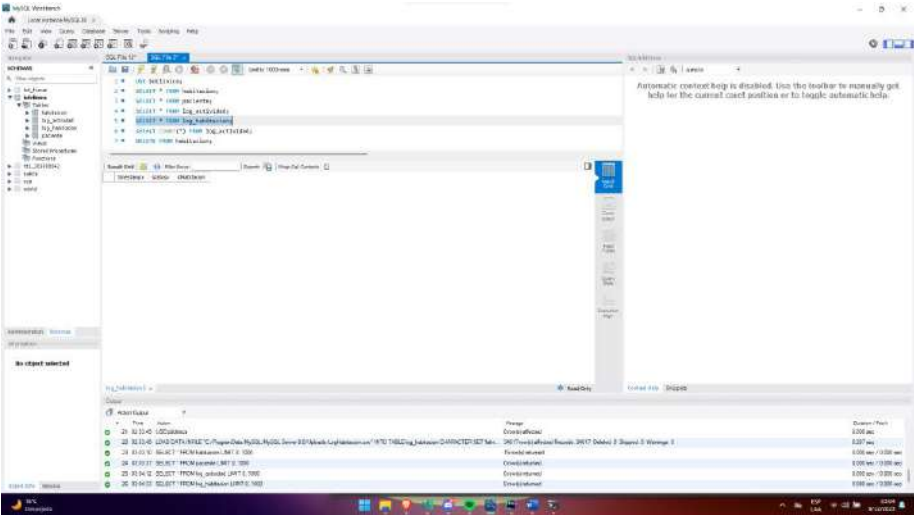


```
> measure-command (Get-Content "bkIncremental1.sql" | mysql -u root -p bdclinica)
Enter password: ****

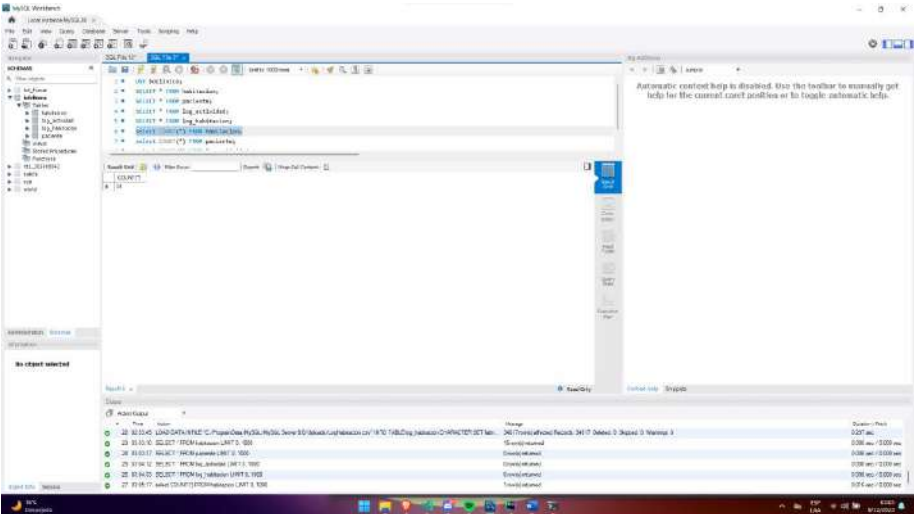
Days: 0
Hours: 0
Minutes: 0
Seconds: 3
Milliseconds: 465
Ticks: 34656864
TotalDays: 4.011211111111111E-05
TotalHours: 0.00096269066666667
TotalMinutes: 0.05776144
TotalSeconds: 3.4656864
TotalMilliseconds: 3465.6864
```

The screenshot shows the AutoCAD interface with the command line at the top and the Properties palette on the right. The command line displays the command `REG_PLOT` and the current plot settings. The Properties palette shows the properties of the selected object, including its name, layer, and plot settings.

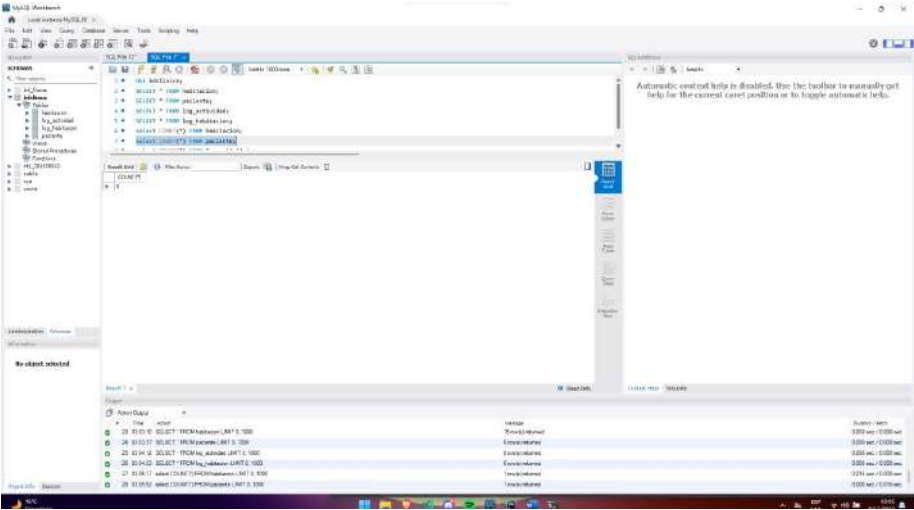
SELECT * FROM log_habitacion



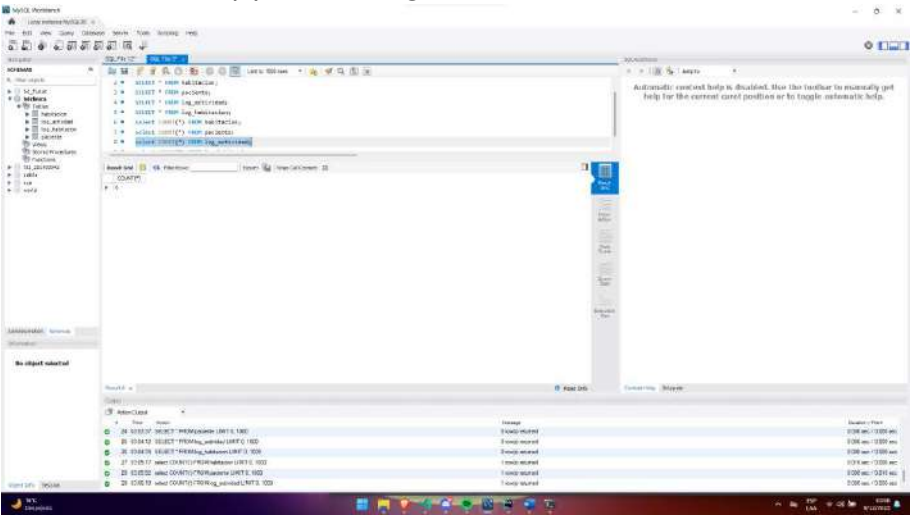
SELECT COUNT(*) FROM habitacion



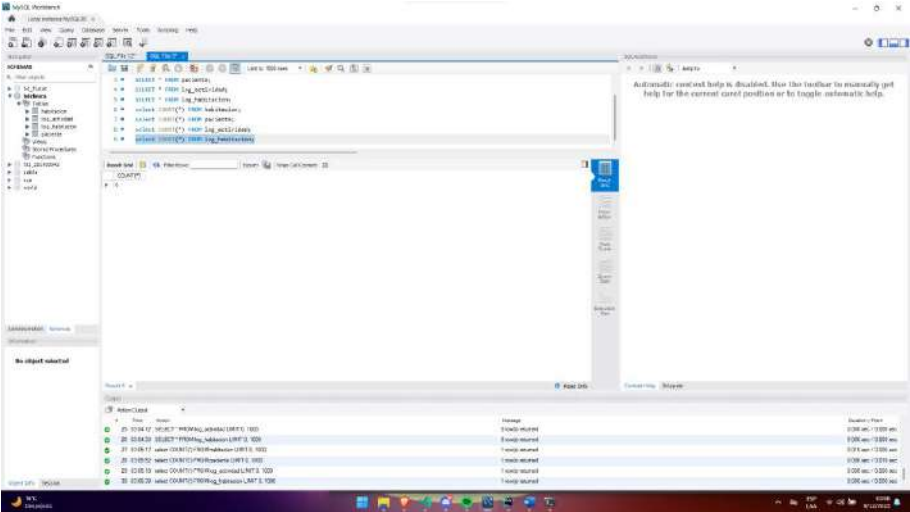
SELECT COUNT(*) FROM paciente



SELECT COUNT(*) FROM log_actividad



SELECT COUNT(*) FROM log_habitacion



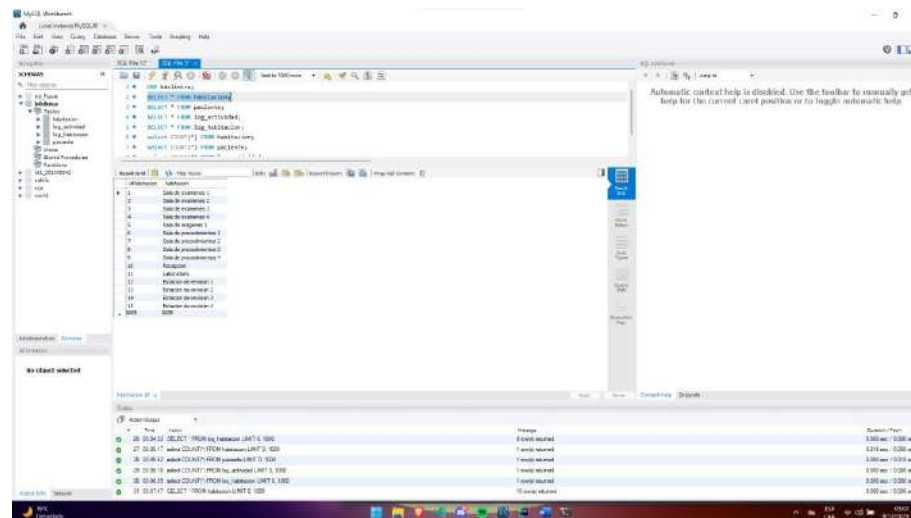
- Día 12

Restauración de backup incremental 2

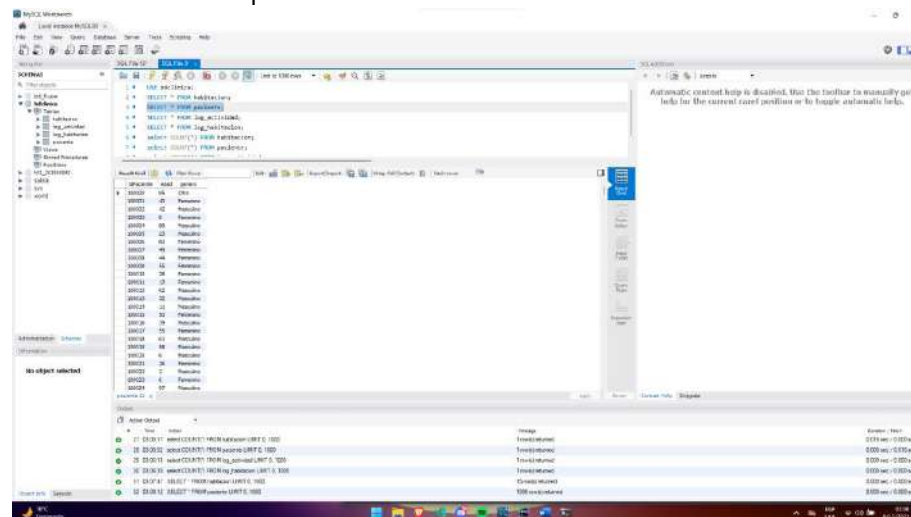
```
> measure-command {Get-Content "bkincremental2.sql" | mysql -u root -p baclinica}
Enter password: ****

Days           : 0
Hours          : 0
Minutes        : 0
Seconds        : 3
Milliseconds   : 657
Ticks          : 36579338
TotalDays      : 4.23371967592593E-05
TotalHours     : 0.00101899272222222
TotalMinutes   : 0.0600655633333333
TotalSeconds   : 3.6579338
TotalMilliseconds : 3657.9338
```

SELECT * FROM habitacion

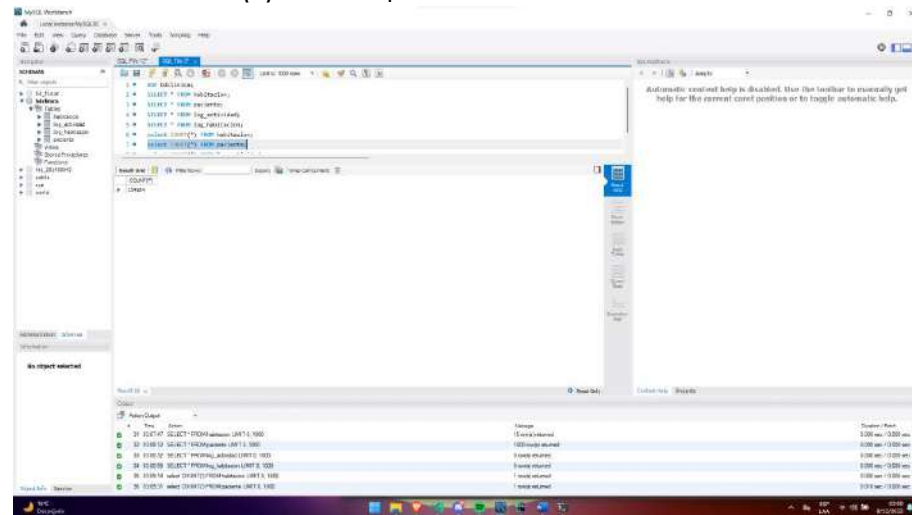


SELECT * FROM paciente

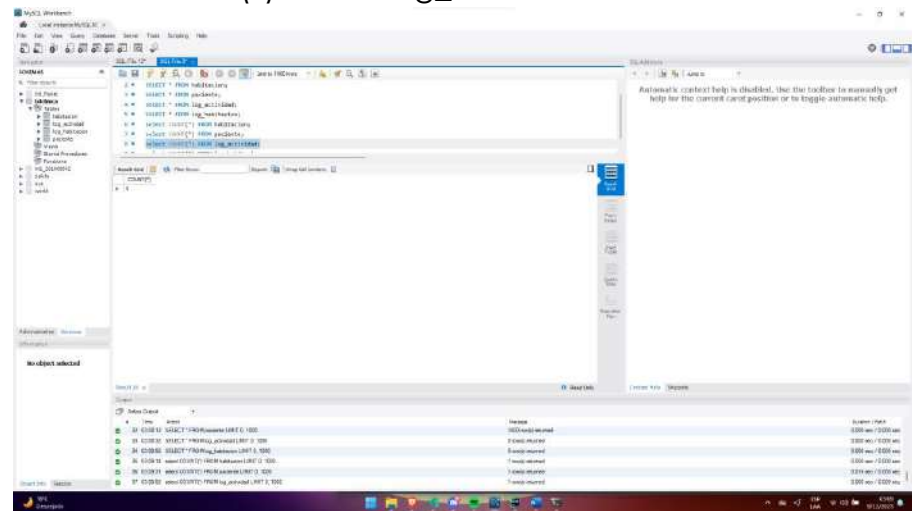


The screenshot shows the Logic Pro Assistant interface. On the left, the 'Piano Roll' is visible, showing a sequence of notes on a keyboard. The notes are colored in a gradient from blue to red. The right pane shows the 'MIDI Editor' for the selected track, displaying a list of notes and their parameters. The notes are listed in a table with columns for Note, Pitch, Velocity, and Duration. The notes are: C4 (440 Hz), C#4 (460.88 Hz), D4 (482.25 Hz), D#4 (503.99 Hz), E4 (523.25 Hz), F4 (554.37 Hz), F#4 (582.67 Hz), G4 (617.31 Hz), G#4 (645.18 Hz), A4 (686.66 Hz), A#4 (718.88 Hz), B4 (759.96 Hz), B#4 (795.08 Hz), C5 (836.94 Hz), C#5 (877.08 Hz), D5 (924.83 Hz), D#5 (968.98 Hz), E5 (1013.53 Hz), F5 (1067.63 Hz), F#5 (1118.68 Hz), G5 (1176.69 Hz), G#5 (1232.93 Hz), A5 (1294.63 Hz), A#5 (1354.94 Hz), B5 (1432.99 Hz), B#5 (1496.47 Hz), C6 (1567.98 Hz), C#6 (1636.51 Hz), D6 (1712.69 Hz), D#6 (1786.61 Hz), E6 (1867.68 Hz), F6 (1975.53 Hz), F#6 (2059.58 Hz), G6 (2169.28 Hz), G#6 (2259.63 Hz), A6 (2369.98 Hz), A#6 (2466.07 Hz), B6 (2579.95 Hz), B#6 (2682.61 Hz), C7 (2796.32 Hz), C#7 (2908.83 Hz), D7 (3031.81 Hz), D#7 (3150.05 Hz), E7 (3280.13 Hz), F7 (3426.59 Hz), F#7 (3580.95 Hz), G7 (3734.71 Hz), G#7 (3896.44 Hz), A7 (4068.17 Hz), A#7 (4237.76 Hz), B7 (4433.21 Hz), B#7 (4611.26 Hz), C8 (4799.31 Hz), C#8 (4988.02 Hz), D8 (5231.51 Hz), D#8 (5432.94 Hz), E8 (5676.48 Hz), F8 (5935.55 Hz), F#8 (6199.43 Hz), G8 (6481.54 Hz), G#8 (6759.63 Hz), A8 (7081.26 Hz), A#8 (7374.76 Hz), B8 (7696.58 Hz), B#8 (7995.58 Hz), C9 (8336.76 Hz), C#9 (8644.41 Hz), D9 (8996.76 Hz), D#9 (9314.76 Hz), E9 (9653.17 Hz), F9 (9999.01 Hz), F#9 (10352.41 Hz), G9 (10714.76 Hz), G#9 (11085.96 Hz), A9 (11469.02 Hz), A#9 (11854.96 Hz), B9 (12445.05 Hz), B#9 (12854.96 Hz), C10 (13599.31 Hz), C#10 (14034.41 Hz), D10 (14569.76 Hz), D#10 (15024.76 Hz), E10 (15529.17 Hz), F10 (16009.01 Hz), F#10 (16499.41 Hz), G10 (17004.76 Hz), G#10 (17514.76 Hz), A10 (18129.02 Hz), A#10 (18659.96 Hz), B10 (19819.05 Hz), B#10 (20374.96 Hz), C11 (21699.31 Hz), C#11 (22274.41 Hz), D11 (22969.76 Hz), D#11 (23574.76 Hz), E11 (24279.17 Hz), F11 (24909.01 Hz), F#11 (25549.41 Hz), G11 (26804.76 Hz), G#11 (27464.76 Hz), A11 (28529.02 Hz), A#11 (29209.96 Hz), B11 (31099.05 Hz), B#11 (31804.96 Hz), C12 (33899.31 Hz), C#12 (34624.41 Hz), D12 (35569.76 Hz), D#12 (36324.76 Hz), E12 (37179.17 Hz), F12 (38009.01 Hz), F#12 (38859.41 Hz), G12 (40804.76 Hz), G#12 (41674.76 Hz), A12 (43529.02 Hz), A#12 (44429.96 Hz), B12 (47399.05 Hz), B#12 (48324.96 Hz), C13 (50599.31 Hz), C#13 (51544.41 Hz), D13 (52629.76 Hz), D#13 (53694.76 Hz), E13 (54779.17 Hz), F13 (55879.01 Hz), F#13 (56999.41 Hz), G13 (59104.76 Hz), G#13 (60244.76 Hz), A13 (62429.02 Hz), A#13 (63609.96 Hz), B13 (67099.05 Hz), B#13 (68304.96 Hz), C14 (70999.31 Hz), C#14 (72224.41 Hz), D14 (73569.76 Hz), D#14 (74824.76 Hz), E14 (76099.17 Hz), F14 (77379.01 Hz), F#14 (78679.41 Hz), G14 (81004.76 Hz), G#14 (82324.76 Hz), A14 (85029.02 Hz), A#14 (86379.96 Hz), B14 (90099.05 Hz), B#14 (91474.96 Hz), C15 (95099.31 Hz), C#15 (96544.41 Hz), D15 (98069.76 Hz), D#15 (99574.76 Hz), E15 (101629.17 Hz), F15 (103729.01 Hz), F#15 (105859.41 Hz), G15 (108904.76 Hz), G#15 (111074.76 Hz), A15 (115229.02 Hz), A#15 (117429.96 Hz), B15 (122999.05 Hz), B#15 (125224.96 Hz), C16 (130599.31 Hz), C#16 (132844.41 Hz), D16 (135169.76 Hz), D#16 (137424.76 Hz), E16 (139729.17 Hz), F16 (142029.01 Hz), F#16 (144359.41 Hz), G16 (148604.76 Hz), G#16 (150954.76 Hz), A16 (155629.02 Hz), A#16 (158009.96 Hz), B16 (165099.05 Hz), B#16 (167504.96 Hz), C17 (173999.31 Hz), C#17 (176424.41 Hz), D17 (178969.76 Hz), D#17 (181524.76 Hz), E17 (184099.17 Hz), F17 (186679.01 Hz), F#17 (189279.41 Hz), G17 (194804.76 Hz), G#17 (197424.76 Hz), A17 (203629.02 Hz), A#17 (206279.96 Hz), B17 (215099.05 Hz), B#17 (217774.96 Hz), C18 (226999.31 Hz), C#18 (229694.41 Hz), D18 (232469.76 Hz), D#18 (235174.76 Hz), E18 (237899.17 Hz), F18 (240629.01 Hz), F#18 (243379.41 Hz), G18 (249604.76 Hz), G#18 (252374.76 Hz), A18 (260629.02 Hz), A#18 (263429.96 Hz), B18 (274999.05 Hz), B#18 (277824.96 Hz), C19 (289999.31 Hz), C#19 (292844.41 Hz), D19 (295769.76 Hz), D#19 (298624.76 Hz), E19 (301499.17 Hz), F19 (304379.01 Hz), F#19 (307279.41 Hz), G19 (315604.76 Hz), G#19 (318524.76 Hz), A19 (328629.02 Hz), A#19 (331579.96 Hz), B19 (345999.05 Hz), B#19 (348974.96 Hz), C20 (361999.31 Hz), C#20 (364944.41 Hz), D20 (367869.76 Hz), D#20 (370824.76 Hz), E20 (373799.17 Hz), F20 (376779.01 Hz), F#20 (379779.41 Hz), G20 (389604.76 Hz), G#20 (392624.76 Hz), A20 (403629.02 Hz), A#20 (406679.96 Hz), B20 (420999.05 Hz), B#20 (424074.96 Hz), C21 (437999.31 Hz), C#21 (441044.41 Hz), D21 (444069.76 Hz), D#21 (447124.76 Hz), E21 (450199.17 Hz), F21 (453279.01 Hz), F#21 (456379.41 Hz), G21 (468604.76 Hz), G#21 (471674.76 Hz), A21 (484629.02 Hz), A#21 (487729.96 Hz), B21 (505999.05 Hz), B#21 (509124.96 Hz), C22 (522999.31 Hz), C#22 (526144.41 Hz), D22 (529269.76 Hz), D#22 (532424.76 Hz), E22 (535599.17 Hz), F22 (538779.01 Hz), F#22 (541979.41 Hz), G22 (554604.76 Hz), G#22 (557774.76 Hz), A22 (569629.02 Hz), A#22 (572829.96 Hz), B22 (590999.05 Hz), B#22 (594224.96 Hz), C23 (607999.31 Hz), C#23 (611244.41 Hz), D23 (614469.76 Hz), D#23 (617624.76 Hz), E23 (620799.17 Hz), F23 (623979.01 Hz), F#23 (627179.41 Hz), G23 (639604.76 Hz), G#23 (642774.76 Hz), A23 (654629.02 Hz), A#23 (657829.96 Hz), B23 (675999.05 Hz), B#23 (679224.96 Hz), C24 (692999.31 Hz), C#24 (696244.41 Hz), D24 (699469.76 Hz), D#24 (702624.76 Hz), E24 (705799.17 Hz), F24 (708979.01 Hz), F#24 (712179.41 Hz), G24 (724604.76 Hz), G#24 (727774.76 Hz), A24 (739629.02 Hz), A#24 (742829.96 Hz), B24 (760999.05 Hz), B#24 (764224.96 Hz), C25 (777999.31 Hz), C#25 (781244.41 Hz), D25 (784469.76

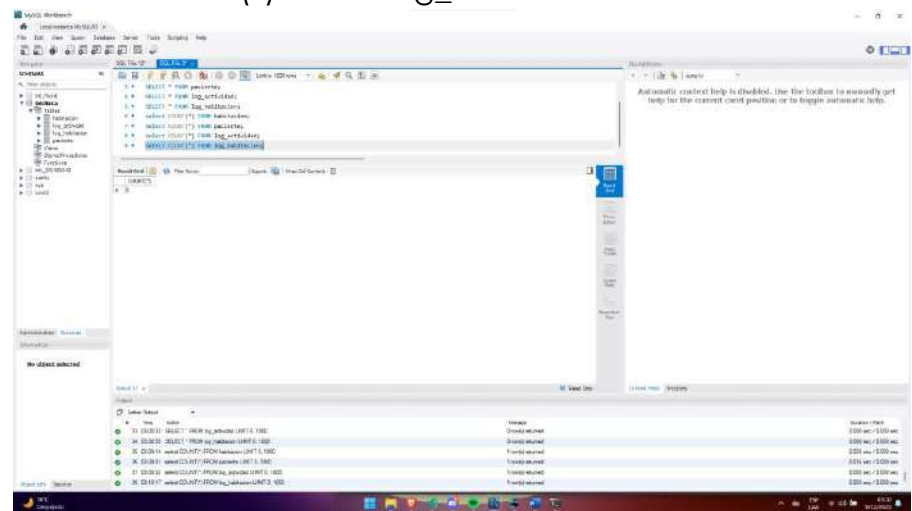
SELECT COUNT(*) FROM paciente



SELECT COUNT(*) FROM log_actividad



SELECT COUNT(*) FROM log_habitacion



- Día 13

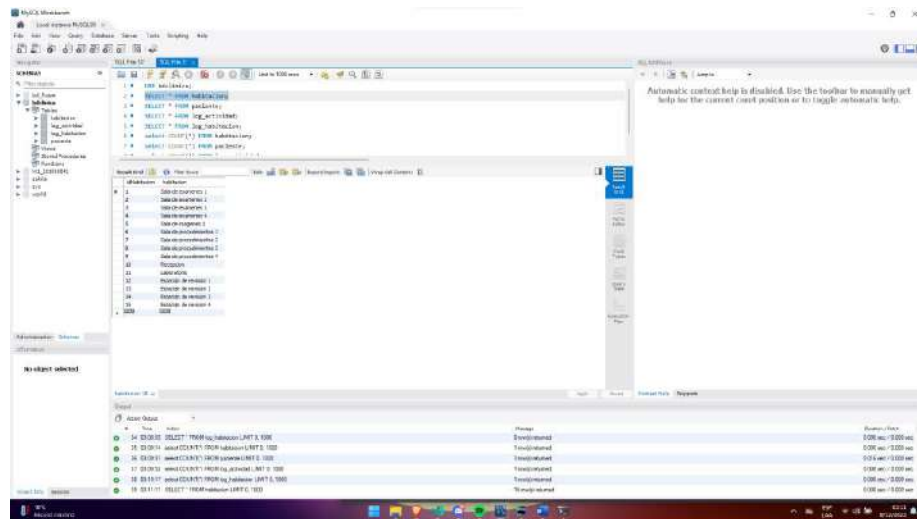
Restauración de backup incremental 3

```
> measure-command [Get-Content "bkincremental3.sql" | mysql -u root -bdclinica]
Enter password: ****

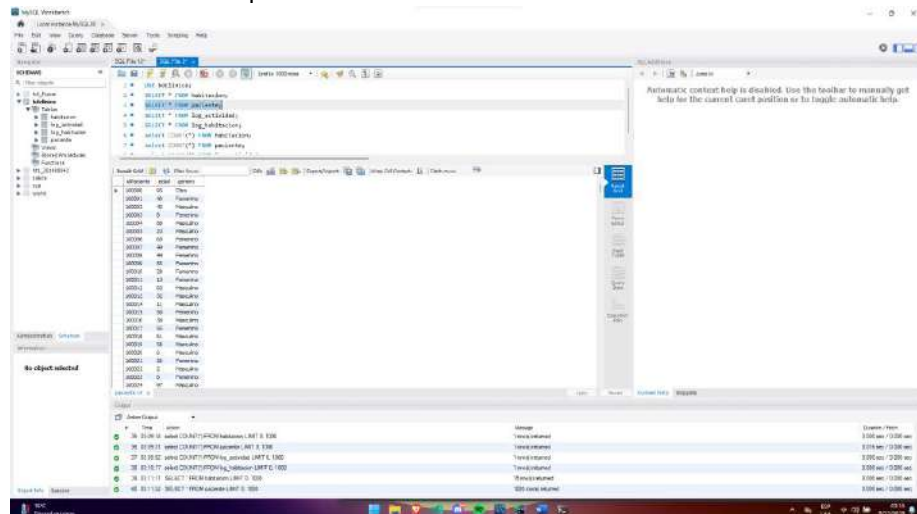
Days          : 0
Hours         : 0
Minutes       : 0
Seconds       : 3
Milliseconds  : 38
Ticks         : 38382784
TotalDays     : 3.51651666666667E-05
TotalHours    : 0.000843964
TotalMinutes  : 0.05063784
TotalSeconds  : 3.0382784
TotalMilliseconds : 3838.2784
```

96 RAM: 7/8GB 3s 48ms
 3:10:48 AM | Saturday | OneDrive | Documentos | REPOSITORIOS | -BD2-Pareja2 | Practical | Backup
 Incremental

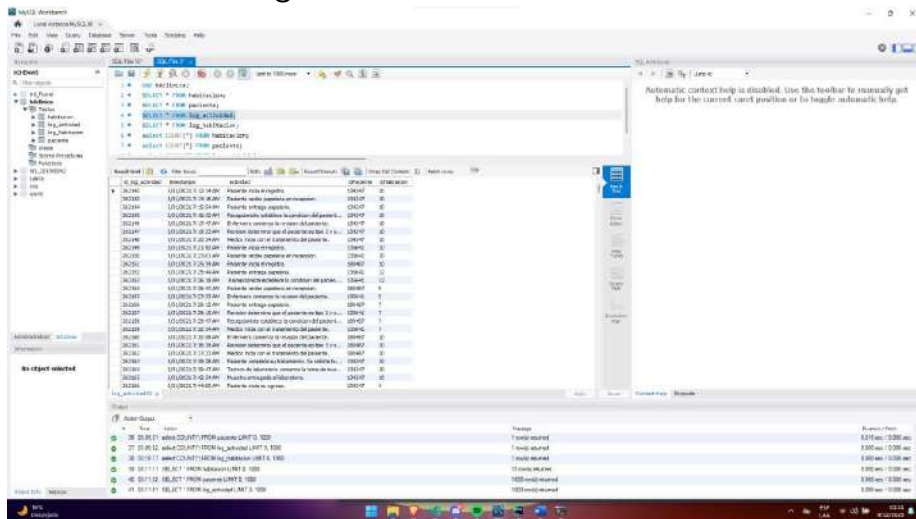
SELECT * FROM habitacion



SELECT * FROM paciente

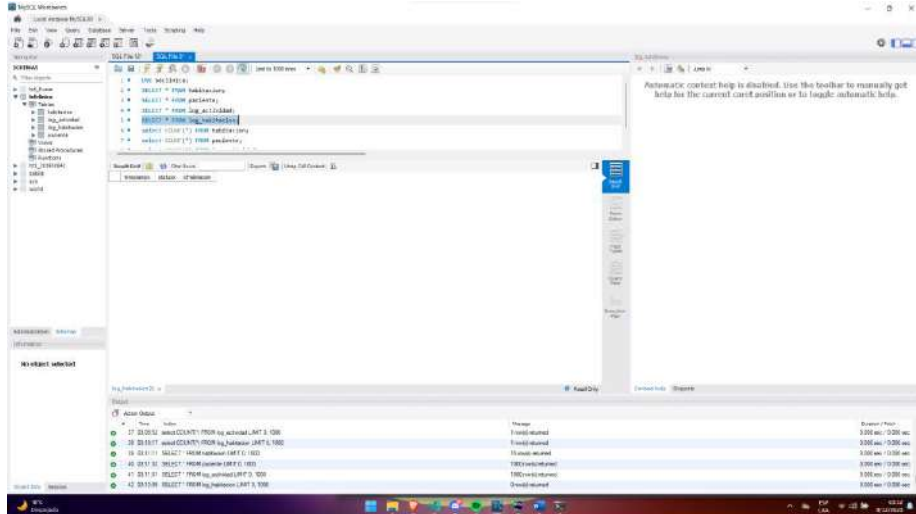


SELECT * FROM log_actividad



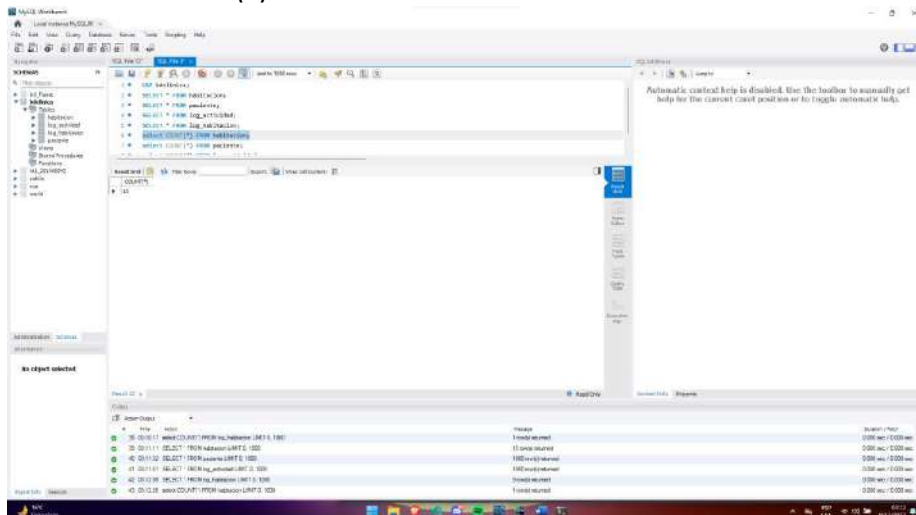
ID	Fecha	Hora	Descripcion
1	2010-11-11	10:00:00	Paciente con dolor de cabeza
2	2010-11-11	10:05:00	Paciente con fiebre
3	2010-11-11	10:10:00	Paciente con dolor de estomago
4	2010-11-11	10:15:00	Paciente con dolor de espalda
5	2010-11-11	10:20:00	Paciente con dolor de pecho
6	2010-11-11	10:25:00	Paciente con dolor de cuello
7	2010-11-11	10:30:00	Paciente con dolor de brazos
8	2010-11-11	10:35:00	Paciente con dolor de piernas
9	2010-11-11	10:40:00	Paciente con dolor de manos
10	2010-11-11	10:45:00	Paciente con dolor de pies

SELECT * FROM log_habitacion



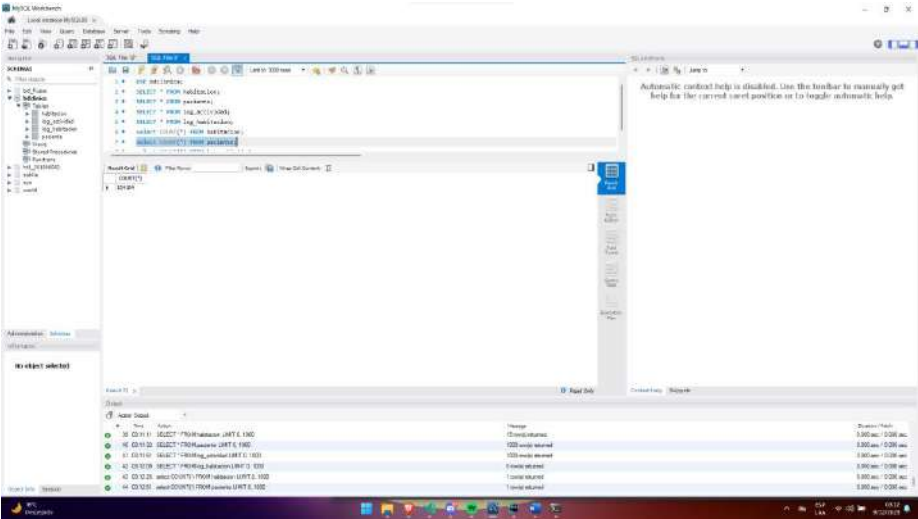
ID	Fecha	Hora	Descripcion
1	2010-11-11	10:00:00	Habitacion 1
2	2010-11-11	10:05:00	Habitacion 2
3	2010-11-11	10:10:00	Habitacion 3
4	2010-11-11	10:15:00	Habitacion 4
5	2010-11-11	10:20:00	Habitacion 5
6	2010-11-11	10:25:00	Habitacion 6
7	2010-11-11	10:30:00	Habitacion 7
8	2010-11-11	10:35:00	Habitacion 8
9	2010-11-11	10:40:00	Habitacion 9
10	2010-11-11	10:45:00	Habitacion 10

SELECT COUNT(*) FROM habitacion

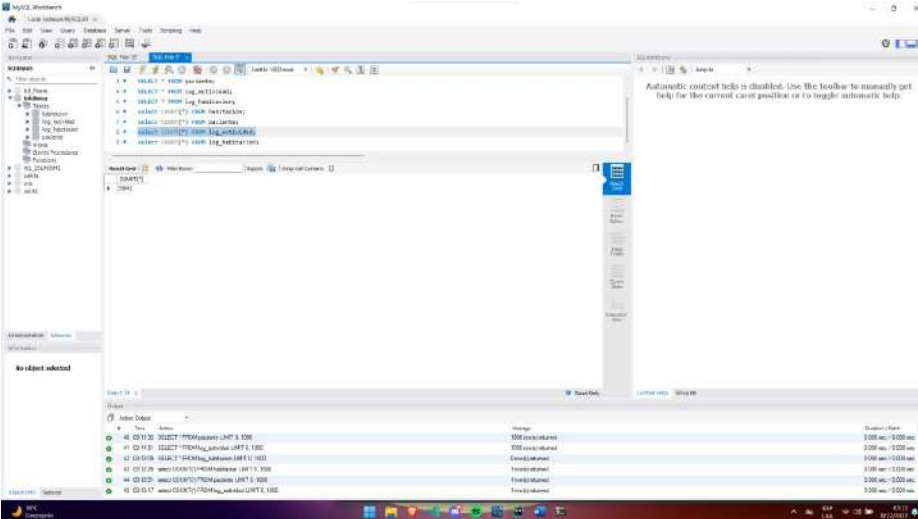


ID	Fecha	Hora	Descripcion
1	2010-11-11	10:00:00	Habitacion 1
2	2010-11-11	10:05:00	Habitacion 2
3	2010-11-11	10:10:00	Habitacion 3
4	2010-11-11	10:15:00	Habitacion 4
5	2010-11-11	10:20:00	Habitacion 5
6	2010-11-11	10:25:00	Habitacion 6
7	2010-11-11	10:30:00	Habitacion 7
8	2010-11-11	10:35:00	Habitacion 8
9	2010-11-11	10:40:00	Habitacion 9
10	2010-11-11	10:45:00	Habitacion 10

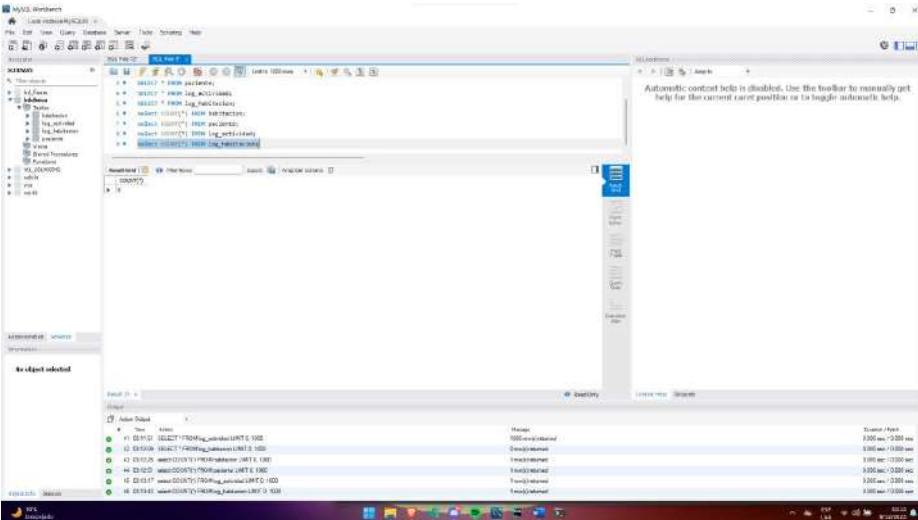
SELECT COUNT(*) FROM paciente



SELECT COUNT(*) FROM log_actividad



SELECT COUNT(*) FROM log_habitacion



- Día 14

Restauración de backup incremental 4

```
> measure-command {Get-Content "bkincremental4.sql" | mysql -u root -p bdclinica}
Enter password: *****

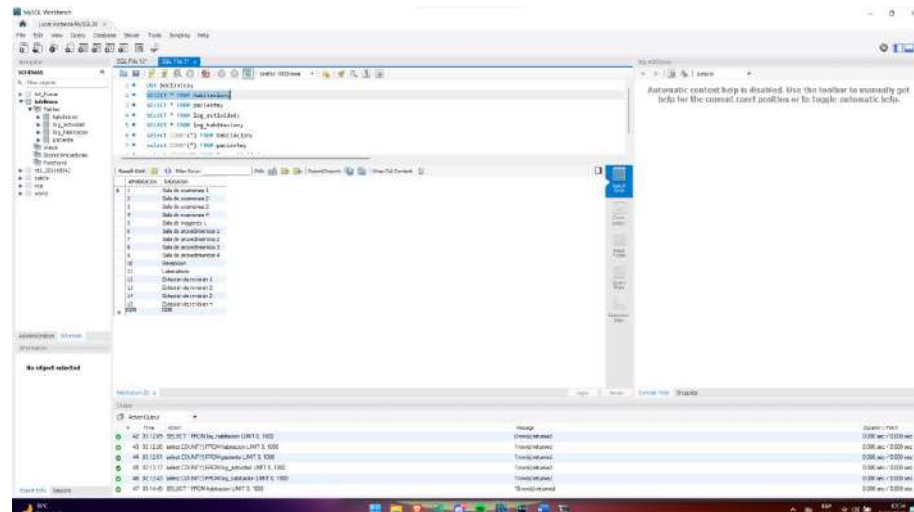
Days          : 0
Hours         : 0
Minutes       : 0
Seconds       : 2
Milliseconds  : 953
Ticks         : 29534466
TotalDays     : 3.4183409722222E-05
TotalHours    : 0.00082040183333333
TotalMinutes  : 0.04922411
TotalSeconds  : 2.9534466
TotalMilliseconds : 2953.4466
```

86 RAM: 7/8GB 2s 964ms

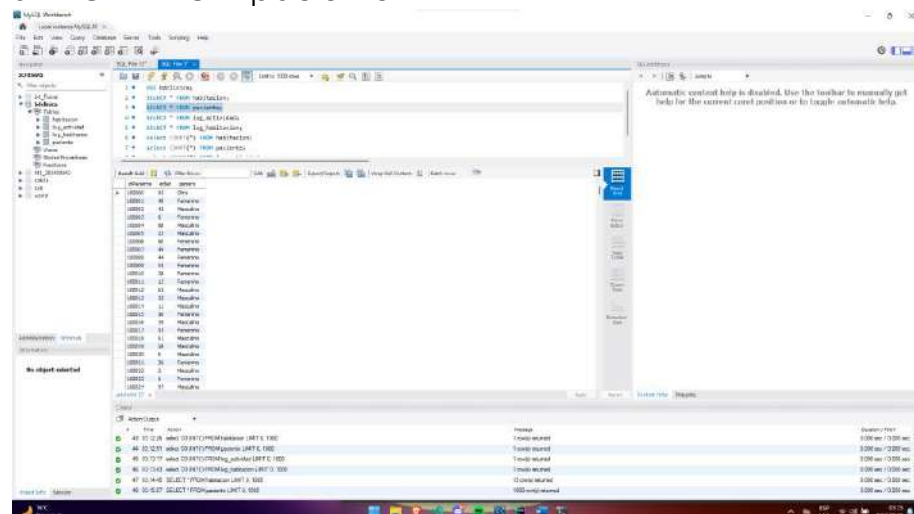
3:14:16 AM | Saturday | OneDrive | Documentos | REPOSITARIOS | -BD2-Pareja2 | Practical | Backup

Incremental

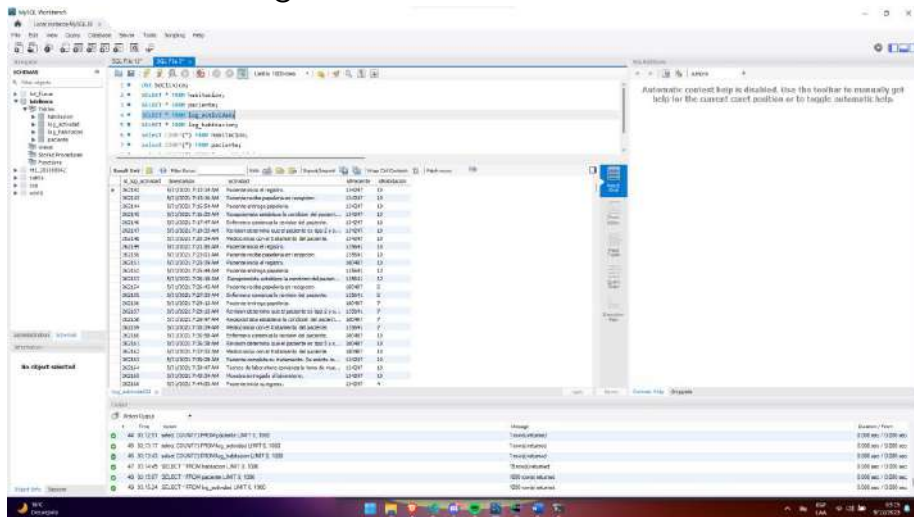
SELECT * FROM habitacion



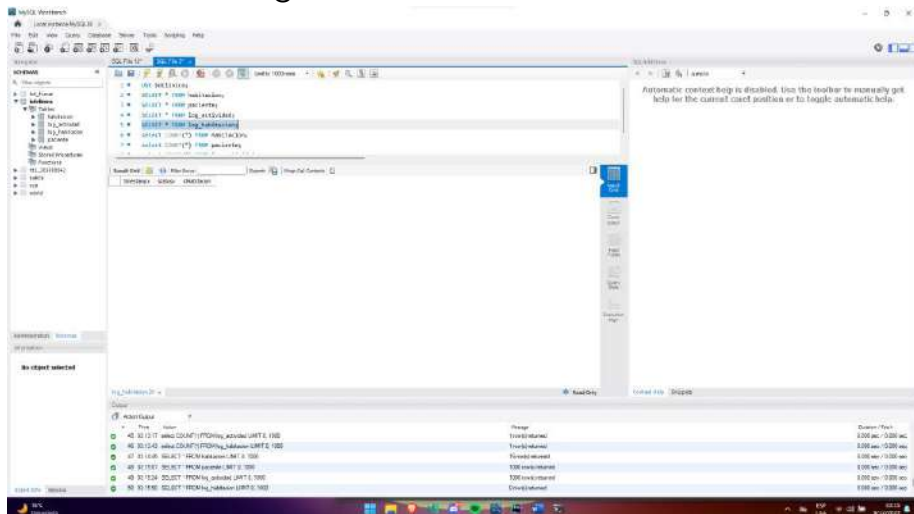
SELECT * FROM paciente



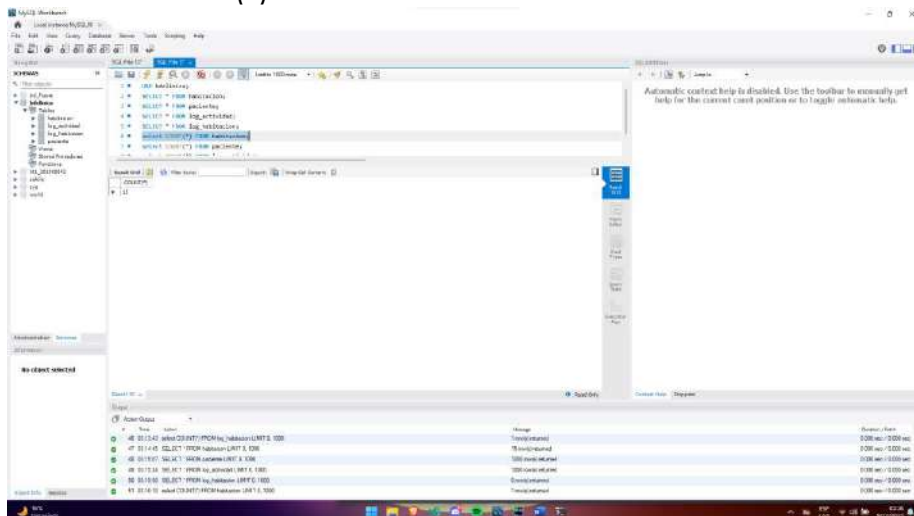
SELECT * FROM log_actividad



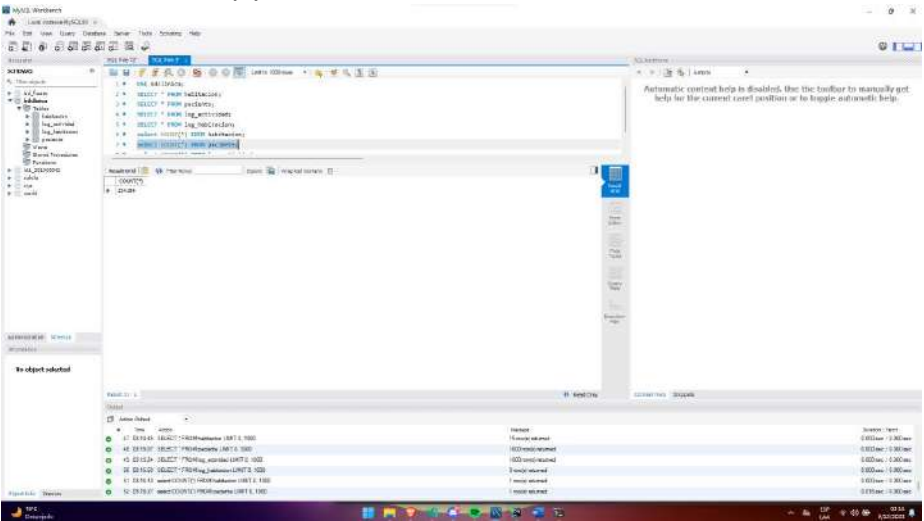
SELECT * FROM log_habitacion



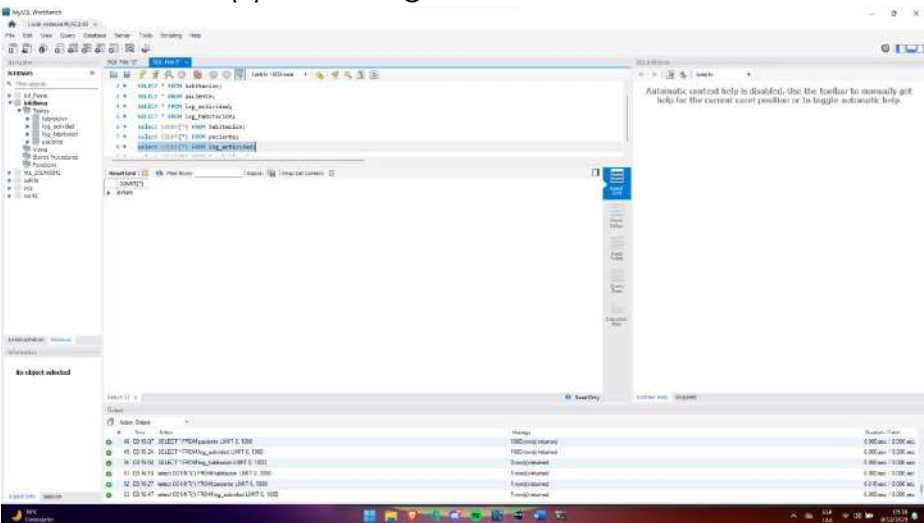
SELECT COUNT(*) FROM habitacion



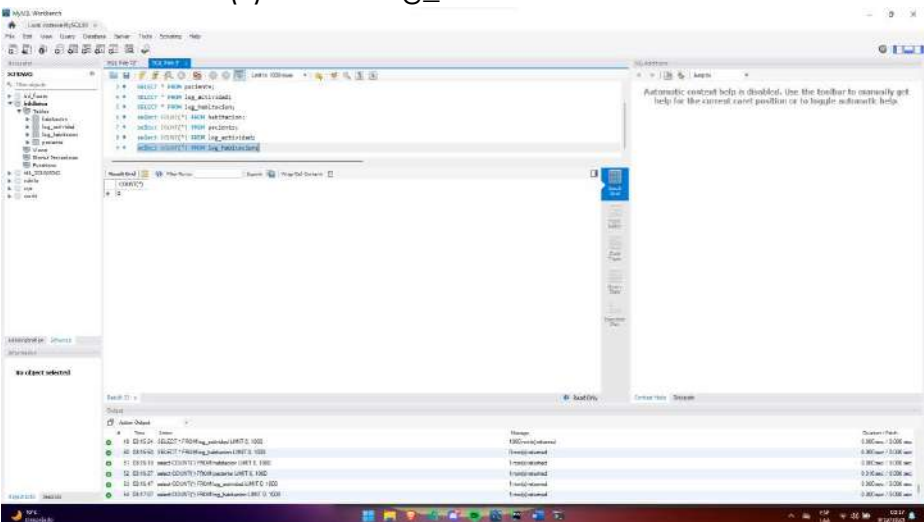
SELECT COUNT(*) FROM paciente



SELECT COUNT(*) FROM log_actividad



SELECT COUNT(*) FROM log_habitacion



- Día 15

Restauración de backup incremental 5

```
> measure-command (Get-Content "bkincremental5.sql" | mysql -u root -p bdclinica)
Enter password: *****

Days          : 0
Hours         : 0
Minutes       : 0
Seconds       : 2
Milliseconds  : 619
Ticks         : 26198999
TotalDays     : 3.83229155892593E-05
TotalHours    : 0.000777499722222222
TotalMinutes  : 0.0436649983333333
TotalSeconds  : 2.6198999
TotalMilliseconds : 2619.8999
```

81 RAM: 6/8GB 2s 631ms

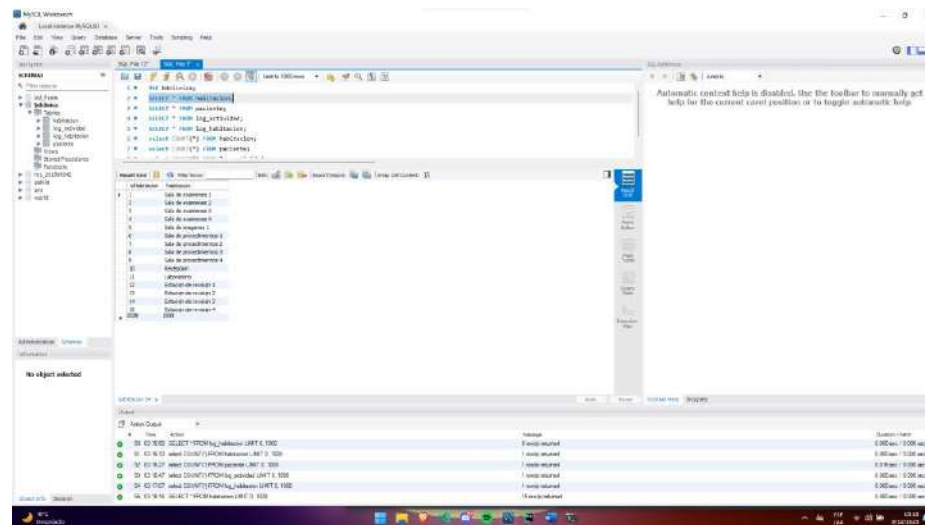
3:17:34 AM | Saturday

OneDrive + Documentos + REPOSITORIOS + -BD2-Pareja2 + Practica1 + Backup

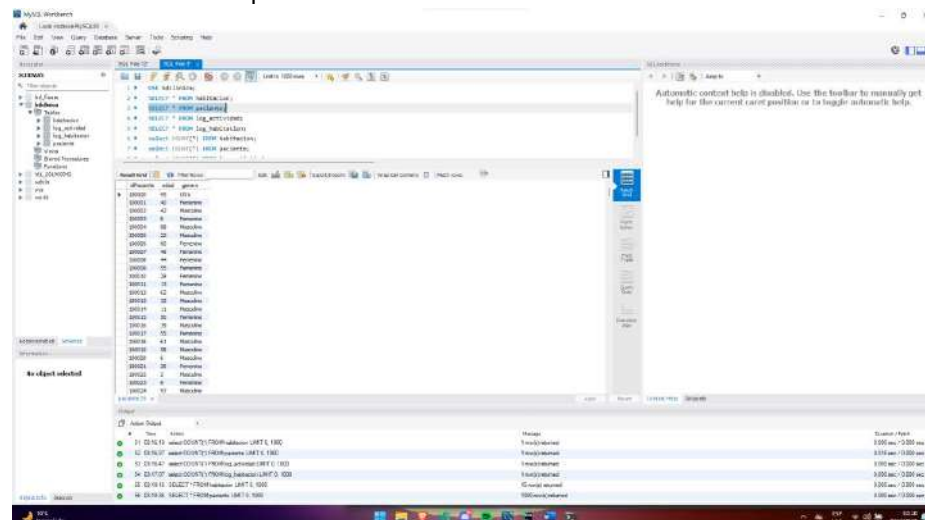
Incremental

ESP LAA 9/12/2023

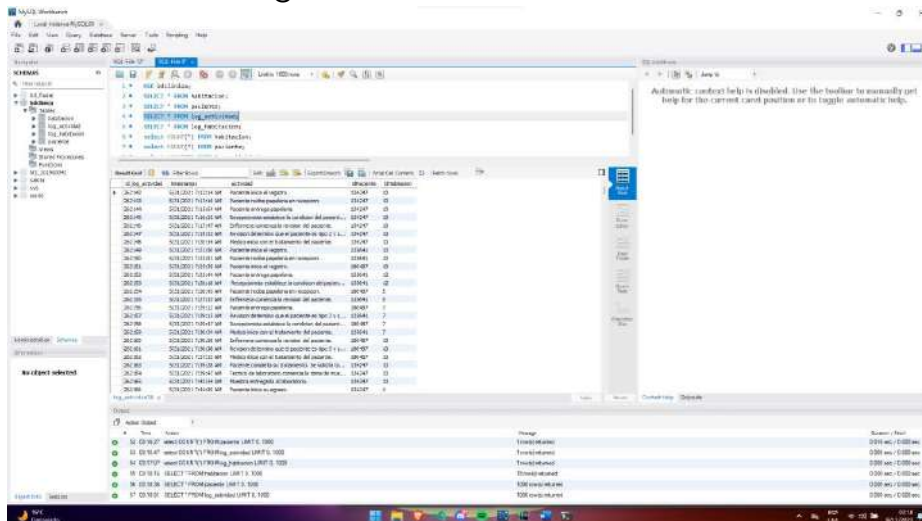
SELECT * FROM habitacion



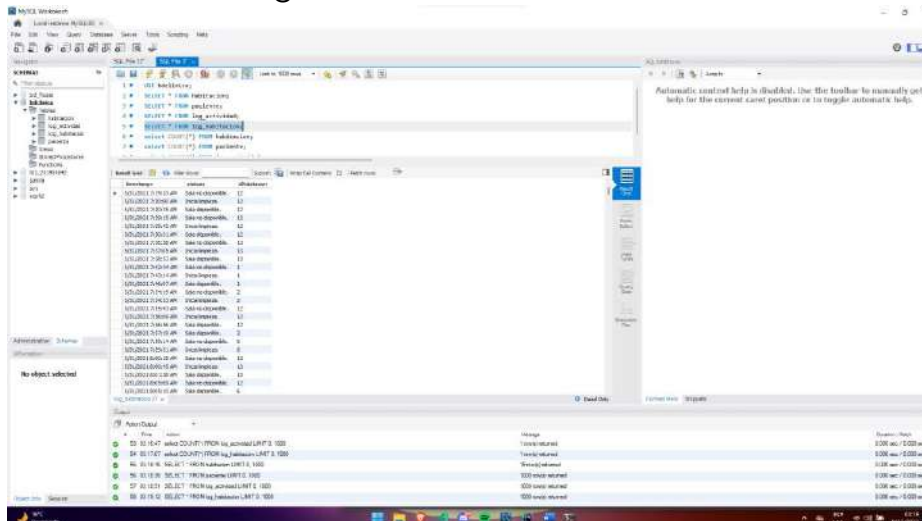
SELECT * FROM paciente



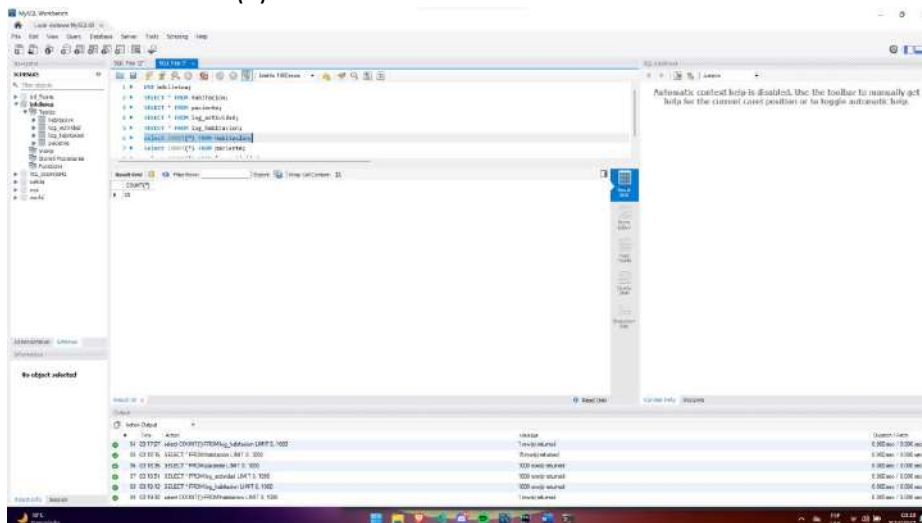
SELECT * FROM log_actividad



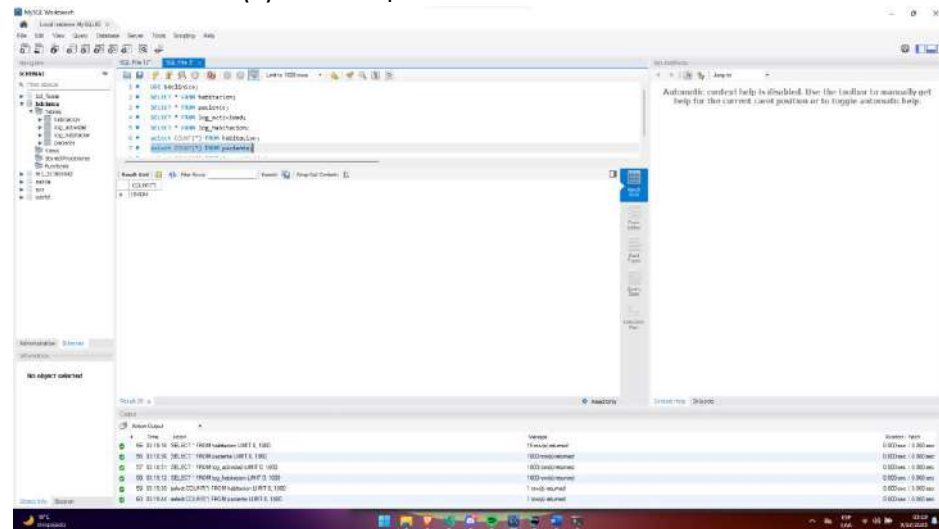
SELECT * FROM log_habitacion



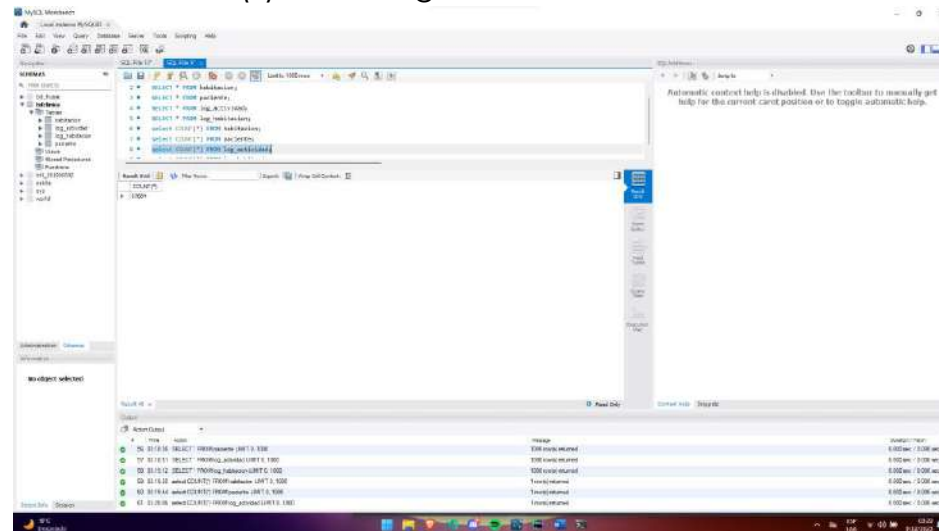
SELECT COUNT(*) FROM habitacion



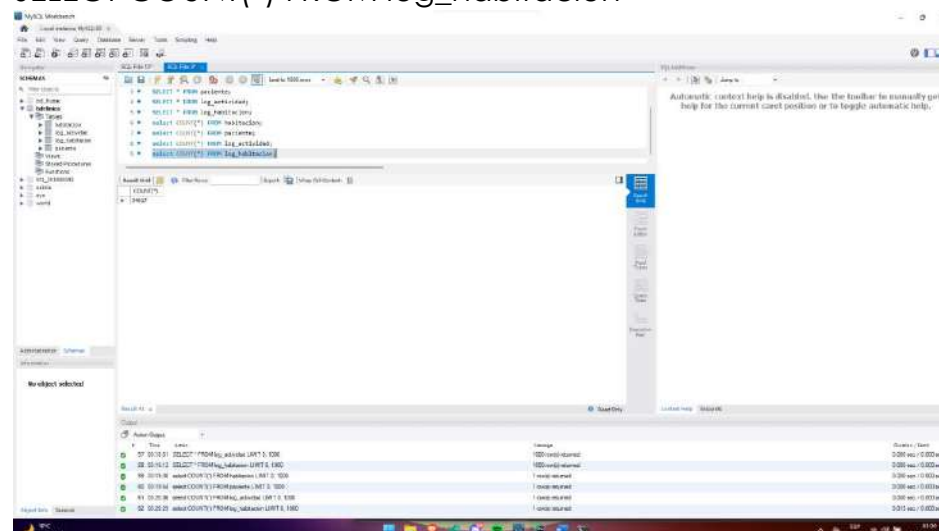
SELECT COUNT(*) FROM paciente



SELECT COUNT(*) FROM log_actividad



SELECT COUNT(*) FROM log_habitacion



Análisis de resultados

Tabla de Tiempos de Creación

TIPO BACKUP	DÍA	ACCIÓN	TIEMPO (s)
Completo 1	1	Creación	5.4311588
Completo 2	2	Creación	3.7467587
Completo 3	3	Creación	3.1014943
Completo 4	4	Creación	2.8367832
Completo 5	5	Creación	5.6123784
Incremental 1	1	Creación	0.369221
Incremental 2	2	Creación	0.781280
Incremental 3	3	Creación	0.673898
Incremental 4	4	Creación	0.645782
Incremental 5	5	Creación	0.484471

Tabla de Tiempos de Restauración

TIPO BACKUP	DÍA	ACCIÓN	TIEMPO (s)
Completo 1	6	Restauración	3.4159792
Completo 2	7	Restauración	4.9013427
Completo 3	8	Restauración	7.1130243
Completo 4	9	Restauración	9.4866009
Completo 5	10	Restauración	7.2473452
Incremental 1	11	Restauración	3.465
Incremental 2	12	Restauración	3.657
Incremental 3	13	Restauración	3.38
Incremental 4	14	Restauración	2.953
Incremental 5	15	Restauración	2.619

Como puede visualizarse en las tablas, ya sea en la creación o restauración de datos, la utilización de un backup incremental ciertamente es mucho más rápida que utilizar un backup completo, el primero a comparación de este último no tiende a diferenciar mucho entre los tiempos al utilizarlos como se puede ver con un backup completo, donde para este último, puede notarse mucho más las diferencias en el tiempo cuando la cantidad de datos va creciendo.

Conclusiones

Rodrigo

- Se concluye en la importancia de las copias de seguridad en las bases de datos donde hoy en día es muy importante la preservación segura de la información y de los datos que se manejan en ella, tratando de ser lo más rápidas posibles o lo más periódicamente posibles para mantener la información segura y estable ante cualquier suceso que le pase a la base de datos.
- Así mismo en los análisis de los resultados obtenidos de la realización de la práctica se puede visualizar que el uso de backups incrementales son más eficientes en tiempo más no en forma de trabajar, ya que maneja un procedimiento distinto al backup completo y se concluye que para evitar la gran carga de varias copias de seguridad completas, la persona encargada de la base de datos pueda utilizar el método de backups incrementales y así tener siempre el respaldo de los cambios que surgen en la base de datos en pequeños fragmentos de datos.

Andrea

- Para finalizar, como pudo visualizarse en los resultados de la práctica, cada tipo de backup tiene sus cualidades que lo diferencia del otro, teniendo ventajas y desventajas que pueden determinar cuál usar teniendo en cuenta siempre las necesidades específicas y recursos disponibles del entorno donde quiera alguna solución ser implementada. Puede notarse en los puntos fuertes del backup incremental su velocidad tanto de creación como de restauración, pero debe de tomarse en cuenta también la complejidad que puede llegar a tener su manipulación y comportamiento ya que depende de anteriores respaldos y su control no es "directa" en el sentido que lleva varios pasos para realizar diferentes acciones con este. Por otro lado, una copia de seguridad completa se destaca en su simple y directa manipulación, donde los pasos son directos y rápidos, fáciles de entender y controlar, pero llega a ser una desventaja su tiempo de creación o restauración ya que, al copiar todos los datos, dependiendo del volumen de mencionados datos demanda mucho más tiempo y almacenamiento.
- En conclusión, el aprender acerca de diferentes tipos de backup y cómo utilizarlos es fundamental para un estudiante de Ingeniería

en ciencias y sistemas, esto para completar su conocimiento en base de datos y que aprenda sobre cómo garantizar la integridad, disponibilidad y seguridad de la información. El conocer y llevar a práctica las estrategias como las que se utilizaron en la presente práctica, ofrece a la persona nuevos enfoques y herramientas que ayudan a afrontar diferentes problemas y desafíos o habilidades que ciertamente se requieren en un entorno profesional.