

### Paso 1:

```
422 #Tarea 24 de J.V.Z.
423 • use employees;
424 • show create table salarios;
```

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

Table	Create Table
salarios	CREATE TABLE `salarios` ( `emp_no` int NOT...

Result 1 x Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	13:00:27	use employees	0 row(s) affected	0.000 sec
✓ 2	13:00:27	show create table salarios	1 row(s) returned	0.016 sec / 0.000 sec

### Paso 2:

```
427 • set session transaction isolation level read uncommitted;
428 • start transaction;
429 • select * from salarios for share;
```

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

emp_no	salary	from_date	to_date
10001	60117	1986-06-26	1987-06-26
10001	62102	1987-06-26	1988-06-25
10001	66074	1988-06-25	1989-06-25
10001	66596	1989-06-25	1990-06-25
10001	66961	1990-06-25	1991-06-25

Result 5 x Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	13:03:54	set session transaction isolation level re...	0 row(s) affected	0.016 sec
✓ 2	13:03:54	start transaction	0 row(s) affected	0.000 sec
✓ 3	13:03:54	select * from salarios for share	17 row(s) returned	0.000 sec / 0.000 sec

### Paso 3:

```
mysql> use employees;
Database changed
mysql> set session transaction isolation level read uncommitted;
Query OK, 0 rows affected (0.00 sec)

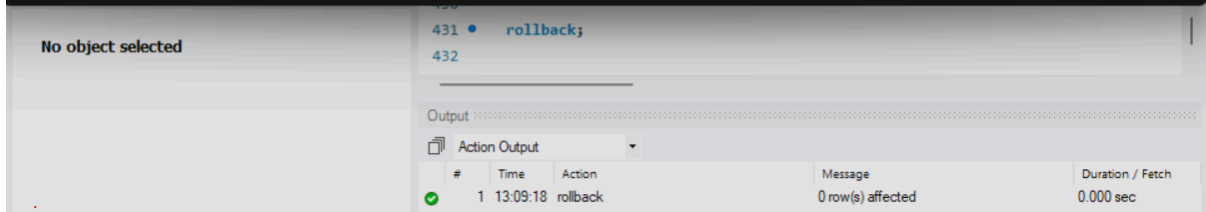
mysql> start transaction;
Query OK, 0 rows affected (0.00 sec)

mysql> update salarios set salary = salary + 1000 where to_date = '9999-01-01';
```

#### Paso 4:

```
mysql> update salarios set salary = salary + 1000 where to_date = '9999-01-01';
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> |
```



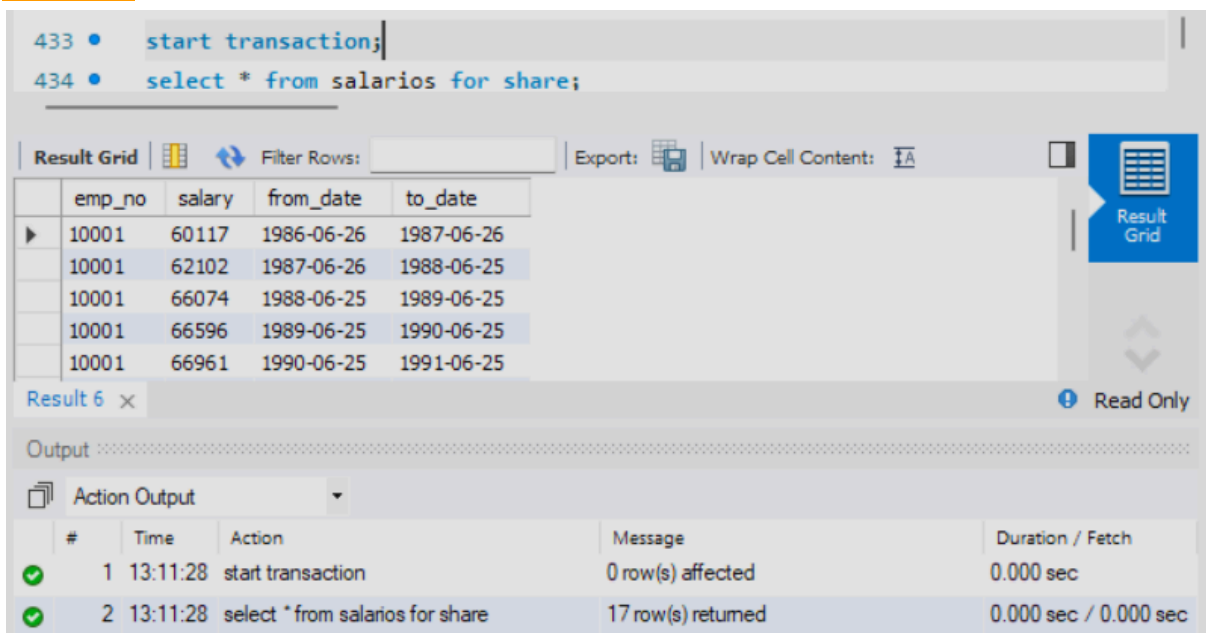
The screenshot shows a MySQL client window with a query editor at the top containing the command `rollback;`. Below the editor, the 'Output' tab is active, displaying a table with the results of the operation.

#	Time	Action	Message	Duration / Fetch
1	13:09:18	rollback	0 row(s) affected	0.000 sec

#### Paso 5:

```
mysql> rollback;
Query OK, 0 rows affected (0.01 sec)
```

#### Paso 6:



The screenshot shows a MySQL client window with two queries entered: `start transaction;` and `select * from salarios for share;`. Below the queries, the 'Result Grid' is displayed, showing the results of the second query. The 'Output' tab is also active, showing the execution details of both queries.

emp_no	salary	from_date	to_date
10001	60117	1986-06-26	1987-06-26
10001	62102	1987-06-26	1988-06-25
10001	66074	1988-06-25	1989-06-25
10001	66596	1989-06-25	1990-06-25
10001	66961	1990-06-25	1991-06-25

#	Time	Action	Message	Duration / Fetch
1	13:11:28	start transaction	0 row(s) affected	0.000 sec
2	13:11:28	select * from salarios for share	17 row(s) returned	0.000 sec / 0.000 sec

#### Paso 7:

```
mysql> start transaction;
Query OK, 0 rows affected (0.00 sec)

mysql> select * from salarios;
+-----+-----+-----+-----+
| emp_no | salary | from_date | to_date |
+-----+-----+-----+-----+
| 10001 | 60117 | 1986-06-26 | 1987-06-26 |
| 10001 | 62102 | 1987-06-26 | 1988-06-25 |
| 10001 | 66074 | 1988-06-25 | 1989-06-25 |
| 10001 | 66596 | 1989-06-25 | 1990-06-25 |
| 10001 | 66961 | 1990-06-25 | 1991-06-25 |
| 10001 | 71046 | 1991-06-25 | 1992-06-24 |
| 10001 | 74333 | 1992-06-24 | 1993-06-24 |
+-----+-----+-----+-----+
```

```
mysql> select * from salarios for share;
```

emp_no	salary	from_date	to_date
10001	60117	1986-06-26	1987-06-26
10001	62102	1987-06-26	1988-06-25
10001	66074	1988-06-25	1989-06-25

```
mysql> select * from salarios for update;
```

## Paso 8:

Windows PowerShell

17 rows in set (0.00 sec)

```
mysql> select * from salarios for update;
```

emp_no	salary	from_date	to_date
10001	60117	1986-06-26	1987-06-26
10001	62102	1987-06-26	1988-06-25
10001	66074	1988-06-25	1989-06-25

435

436 • rollback;

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	13:16:03	rollback	0 row(s) affected	0.000 sec

## Paso 9:

443  
444 • `start transaction;`  
445 • `select * from salarios for update;`  
446

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

	emp_no	salary	from_date	to_date
▶	10001	60117	1986-06-26	1987-06-26
	10001	62102	1987-06-26	1988-06-25
	10001	66074	1988-06-25	1989-06-25
	10001	66596	1989-06-25	1990-06-25
	10001	66961	1990-06-25	1991-06-25

salarios 8 x Apply

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	13:23:51	start transaction	0 row(s) affected	0.000 sec
✓ 2	13:23:51	select * from salarios LIMIT 0, 1000 for...	17 row(s) returned	0.000 sec / 0.000 sec

438 • `start transaction;`  
439 • `select * from salarios for update;`  
440

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

	emp_no	salary	from_date	to_date
▶	10001	60117	1986-06-26	1987-06-26
	10001	62102	1987-06-26	1988-06-25
	10001	66074	1988-06-25	1989-06-25
	10001	66596	1989-06-25	1990-06-25
	10001	66961	1990-06-25	1991-06-25

salarios 7 x Apply

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	13:18:22	start transaction	0 row(s) affected	0.000 sec
✓ 2	13:18:22	select * from salarios LIMIT 0, 1000 for...	17 row(s) returned	0.000 sec / 0.000 sec

## Paso 10:

The screenshot shows the MySQL Workbench interface. A Windows PowerShell window is open in the foreground, displaying the following SQL commands and their outputs:

```
mysql> rollback
-> ;
Query OK, 0 rows affected (0.00 sec)

mysql> start transaction;
Query OK, 0 rows affected (0.00 sec)

mysql> update salarios set salary = salary + 1000 where to_date = '9999-01-01';
```

The background shows the MySQL Workbench interface with the 'Salaries' table selected in the 'Result Grid'. The table has 7 rows of data:

emp_no	salary	from_date	to_date
10001	60117	1986-06-26	1987-06-26
10001	62102	1987-06-26	1988-06-25
10001	66074	1988-06-25	1989-06-25
10001	66596	1989-06-25	1990-06-25
10001	66961	1990-06-25	1991-06-25

The 'Output' pane shows the 'Action Output' table:

#	Time	Action	Message	Duration / Fetch
1	13:18:22	start transaction	0 row(s) affected	0.000 sec
2	13:18:22	select * from salarios LIMIT 0, 1000 for...	17 row(s) returned	0.000 sec / 0.000 sec

## Paso 11:

The screenshot shows the MySQL Workbench interface. A Windows PowerShell window is open in the foreground, displaying the following SQL commands and their outputs:

```
mysql> start transaction;
Query OK, 0 rows affected (0.00 sec)

mysql> update salarios set salary = salary + 1000 where to_date = '9999-01-01';
Query OK, 1 row affected (31.05 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> |
```

The background shows the MySQL Workbench interface with the 'Salaries' table selected in the 'Result Grid'. The table has 7 rows of data:

emp_no	salary	from_date	to_date
10001	60117	1986-06-26	1987-06-26
10001	62102	1987-06-26	1988-06-25
10001	66074	1988-06-25	1989-06-25
10001	66596	1989-06-25	1990-06-25
10001	66961	1990-06-25	1991-06-25

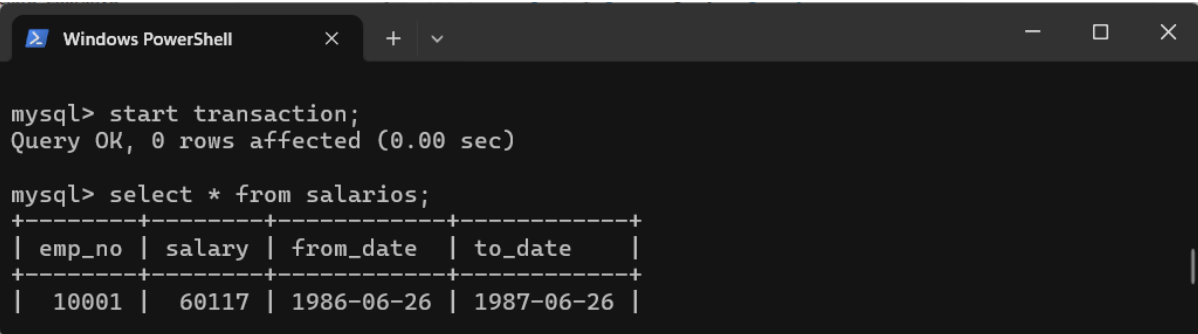
The 'Output' pane shows the 'Action Output' table:

#	Time	Action	Message	Duration / Fetch
1	13:18:22	start transaction	0 row(s) affected	0.000 sec
2	13:18:22	select * from salarios LIMIT 0, 1000 for...	17 row(s) returned	0.000 sec / 0.000 sec
3	13:21:24	rollback	0 row(s) affected	0.000 sec

### Paso 12:

```
mysql> rollback;  
Query OK, 0 rows affected (0.01 sec)
```

### Paso 13:

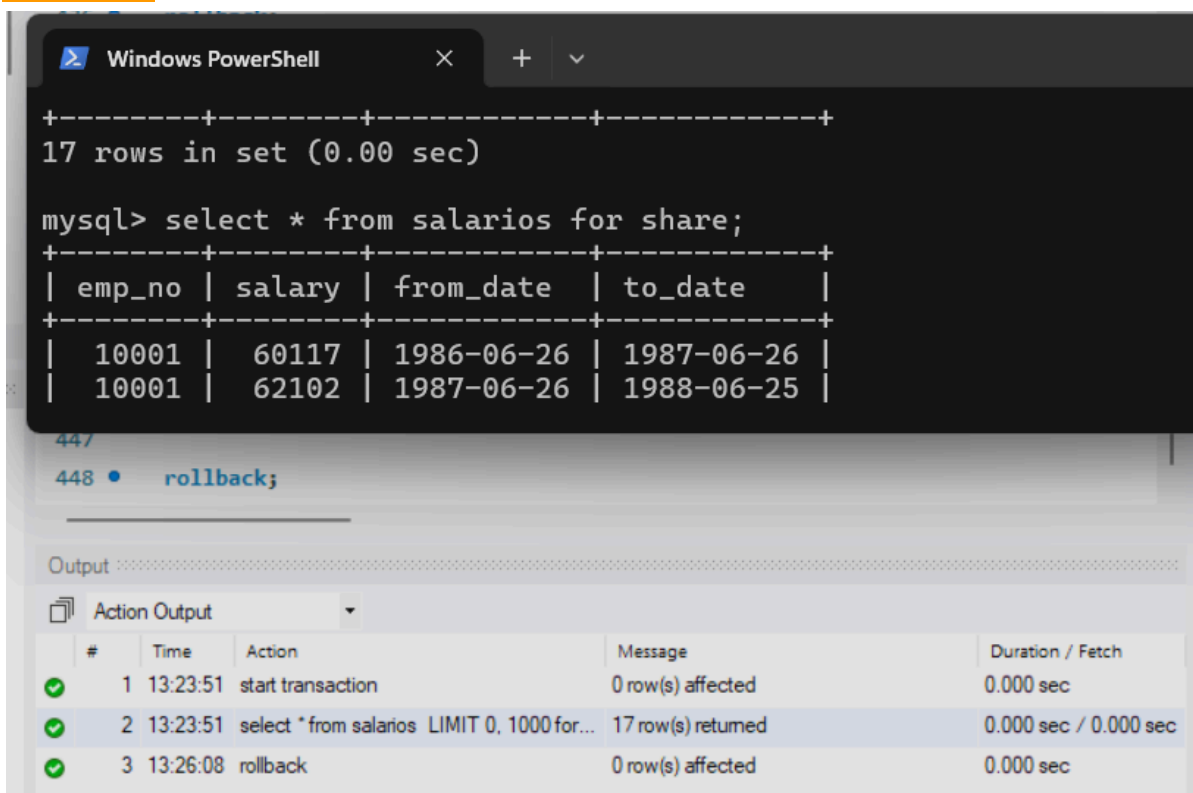


```
Windows PowerShell  
mysql> start transaction;  
Query OK, 0 rows affected (0.00 sec)  
  
mysql> select * from salarios;  
+-----+-----+-----+-----+  
| emp_no | salary | from_date | to_date |  
+-----+-----+-----+-----+  
| 10001 | 60117 | 1986-06-26 | 1987-06-26 |
```

### Paso 14:

```
mysql> select * from salarios for share;  
|
```

### Paso 15:



```
Windows PowerShell  
+-----+-----+-----+-----+  
17 rows in set (0.00 sec)  
  
mysql> select * from salarios for share;  
+-----+-----+-----+-----+  
| emp_no | salary | from_date | to_date |  
+-----+-----+-----+-----+  
| 10001 | 60117 | 1986-06-26 | 1987-06-26 |  
| 10001 | 62102 | 1987-06-26 | 1988-06-25 |
```

#	Time	Action	Message	Duration / Fetch
✓ 1	13:23:51	start transaction	0 row(s) affected	0.000 sec
✓ 2	13:23:51	select * from salarios LIMIT 0, 1000 for...	17 row(s) returned	0.000 sec / 0.000 sec
✓ 3	13:26:08	rollback	0 row(s) affected	0.000 sec

### Paso 16:

```
mysql> rollback;  
Query OK, 0 rows affected (0.00 sec)
```

### Paso 17:

```
438 • start transaction;  
439 • select * from salarios for update;  
440
```

emp_no	salary	from_date	to_date
10001	60117	1986-06-26	1987-06-26
10001	62102	1987-06-26	1988-06-25
10001	66074	1988-06-25	1989-06-25
10001	66596	1989-06-25	1990-06-25
10001	66961	1990-06-25	1991-06-25

salarios 10 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	13:29:28	start transaction	0 row(s) affected	0.000 sec
✓ 2	13:29:28	select * from salarios LIMIT 0, 1000 for...	17 row(s) returned	0.000 sec / 0.000 sec

### Paso 18:

```
mysql> start transaction;  
Query OK, 0 rows affected (0.00 sec)  
  
mysql> select * from salarios for update;  
|
```

```
437  
438 • start transaction;  
439 • select * from salarios for update;  
440
```

emp_no	salary	from_date	to_date
10001	60117	1986-06-26	1987-06-26
10001	62102	1987-06-26	1988-06-25
10001	66074	1988-06-25	1989-06-25
10001	66596	1989-06-25	1990-06-25
10001	66961	1990-06-25	1991-06-25

salarios 10 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	13:29:28	start transaction	0 row(s) affected	0.000 sec
✓ 2	13:29:28	select * from salarios LIMIT 0, 1000 for...	17 row(s) returned	0.000 sec / 0.000 sec

### Paso 19:

```
mysql> start transaction;
Query OK, 0 rows affected (0.00 sec)

mysql> select * from salarios for update;
+-----+-----+-----+-----+
| emp_no | salary | from_date | to_date |
+-----+-----+-----+-----+
| 10001 | 60117 | 1986-06-26 | 1987-06-26 |
| 10001 | 62102 | 1987-06-26 | 1988-06-25 |
+-----+-----+-----+-----+

447
448 • rollback;
449
```

Output

#	Time	Action	Message	Duration / Fetch
✓ 1	13:29:28	start transaction	0 row(s) affected	0.000 sec
✓ 2	13:29:28	select * from salarios LIMIT 0, 1000 for...	17 row(s) returned	0.000 sec / 0.000 sec
✓ 3	13:30:57	rollback	0 row(s) affected	0.000 sec

### Paso 20:

```
mysql> rollback;
Query OK, 0 rows affected (0.00 sec)
```