

Punto 1

The screenshot shows the MySQL Workbench interface. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The left sidebar contains a Navigator pane with a search filter and a tree view of schemas: gestiondealquiler, prueba1, sakila, and sys. The sakila schema is expanded, showing Tables, Views, Stored Procedures, and Functions. The main query editor displays a single SQL statement: `create database Sakila;`. The bottom pane shows the Output tab with an Action Output table.

#	Time	Action	Message	Duration / Fetch
1	14:10:12	create database Sakila	1 row(s) affected	0.016 sec

Query Completed

2:11 p.m.
29/11/2021

MySQL Workbench

Local instance MySQL80 x unconnected x

File Edit View Query Database Server Tools Scripting Help

Navigator: sakila-data sakila-schema x

SCHEMAS

Filter objects

- gestiondealquiler
- prueba1
- sakila
 - Tables
 - Views
 - Stored Procedures
 - Functions
- sys

Administration Schemas

Information

Schema: gestiondealquiler

```
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27 -- LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
28 -- NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
29 -- SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
30
31 • SET NAMES utf8mb4;
32 • SET @@OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0;
33 • SET @@OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0;
34 • SET @@OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='TRADITIONAL';
35
36 • DROP SCHEMA IF EXISTS sakila;
37 • CREATE SCHEMA sakila;
38 • USE sakila;
39
40 --
41 -- Table structure for table `actor`
42 --
43
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 37	14:16:09	CREATE VIEW sales_by_film_category AS SELECT...	0 row(s) affected	0.015 sec
✓ 38	14:16:09	CREATE DEFINER=CURRENT_USER SQL SECU...	0 row(s) affected	0.000 sec
✓ 39	14:16:09	CREATE PROCEDURE rewards_report (IN min_...	0 row(s) affected	0.016 sec
✓ 40	14:16:09	CREATE FUNCTION get_customer_balance(p_cust...	0 row(s) affected	0.000 sec
✓ 41	14:16:09	CREATE PROCEDURE film_in_stock(IN p_film_id l...	0 row(s) affected	0.000 sec
✓ 42	14:16:09	CREATE PROCEDURE film_not_in_stock(IN p_film_...	0 row(s) affected	0.000 sec
✓ 43	14:16:09	CREATE FUNCTION inventory_held_by_customer(p...	0 row(s) affected	0.016 sec
✓ 44	14:16:09	CREATE FUNCTION inventory_in_stock(p_inventor...	0 row(s) affected	0.000 sec
⚠ 45	14:16:09	SET SQL_MODE=@OLD_SQL_MODE	0 row(s) affected, 1 warning(s): 3135 'NO_ZERO_D...	0.000 sec
✓ 46	14:16:09	SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_...	0 row(s) affected	0.000 sec
✓ 47	14:16:09	SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS	0 row(s) affected	0.000 sec

Object Info Session

Query Completed

2:17 p. m. 29/11/2021



Navigator

SCHEMAS

Filter objects

- gestiondealquiler
- prueba1
- ▼ sakila
 - Tables
 - Views
 - Stored Procedures
 - Functions
- sys

Administration Schemas

Information

Schema:

gestiondealquiler

sakila-data sakila-schema

```
1  -- Sakila Sample Database Data
2  -- Version 1.2
3
4
5  -- Copyright (c) 2006, 2019, Oracle and/or its affiliates.
6
7  -- Redistribution and use in source and binary forms, with or without
8  -- modification, are permitted provided that the following conditions are
9  -- met:
10
11  -- * Redistributions of source code must retain the above copyright notice,
12  --   this list of conditions and the following disclaimer.
13  -- * Redistributions in binary form must reproduce the above copyright
14  --   notice, this list of conditions and the following disclaimer in the
15  --   documentation and/or other materials provided with the distribution.
16  -- * Neither the name of Oracle nor the names of its contributors may be used
17  --   to endorse or promote products derived from this software without
18  --   specific prior written permission.
19
20  -- THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS
21  -- IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO,
22  -- THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
23  -- PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR
24  -- CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
25  -- EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
```

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 100	14:20:15	LOCK TABLES 'staff' WRITE	0 row(s) affected	0.000 sec
✓ 101	14:20:15		2 row(s) affected Records: 2 Duplicates: 0 Wamin...	0.015 sec
✓ 102	14:20:15	UNLOCK TABLES	0 row(s) affected	0.000 sec
✓ 103	14:20:15	COMMIT	0 row(s) affected	0.000 sec
✓ 104	14:20:15	SET AUTOCOMMIT=0	0 row(s) affected	0.000 sec
✓ 105	14:20:15	INSERT INTO store VALUES (1,1,1,'2006-02-15 0...	2 row(s) affected Records: 2 Duplicates: 0 Wamin...	0.000 sec
✓ 106	14:20:15	COMMIT	0 row(s) affected	0.000 sec
⚠ 107	14:20:15	SET SQL_MODE=@OLD_SQL_MODE	0 row(s) affected, 1 warning(s): 3135 'NO_ZERO_D...	0.000 sec
✓ 108	14:20:15	SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN...	0 row(s) affected	0.000 sec
✓ 109	14:20:15	SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS	0 row(s) affected	0.000 sec
✓ 110	14:20:15	SET autocommit=@old_autocommit	0 row(s) affected	0.000 sec

Object Info Session

Query Completed



MySQL Workbench

Local instance MySQL80 x unconnected x

File Edit View Query Database Server Tools Scripting Help

Navigator: sakila-data sakila-schema actor x

Limit to 10 rows

1 • `SELECT * FROM sakila.actor;`

SCHEMAS

Filter objects

- gestiondealquiler
- prueba1
- sakila
 - Tables
 - actor
 - address
 - category
 - city
 - country
 - customer
 - film
 - film_actor
 - film_category
 - film_text
 - inventory
 - language
 - payment
 - rental
 - staff
 - store
 - Views
 - Stored Procedures
 - Functions
- sys

Administration Schemas

Information

Schema: gestiondealquiler

Result Grid

	actor_id	first_name	last_name	last_update
1	1	PENELOPE	GUINESS	2006-02-15 04:34:33
2	2	NICK	WAHLBERG	2006-02-15 04:34:33
3	3	ED	CHASE	2006-02-15 04:34:33
4	4	JENNIFER	DAVIS	2006-02-15 04:34:33
5	5	JOHNNY	LOLLOBRIGIDA	2006-02-15 04:34:33
6	6	BETTE	NICHOLSON	2006-02-15 04:34:33
7	7	GRACE	MOSTER	2006-02-15 04:34:33

actor 1 x

Apply Revert

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 101	14:20:15		2 row(s) affected Records: 2 Duplicates: 0 Wamin...	0.015 sec
✓ 102	14:20:15	UNLOCK TABLES	0 row(s) affected	0.000 sec
✓ 103	14:20:15	COMMIT	0 row(s) affected	0.000 sec
✓ 104	14:20:15	SET AUTOCOMMIT=0	0 row(s) affected	0.000 sec
✓ 105	14:20:15	INSERT INTO store VALUES (1,1,1,'2006-02-15 0...	2 row(s) affected Records: 2 Duplicates: 0 Wamin...	0.000 sec
✓ 106	14:20:15	COMMIT	0 row(s) affected	0.000 sec
⚠ 107	14:20:15	SET SQL_MODE=@OLD_SQL_MODE	0 row(s) affected, 1 warning(s): 3135 'NO_ZERO_D...	0.000 sec
✓ 108	14:20:15	SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN...	0 row(s) affected	0.000 sec
✓ 109	14:20:15	SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS	0 row(s) affected	0.000 sec
✓ 110	14:20:15	SET autocommit=@old_autocommit	0 row(s) affected	0.000 sec
✓ 111	14:22:02	SELECT * FROM sakila.actor LIMIT 0, 10	10 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Query Completed

MySQL Workbench

Local instance MySQL80 x unconnected x

File Edit View Query Database Server Tools Scripting Help

Navigator: sakila-data sakila-schema language x

SCHEMAS

Filter objects

gestiondealquiler
prueba1
sakila

Tables

- actor
- address
- category
- city
- country
- customer
- film
- film_actor
- film_category
- film_text
- inventory
- language
- payment
- rental
- staff
- store

Views

Stored Procedures

Functions

sys

Administration Schemas

Information

Schema: gestiondealquiler

Query Editor

1 • `SELECT * FROM sakila.language;`

Result Grid

language_id	name	last_update
1	English	2006-02-15 05:02:19
2	Italian	2006-02-15 05:02:19
3	Japanese	2006-02-15 05:02:19
4	Mandarin	2006-02-15 05:02:19
5	French	2006-02-15 05:02:19
6	German	2006-02-15 05:02:19
NULL	NULL	NULL

language 1 x

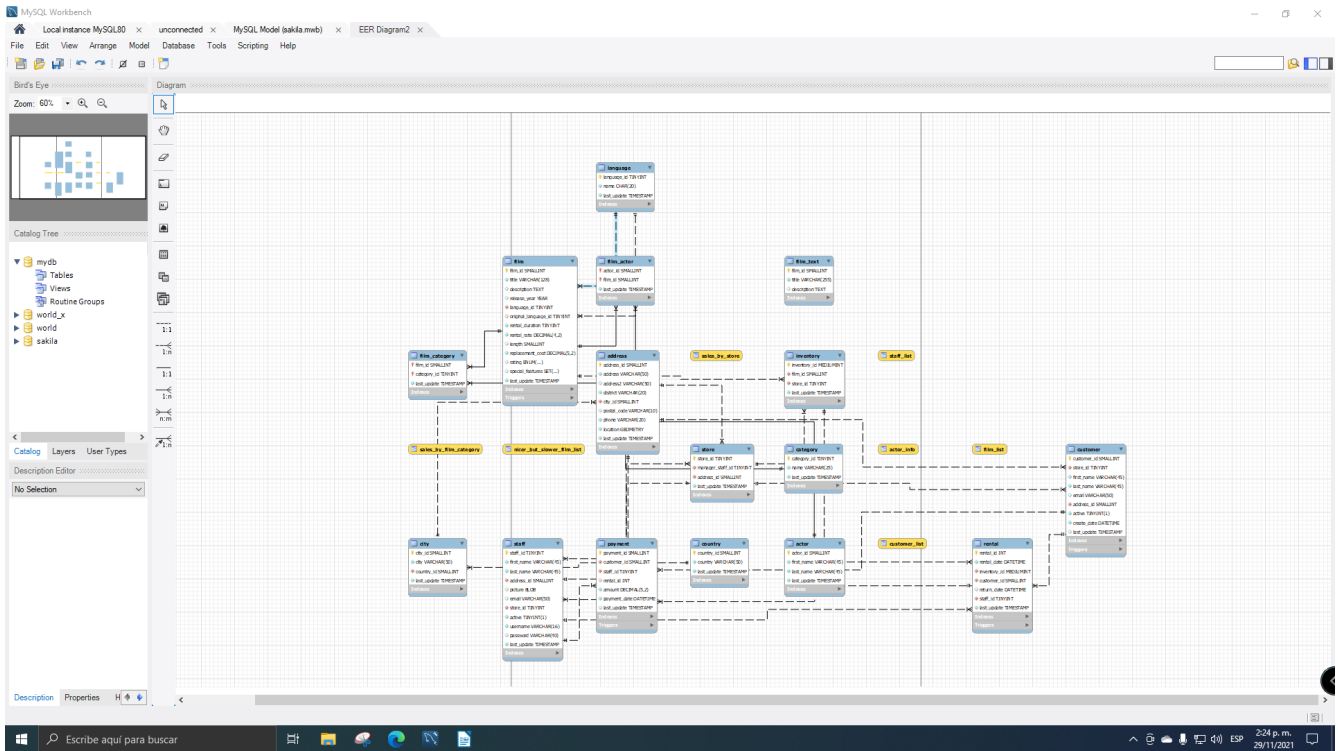
Output

Action Output

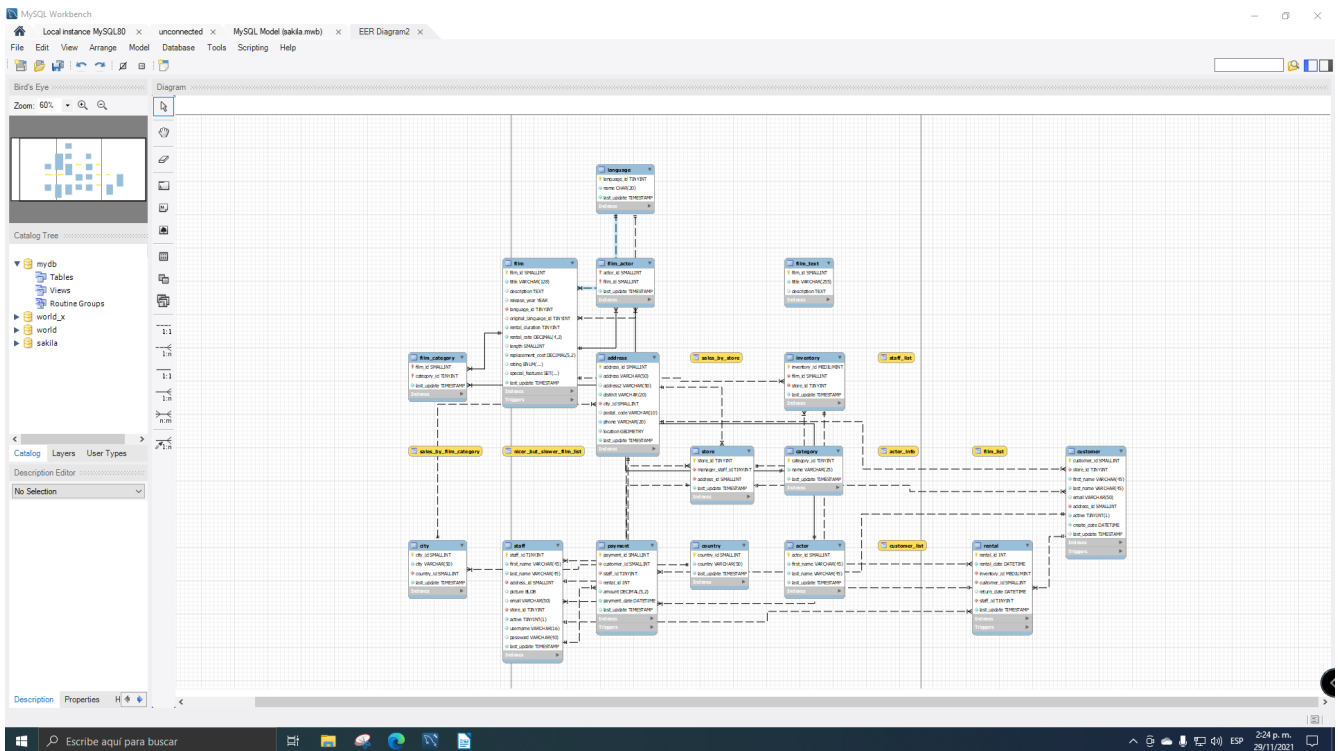
#	Time	Action	Message	Duration / Fetch
✓ 102	14:20:15	UNLOCK TABLES	0 row(s) affected	0.000 sec
✓ 103	14:20:15	COMMIT	0 row(s) affected	0.000 sec
✓ 104	14:20:15	SET AUTOCOMMIT=0	0 row(s) affected	0.000 sec
✓ 105	14:20:15	INSERT INTO store VALUES (1,1,1,'2006-02-15 0...	2 row(s) affected Records: 2 Duplicates: 0 Wamin...	0.000 sec
✓ 106	14:20:15	COMMIT	0 row(s) affected	0.000 sec
⚠ 107	14:20:15	SET SQL_MODE=@OLD_SQL_MODE	0 row(s) affected, 1 warning(s): 3135 'NO_ZERO_D...	0.000 sec
✓ 108	14:20:15	SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN...	0 row(s) affected	0.000 sec
✓ 109	14:20:15	SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS	0 row(s) affected	0.000 sec
✓ 110	14:20:15	SET autocommit=@old_autocommit	0 row(s) affected	0.000 sec
✓ 111	14:22:02	SELECT * FROM sakila.actor LIMIT 0, 10	10 row(s) returned	0.000 sec / 0.000 sec
✓ 112	14:22:42	SELECT * FROM sakila.language LIMIT 0, 10	6 row(s) returned	0.015 sec / 0.000 sec

Query Completed

2:22 p. m.
29/11/2021



Organizado



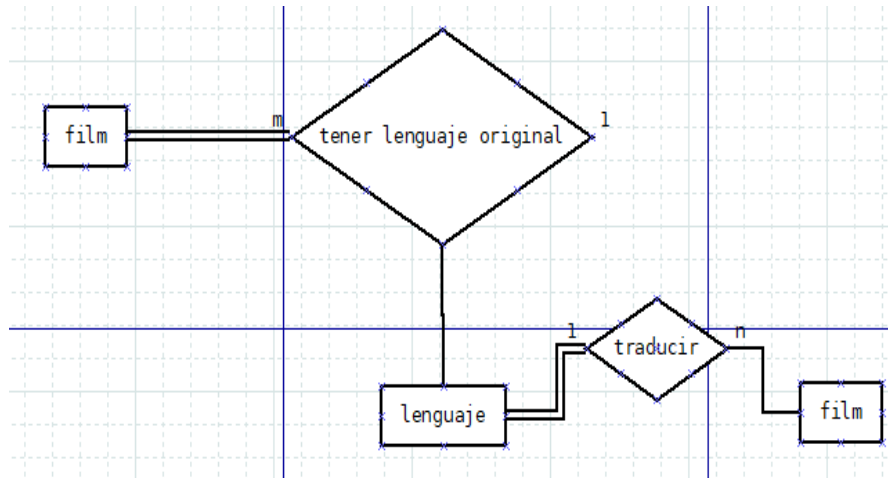
2) Las relaciones son las siguientes:

Relación 1 a 1

No hay relación de 1 a 1

Relación 1 a n

- film a inventory
- inventory a rental
- store a inventory
- store a customer
- store a staff
- film a language
- address a store
- city a address
- country a city
- address a customer
- address a staff
- staff a store
- staff a payment
- customer a payment
- customer a rental
- rental a payment



Relación m a n

- actor a film es **n a m** (por lo que sale una tabla adicional film_actor)
- film_actor a film y de film_actor a actor es **n a 1**
- category a film es **n a m** (por lo que sale una tabla adicional film_category)
- film_category a film y de film_category a category es **n a 1**

3)

Claves Primarias:

- actor_id
- film_id
- customer_id
- staff_id

Claves Foráneas:

- language_id
- original_language_id
- store_id
- address_id

4)

conteo

MySQL Workbench

Local instance MySQL80 x MySQL Model (sakila.mwb) x EER Diagram2 x

File Edit View Query Database Server Tools Scripting Help

Navigator sakila-data sakila-schema SQL File 9* x

SCHEMAS

Filter objects

gestiondealquiler
prueba1
sakila

Tables

actor

Columns

actor_id
first_name
last_name
last_update

Indexes

Foreign Keys

Triggers

address
category
city
country
customer
film
film_actor
film_category
film_text
inventory
language
payment
rental

Administration Schemas

Information

Schema: gestiondealquiler

Object Info Session

Query Completed

1 • use sakila;
2 • select count(actor_id) from actor;
3 • select first_name, last_name from actor;

Limit to 10 rows

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

count(actor_id)

200

Result 5 x actor 6

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
110	14:20:15	SET autocommit=@old_autocommit	0 row(s) affected	0.000 sec
111	14:22:02	SELECT * FROM sakila.actor LIMIT 0, 10	10 row(s) returned	0.000 sec / 0.000 sec
112	14:22:42	SELECT * FROM sakila.language LIMIT 0, 10	6 row(s) returned	0.015 sec / 0.000 sec
113	16:06:37	use sakila	0 row(s) affected	0.000 sec
114	16:06:40	select count(actor_id), first_name, last_name from a...	1 row(s) returned	0.000 sec / 0.000 sec
115	16:07:02	select actor_id, first_name, last_name from actor LI...	10 row(s) returned	0.000 sec / 0.000 sec
116	16:07:49	select count(actor_id), first_name, last_name from a...	10 row(s) returned	0.000 sec / 0.000 sec
117	16:08:05	use sakila	0 row(s) affected	0.000 sec
118	16:08:05	select count(actor_id), first_name, last_name from a...	1 row(s) returned	0.000 sec / 0.000 sec
119	16:12:47	select count(actor_id) from actor LIMIT 0, 10	1 row(s) returned	0.000 sec / 0.000 sec
120	16:12:47	select first_name, last_name from actor LIMIT 0, 10	10 row(s) returned	0.000 sec / 0.000 sec

4:13 p. m.
29/11/2021

Lista

MySQL Workbench

Local instance MySQL80 x MySQL Model (sakila.mwb) x EER Diagram2 x

File Edit View Query Database Server Tools Scripting Help

Navigator sakila-data sakila-schema SQL File 9* x

SCHEMAS

Filter objects

gestiondealquiler

prueba1

sakila

Tables

actor

Columns

actor_id

first_name

last_name

last_update

Indexes

Foreign Keys

Triggers

address

category

city

country

customer

film

film_actor

film_category

film_text

inventory

language

payment

rental

Administration Schemas

Information

Schema: gestiondealquiler

Object Info Session

Query Completed

1 • use sakila;

2 • select count(actor_id) from actor;

3 • select first_name, last_name from actor;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Fetch rows:

	first_name	last_name
▶	PENELOPE	GUINNESS
	NICK	WAHLBERG
	ED	CHASE
	JENNIFER	DAVIS
	JOHNNY	LOLLOBRIGIDA
	BETTE	NICHOLSON
	GRACE	MOSTER

Result 5 actor 6 x

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 110	14:20:15	SET autocommit=@old_autocommit	0 row(s) affected	0.000 sec
✓ 111	14:22:02	SELECT * FROM sakila.actor LIMIT 0, 10	10 row(s) returned	0.000 sec / 0.000 sec
✓ 112	14:22:42	SELECT * FROM sakila.language LIMIT 0, 10	6 row(s) returned	0.015 sec / 0.000 sec
✓ 113	16:06:37	use sakila	0 row(s) affected	0.000 sec
✓ 114	16:06:40	select count(actor_id), first_name, last_name from a...	1 row(s) returned	0.000 sec / 0.000 sec
✓ 115	16:07:02	select actor_id, first_name, last_name from actor LI...	10 row(s) returned	0.000 sec / 0.000 sec
✓ 116	16:07:49	select count(actor_id), first_name, last_name from a...	10 row(s) returned	0.000 sec / 0.000 sec
✓ 117	16:08:05	use sakila	0 row(s) affected	0.000 sec
✓ 118	16:08:05	select count(actor_id), first_name, last_name from a...	1 row(s) returned	0.000 sec / 0.000 sec
✓ 119	16:12:47	select count(actor_id) from actor LIMIT 0, 10	1 row(s) returned	0.000 sec / 0.000 sec
✓ 120	16:12:47	select first_name, last_name from actor LIMIT 0, 10	10 row(s) returned	0.000 sec / 0.000 sec

4:15 p. m.
29/11/2021

5) los actores que participan en esta película son

ACADEMY DINOSAUR

The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'sakila' database schema with tables like actor, address, category, city, country, customer, film, film_actor, film_category, film_text, inventory, language, payment, rental, staff, and store. The main editor window contains the following SQL query:

```
1 • use sakila;
2 • select count(actor_id) from actor;
3 • select first_name, last_name from actor;
4 • select
5     f.title as Titulo,
6     a.first_name as Nombre,
7     a.last_name as Apellido
8 from
9     film f inner join film_actor f_a on f.film_id = f_a.film_id
10    inner join actor a on f_a.actor_id = a.actor_id
11 where
12     f.title = "ACADEMY DINOSAUR" or
13     f.title like "BERETS AGENT"
```

Below the query editor, the 'Result Grid' shows the results of the query. The columns are 'Titulo', 'Nombre', and 'Apellido'. The results are as follows:

Titulo	Nombre	Apellido
ACADEMY DINOSAUR	PENELOPE	GUINNESS
ACADEMY DINOSAUR	CHRISTIAN	GABLE
ACADEMY DINOSAUR	LUCILLE	TRACY
ACADEMY DINOSAUR	SANDRA	PECK
ACADEMY DINOSAUR	JOHNNY	CAGE
ACADEMY DINOSAUR	MENA	TEMPLE
ACADEMY DINOSAUR	WARREN	NOLTE
ACADEMY DINOSAUR	OPRAH	KILMER
ACADEMY DINOSAUR	ROCK	DUKAKIS
ACADEMY DINOSAUR	MARY	KEITEL

The bottom of the screenshot shows the 'Output' tab with a table of actions and their results:

#	Time	Action	Message	Duration / Fetch
2	16:56:01	use sakila;	0 row(s) affected	0.000 sec
3	16:56:05	from film f inner join film_actor f_a on f.film_id = f_a.film_id...	Error Code: 1064. You have an error in your SQL syntax; ...	0.000 sec
4	16:56:12	select f.title, a.first_name, a.last_name from film f inner joi...	10 row(s) returned	0.000 sec / 0.000 sec
5	16:56:30	select first_name, last_name from actor LIMIT 0, 10	10 row(s) returned	0.000 sec / 0.000 sec
6	16:56:59	SELECT * FROM sakila.actor LIMIT 0, 10	10 row(s) returned	0.000 sec / 0.000 sec
7	16:58:11	select f.title, a.first_name, a.last_name from film f inner joi...	10 row(s) returned	0.000 sec / 0.000 sec
8	16:58:57	select f.title as Titulo, a.first_name as Nombre, a.last...	10 row(s) returned	0.000 sec / 0.000 sec
9	16:59:39	select f.title as Titulo, a.first_name as Nombre, a.last...	10 row(s) returned	0.000 sec / 0.000 sec

BERETS AGENT

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator sakila-data sakila-schema Reto01*

Limit to 10 rows

```

1 • use sakila;
2 • select count(actor_id) from actor;
3 • select first_name, last_name from actor;
4 • select
5     f.title as Titulo,
6     a.first_name as Nombre,
7     a.last_name as Apellido
8 from
9     film f inner join film_actor f_a on f.film_id = f_a.film_id
10    inner join actor a on f_a.actor_id = a.actor_id
11 where
12     f.title = "ACADEMY DINOSAUR" or
13     f.title like "BERETS AGENT"

```

Result Grid

Titulo	Nombre	Apellido
BERETS AGENT	GRACE	MOSTEL
BERETS AGENT	JULIA	BARRY...
BERETS AGENT	JESSICA	BAILEY
BERETS AGENT	JULIANNE	DENCH
BERETS AGENT	CATE	HARRIS
BERETS AGENT	ANGELA	WITHER...
BERETS AGENT	IAN	TANDY
BERETS AGENT	WILLIAM	HACKMAN
BERETS AGENT	MERYL	ALLEN
BERETS AGENT	JULIA	FAWCETT

Table: actor

Columns:

actor_id smallint(4) UNSIGNED ZEROFILL PK

first_name varchar(45)

last_name varchar(45)

last_update timestamp

Result 5 x

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
2	16:56:01	use sakila	0 row(s) affected	0.000 sec
3	16:56:05	from film f inner join film_actor f_a on f.film_id = f_a.film_id...	Error Code: 1064. You have an error in your SQL syntax; ...	0.000 sec
4	16:56:12	select f.title, a.first_name, a.last_name from film f inner joi...	10 row(s) returned	0.000 sec / 0.000 sec
5	16:56:30	select first_name, last_name from actor LIMIT 0, 10	10 row(s) returned	0.000 sec / 0.000 sec
6	16:56:59	SELECT * FROM sakila.actor LIMIT 0, 10	10 row(s) returned	0.000 sec / 0.000 sec
7	16:58:11	select f.title, a.first_name, a.last_name from film f inner joi...	10 row(s) returned	0.000 sec / 0.000 sec
8	16:58:57	select f.title as Titulo, a.first_name as Nombre, a.last...	10 row(s) returned	0.000 sec / 0.000 sec
9	16:59:39	select f.title as Titulo, a.first_name as Nombre, a.last...	10 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

meet.google.com está compartiendo tu pantalla. Dejar de compartir Ocultar

5:00 p. m. 29/11/2021

6)

MySQL Workbench

Local instance MySQL80 x MySQL Model (sakila.mwb) x EER Diagram2 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

tables

actor

address

category

city

country

customer

film

Columns

film_id

title

description

release_year

language_id

original_language_id

rental_duration

rental_rate

length

replacement_cost

rating

special_features

last_update

Indexes

Foreign Keys

Administration

Schemas

Information

Column: category_id

Definition: category_id tinyint unsigned primary key

Object Info

Session

sakila-data sakila-schema Reto01

Limit to 10 rows

20 # punto 6

21 • select

22 f.title as Titulo,

23 c.name as Categoria

24 from

25 actor a inner join film_actor f_a on a.actor_id = f_a.actor_id

26 inner join film f on f_a.film_id = f.film_id

27 inner join film_category f_c on f.film_id = f_c.film_id

28 inner join category c on f_c.category_id = c.category_id

29 where

30 a.first_name = "KARL" and

31 a.last_name = "BERRY"

32 ;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Fetch rows:

Result Grid

Form Editor

Field Types

Read Only

Output

Action Output

Time Action Message Duration / Fetch

16 17:26:06 select f.title from actor a inner join film_actor f_a on a.... 10 row(s) returned 0.000 sec / 0.000 sec

17 17:27:53 select f.title from actor a inner join film_actor f_a on a.... Error Code: 1054. Unknown column 'f.category_id' in '...' 0.000 sec

18 17:28:56 select f.title from actor a inner join film_actor f_a on a.... 10 row(s) returned 0.000 sec / 0.000 sec

19 17:29:49 select f.title, c.category from actor a inner join film_act... Error Code: 1054. Unknown column 'c.category' in fiel... 0.000 sec

20 17:30:17 select f.title, c.category from actor a inner join film_act... Error Code: 1054. Unknown column 'c.category' in fiel... 0.000 sec

21 17:31:12 select f.title from actor a inner join film_actor f_a on a.... 10 row(s) returned 0.000 sec / 0.000 sec

22 17:32:22 select f.title as Titulo, c.name as Categoria from act... 10 row(s) returned 0.000 sec / 0.000 sec

23 17:33:12 select f.title as Titulo, c.name as Categoria from act... 10 row(s) returned 0.000 sec / 0.000 sec

Query Completed

meet.google.com está compartiendo tu pantalla. Dejar de compartir Ocultar

5:33 p. m. 29/11/2021

7)

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- camilorodriguez_1_12_2021
- gestiondealquiler
- prueba1
- sakila**
 - Tables
 - Views
 - Stored Procedures
 - Functions
- sys

Administration Schemas

Information

No object selected

Reto01

```

31     a.last_name = "BERRY"
32 ;
33
34 # punto 7
35 • select
36     sum(f.replacement_cost) as "Costo total",
37     count(f.replacement_cost) as Cantidad,
38     sum(f.replacement_cost)/count(f.replacement_cost) as "Suma Promedio"
39 from
40     film f inner join film_category f_c on f.film_id = f_c.film_id
41     inner join category c on f_c.category_id = c.category_id
42 where
43     c.name="Drama"
44 ;
45
46 # punto 8
47 • select
48     i.store_id as Tienda,

```

Result Grid

	Costo total	Cantidad	Suma Promedio
▶	1307.38	62	21.086774

Result 1

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	16:35:04	use sakila	0 row(s) affected	0.000 sec
✓ 2	16:35:09	select sum(f.replacement_cost) as "Costo total", co...	1 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

4:35 p. m. 2/12/2021

8)

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

- Navigator:** Displays the database schema 'sakila' with tables like actor, address, category, city, country, customer, film, film_actor, film_category, film_text, inventory, language, payment, rental, staff, and store.
- SQL Editor:** Contains the following SQL query:


```

43
44 # punto 8
45 • select
46     i.store_id as Tienda,
47     sum(p.amount) as "Precio Total",
48     c.name as Genero
49 from
50     category c inner join film_category f_c on c.category_id = f_c.category_id
51     inner join film f on f.film_id = f_c.film_id
52     inner join inventory i on i.film_id = f.film_id
53     inner join rental r on r.inventory_id = i.inventory_id
54     inner join payment p on p.rental_id = r.rental_id
55 group by
      
```
- Result Grid:** Shows the results of the query with columns: Tienda, Precio Total, and Genero. The data is as follows:

Tienda	Precio Total	Genero
1	4587.39	Drama
1	4270.67	Foreign
1	3417.72	Music
1	4351.62	New
1	4756.98	Sci-Fi
1	5314.21	Sports
1	3549.64	Travel
- Output:** Shows the execution log with the following entries:

#	Time	Action	Message	Duration / Fetch
2	14:19:30	select i.store_id as Tienda, sum(p.amount) as "Precio ...	16 row(s) returned	0.125 sec / 0.000 sec
3	14:21:52	select sum(payment.amount)	Error Code: 1109. Unknown table 'payment' in field list	0.000 sec
4	14:22:10	select sum(payment.amount) from payment	1 row(s) returned	0.000 sec / 0.000 sec
5	14:22:25	select i.store_id as Tienda, sum(p.amount) as "Precio ...	16 row(s) returned	0.047 sec / 0.000 sec
6	15:14:50	select sum(payment.amount) from payment	1 row(s) returned	0.016 sec / 0.000 sec
7	15:14:59	select i.store_id as Tienda, sum(p.amount) as "Precio ...	16 row(s) returned	0.062 sec / 0.000 sec
8	15:18:43	select concat(first_name, ' ', last_name) As "Nombre Cl...	16044 row(s) returned	0.000 sec / 0.047 sec
9	15:19:41	select i.store_id as Tienda, sum(p.amount) as "Precio ...	16 row(s) returned	0.062 sec / 0.000 sec
10	15:20:07	select i.store_id as Tienda, sum(p.amount) as "Precio ...	16 row(s) returned	0.078 sec / 0.000 sec

9)

MySQL Workbench

Local instance MySQL80 x MySQL Model (sakila.mwb) x EER Diagram2 x

File Edit View Query Database Server Tools Scripting Help

Navigator sakila-data sakila-schema Reto01*

SCHEMAS

Filter objects

gestiondealquiler
prueba1
sakila

Tables

- actor
- address
- category
- city
- country
- customer
- film
- film_actor
- film_category
- film_text
- inventory
- language
- payment

Columns

- paymer
- custom
- staff_id
- rental_i
- amount
- paymer

Administration Schemas

Information:

Column: amount
Definition: amount decimal(5,2)

```

52     inner join inventory i on i.film_id = f.film_id
53     inner join rental r on r.inventory_id = i.inventory_id
54     group by
55         c.name
56     ;
57
58     # punto 9
59 • select
60         con.country as Pais,
61         count(con.country_id) as "Cantidad de Países"
62     from
63         country con inner join city ci on con.country_id = ci.country_id
64         inner join address ad on ci.city_id= ad.city_id
65         inner join customer ct on ad.address_id=ct.address_id
66     group by
67         con.country_id
68
69

```

Result Grid

Pais	Cantidad de Países
Afghanistan	1
Algeria	3
American Samoa	1
Angola	2
Anguilla	1
Argentina	13
Armenia	1
Austria	3
Azerbaijan	2

Result 80 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
121	22:27:52	select con.country as Pais, count(ct.country_id) as "...	Error Code: 1054. Unknown column 'ct.country_id' in '...	0.000 sec
122	22:28:06	select con.country as Pais, count(con.country_id) as ...	Error Code: 1054. Unknown column 'co.country_id' in ...	0.000 sec
123	22:28:22	select con.country as Pais, count(con.country_id) as ...	108 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

Query Completed

10:28 p. m.
29/11/2021

MySQL Workbench

Local instance MySQL80 x unconnected x

File Edit View Query Database Server Tools Scripting Help

Navigator sakila-data sakila-schema Reto01*

SCHEMAS

Filter objects

gestiondealquiler
prueba1
sakila

Tables

- actor
- address
- category
- city
- country
- customer
- film
- film_actor
- film_category
- film_text
- inventory
- language
- payment
- rental
- staff
- store

Views

Stored Procedures

Functions

Administration Schemas

Information

No object selected

```

62 from
63     country con inner join city ci on con.country_id = ci.country_id
64     inner join address ad on ci.city_id= ad.city_id
65     inner join customer ct on ad.address_id=ct.address_id
66 group by
67     con.country_id
68 ;
69
70 # punto 10
71 drop temporary table if exists Peliculas_Alquiladas_P;
72 create temporary table Peliculas_Alquiladas_P (
73     select
74         CONCAT(first_name, ' ', last_name) As "Nombre Cliente" , f.title as "Pelicula"
75     from
76         customer ct inner join rental r on ct.customer_id = r.customer_id
77         inner join inventory i on r.inventory_id = i.inventory_id
78         inner join film f on i.film_id = f.film_id
79         order by first_name
80 );
81 select * from Peliculas_Alquiladas_P;

```

Result Grid

Nombre Cliente	Pelicula
AARON SELBY	VALENTINE VANISHING
AARON SELBY	USUAL UNTOUCHABLES
AARON SELBY	WILLOW TRACY
AARON SELBY	ZHIVAGO CORE
AARON SELBY	TEEN APOLLO
AARON SELBY	SLEEPING SUSPECTS
AARON SELBY	SHOCK CABIN
AARON SELBY	SWEDEN SHINING
AARON SELBY	CORE SUIT
AARON SELBY	BEAUTY GREASE

Peliculas_Alquiladas_P2 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
5	22:37:54	drop temporary table if exists Peliculas_Alquiladas_P	0 row(s) affected	0.000 sec
6	22:37:54	create temporary table Peliculas_Alquiladas_P (sele...	16044 row(s) affected Records: 16044 Duplicates: 0 ...	0.109 sec
7	22:37:54	select * from Peliculas_Alquiladas_P	16044 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Query Completed

10:38 p. m.
29/11/2021

11)

MySQL Workbench

Local instance MySQL80 x MySQL Model (sakila.mwb) x EER Diagram2 x

File Edit View Query Database Server Tools Scripting Help

Navigator sakila-data sakila-schema Reto01*

SCHEMAS

Filter objects

gestiondealquiler
prueba1
sakila

Tables

- actor
- address
- category
- city
- country
- customer
- film
- film_actor
- film_category
- film_text
- inventory
- language
- payment
- rental
- staff
- store

Views

Stored Procedures

Functions

Administration Schemas

Information: No object selected

```
83  
84 # punto 11  
85 • select  
86     concat(first_name, ' ', last_name) As "Nombre Cliente",  
87     datediff (r.return_date , r.rental_date) as resultado,  
88     f.title as Titulo  
89 from  
90     customer c inner join rental r on c.customer_id = r.customer_id  
91     inner join inventory i on r.inventory_id = i.inventory_id  
92     inner join film f on i.film_id = f.film_id  
93 order by  
94     first_name  
95 ;  
96
```

Result Grid

	Nombre Cliente	resultado	Titulo
▶	AARON SELBY	5	SWEDEN SHINING
	AARON SELBY	8	VALENTINE VANISHING
	AARON SELBY	6	WILLOW TRACY
	AARON SELBY	8	ZHIVAGO CORE
	AARON SELBY	8	TEEN APOLLO
	AARON SELBY	1	USUAL UNTOUCHABLES
	AARON SELBY	6	SHOCK CARTIN

Result 11 x

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 5	14:22:25	select i.store_id as Tienda, sum(p.amount) as "Precio ...	16 row(s) returned	0.047 sec / 0.000 sec
✓ 6	15:14:50	select sum(payment.amount) from payment	1 row(s) returned	0.016 sec / 0.000 sec
✓ 7	15:14:59	select i.store_id as Tienda, sum(p.amount) as "Precio ...	16 row(s) returned	0.062 sec / 0.000 sec
✓ 8	15:18:43	select concat(first_name, ' ', last_name) As "Nombre Cl...	16044 row(s) returned	0.000 sec / 0.047 sec
✓ 9	15:19:41	select i.store_id as Tienda, sum(p.amount) as "Precio ...	16 row(s) returned	0.062 sec / 0.000 sec
✓ 10	15:20:07	select i.store_id as Tienda, sum(p.amount) as "Precio ...	16 row(s) returned	0.078 sec / 0.000 sec
✓ 11	15:23:23	select concat(first_name, ' ', last_name) As "Nombre Cl...	16044 row(s) returned	0.000 sec / 0.047 sec
✓ 12	15:25:55	select concat(first_name, ' ', last_name) As "Nombre Cl...	16044 row(s) returned	0.047 sec / 0.000 sec
✓ 13	15:27:59	select concat(first_name, ' ', last_name) As "Nombre Cl...	16044 row(s) returned	0.062 sec / 0.000 sec

Object Info Session

Query Completed

3:29 p. m.
30/11/2021

12) Para este punto se hicieron las siguientes suposiciones:

- El diagnostico se realiza al ingreso del paciente
- El doctor realiza el ingreso, decide que servicio y genera el informe de consumo junto con la cantidad de dosis administrada a cada paciente de un fármaco determinado
- No se realizo una entidad de personas para heredar con doctores y con pacientes ya que estos dos no compartían un Id, por lo que se hicieron dos entidades por separado
- Cada vez que un paciente ingresa de nuevo se la agrega un consecutivo a su id para llevar un registro actual de su gastos y revisiones
- Los costos del diagnostico ya están establecidos por el hospital, por lo que siempre son el mismo
- los costos de cada servicio ya están establecidos por el hospital
- Se tomaron fármacos aleatorios
- Los registros ingresados son ficticios
- Los registros para poblar la base de datos se ingreso por medio de excel (los archivos están adjuntos en la carpeta Excel)
- La fecha de alta la pone el doctor una vez el paciente sea dado de alta
- La relación entre la entidad ingresos y pacientes es débil ya que no hay ingresos sin pacientes
- Un servicio solo puede tener un facultativo, pero un facultativo puede generar y atender varios servicios de su propio campo de servicio, es decir que si un medico esta asignado a odontología puede atender muchos servicios de odontología.