

1. What query would you run to get all the customers inside city\_id = 312? Your query should return customer first name, last name, email, and address.

```
select c.first_name, c.last_name, c.email, a.address, a.city_id
from customer c join address a
on c.address_id = a.address_id
where a.city_id = 312;
```

city_id	first_name	last_name	email	address	city	country
312	MATTIE	HOFFMAN	MATTIE.HOFFMAN@sakilacustomer.org	1497 Yuzhou Drive	London	United Kingdom
312	CECIL	VINES	CECIL.VINES@sakilacustomer.org	548 Uruapan Street	London	United Kingdom

Result 3

Action Output

Time	Response
10:55:46	S... 2 row(s) returned

2. What query would you run to get all comedy films? Your query should return film title, description, release year, rating, special features, and genre (category).

```
select f.FID, f.title, f.description, f.rating, f.category as genre
from film_list f;
```

film_id	title	description	release_year	rating	special_features	genre
99	BRINGING HYSTERICAL	A Fateful Saga of a A Shark And a Technical Wri...	2006	PG	Trailers	Comedy
119	CAPER MOTIONS	A Fateful Saga of a Moose And a Car who must...	2006	G	Trailers,Commentaries,Deleted Scenes	Comedy
127	CAT CONEHEADS	A Fast-Paced Panorama of a Girl And a A Shark...	2006	G	Commentaries,Deleted Scenes	Comedy
159	CLOSER BANG	A Unbelievable Panorama of a Frisbee And a...	2006	R	Trailers,Behind the Scenes	Comedy
178	CONNECTION MICROCOSMOS	A Fateful Documentary of a Crocodile And a Hu...	2006	G	Deleted Scenes,Behind the Scenes	Comedy
182	CONTROL ANTHEM	A Fateful Documentary of a Robot And a Studen...	2006	G	Commentaries	Comedy
188	CRAZY HOME	A Fanciful Panorama of a Boy And a Woman wh...	2006	PG	Commentaries,Deleted Scenes	Comedy
202	DADDY PITTSBURGH	A Epic Story of a A Shark And a Student who m...	2006	G	Deleted Scenes,Behind the Scenes	Comedy
242	DOOM DANCING	A Astounding Panorama of a Car And a Mad Sci...	2006	R	Trailers,Commentaries	Comedy
247	DOWNHILL ENOUGH	A Emotional Tale of a Pastry Chef And a Forensi...	2006	G	Trailers,Commentaries,Deleted Scenes	Comedy
265	DYING MAKER	A Intrepid Tale of a Boat And a Monkey who mu...	2006	PG	Behind the Scenes	Comedy
276	ELEMENT FREDDY	A Awe-Inspiring Reflection of a Waitress And a...	2006	NC-17	Commentaries,Behind the Scenes	Comedy
308	FERRIS MOTHER	A Touching Display of a Frisbee And a Frisbee...	2006	PG	Trailers,Deleted Scenes,Behind the S...	Comedy
317	FIREBALL PHILADELPHIA	A Amazing Yarn of a Dentist And a A Shark who must Vanquish a Madman in An Abandoned Mine Shaft: d the Sc...	2006	PG-13	Trailers,Commentaries,Deleted Scen...	Comedy
324	FLINTSTONES HAPPINESS	A Fateful Story of a Husband And a Moose who...	2006	PG-13	Trailers,Commentaries,Deleted Scen...	Comedy

Result 10

Action Output

Time	A Response	Duration / Fetch Time
11:08:24	S 58 row(s) returned	0.0044 sec / 0.0000...

3. What query would you run to get all the films joined by actor\_id=5? Your query should return the actor id, actor name, film title, description, and release year.

```
select a.actor_id, concat_ws(" ",a.first_name, a.last_name)
as "actor_name",f.film_id,f.title, f.description, f.release_year
from actor a join film_actor fc
on a.actor_id = fc.actor_id join film f
on fc.film_id = f.film_id
where a.actor_id = 5;
```

actor_id	actor_name	title	description	release_year
5	JOHNNY LOLLOBRIGIDA	BONNIE HOLOCAUST	A Fast-Paced Story of a Crocodile And a Robot...	2006
5	JOHNNY LOLLOBRIGIDA	CHITTY LOCK	A Boring Epistle of a Boat And a Database Admi...	2006
5	JOHNNY LOLLOBRIGIDA	COMMANDMENTS EXPRESS	A Fanciful Saga of a Student And a Mad Scienti...	2006
5	JOHNNY LOLLOBRIGIDA	CONEHEADS SMOOCHY	A Touching Story of a Womanizer And a Compo...	2006
5	JOHNNY LOLLOBRIGIDA	DADDY PITTSBURGH	A Epic Story of a A Shark And a Student who m...	2006
5	JOHNNY LOLLOBRIGIDA	DAISY MENAGERIE	A Fast-Paced Saga of a Pastry Chef And a Mon...	2006
5	JOHNNY LOLLOBRIGIDA	ENOUGH RAGING	A Astounding Character Study of a Boat And a...	2006
5	JOHNNY LOLLOBRIGIDA	ESCAPE METROPOLIS	A Taut Yarn of a Astronaut And a Technical Writ...	2006
5	JOHNNY LOLLOBRIGIDA	FIRE WOLVES	A Intrepid Documentary of a Frisbee And a Dog...	2006
5	JOHNNY LOLLOBRIGIDA	FRONTIER CABIN	A Emotional Story of a Madman And a Waitress...	2006
5	JOHNNY LOLLOBRIGIDA	GOODFELLAS SALUTE	A Unbelievable Tale of a Dog And a Explorer w...	2006
5	JOHNNY LOLLOBRIGIDA	GRAIL FRANKENSTEIN	A Unbelievable Saga of a Teacher And a Monk...	2006
5	JOHNNY LOLLOBRIGIDA	GROOVE FICTION	A Unbelievable Reflection of a Moose And a A...	2006
5	JOHNNY LOLLOBRIGIDA	HALL CASSIDY	A Beautiful Panorama of a Pastry Chef And a A...	2006
5	JOHNNY LOLLOBRIGIDA	HEAVENLY GUN	A Beautiful Yarn of a Forensic Psychologist And...	2006

Result 12

Action Output

Time	A Response
11:24:21	S 29 row(s) returned

4. What query would you run to get all the customers in store\_id = 1 and inside these cities (1, 42, 312 and 459)? Your query should return customer first name, last name, email, and address.

```
select c.store_id, a.city_id , c.first_name, c.last_name, c.email, a.address
from customer c join address a
on c.address_id = a.address_id
where c.store_id = 1 and
a.city_id in (1,42,312,459);
```

first_name	last_name	email	address
JULIE	SANCHEZ	JULIE.SANCHEZ@sakilacustomer.org	939 Probolinggo Loop
SCOTT	SHELLEY	SCOTT.SHELLEY@sakilacustomer.org	587 Benguela Manor
CECIL	VINES	CECIL.VINES@sakilacustomer.org	548 Uruapan Street
NELSON	CHRISTENSON	NELSON.CHRISTENSON@sakilacustomer.org	1764 Jalib al-Shuyukh Parkway

Result 15

Action Output

Time	A Response
11:36:13	S 4 row(s) returned

6. What query would you run to get all the actors that joined in the film\_id = 369? Your query should return the film\_id, title, actor\_id, and actor\_name.

```
select f.title, f.description, f.release_year, f.rating, f.special_features
from film f join film_actor fa
on f.film_id = fa.film_id
where fa.actor_id = 15 and
f.rating = "G" and
f.special_features like "%behind the scenes%";
```

6. What query would you run to get all the actors that joined in the film\_id = 369? Your query should return the film\_id, title, actor\_id, and actor\_name.

▶	APOLLO TEEN	A Action-Packed Reflection of a Crocodile And a...	2006	PG-13	Trailers,Commentaries,Deleted Scenes,Behind t...	Drama
	BUNCH MINDS	A Emotional Story of a Feminist And a Feminist...	2006	G	Behind the Scenes	Drama
	CHITTY LOCK	A Boring Epistle of a Boat And a Database Adm...	2006	G	Commentaries	Drama
	DARKNESS WAR	A Touching Documentary of a Husband And a H...	2006	NC-17	Deleted Scenes,Behind the Scenes	Drama
	DIARY PANIC	A Thoughtful Character Study of a Frisbee And...	2006	G	Commentaries,Behind the Scenes	Drama
	GONE TROUBLE	A Insightful Character Study of a Mad Cow And...	2006	R	Deleted Scenes,Behind the Scenes	Drama
	JACKET FRISCO	A Thoughtful Reflection of a Womanizer And a Hu...	2006	PG-13	Trailers,Deleted Scenes,Behind the Scenes	Drama
	LEBOWSKI SOLDIERS	A Beautiful Epistle of a Secret Agent And a Pion...	2006	PG-13	Commentaries,Deleted Scenes	Drama
	LUCK OPUS	A Boring Display of a Moose And a Squirrel who...	2006	NC-17	Trailers,Commentaries,Behind the Scenes	Drama
	ORIENT CLOSER	A Astounding Epistle of a Technical Writer And a...	2006	R	Commentaries,Deleted Scenes	Drama
	RACER EGG	A Emotional Display of a Monkey And a Waitres...	2006	NC-17	Trailers,Commentaries,Deleted Scenes	Drama
	SAINTS BRIDE	A Fateful Tale of a Technical Writer And a Comp...	2006	G	Deleted Scenes	Drama
	SEA VIRGIN	A Fast-Paced Documentary of a Technical Write...	2006	PG	Deleted Scenes	Drama
	UNFAITHFUL KILL	A Taut Documentary of a Waitress And a Mad S...	2006	R	Commentaries,Deleted Scenes	Drama
	WARDROBE PHANT...	A Action-Packed Display of a Mad Cow And a A...	2006	G	Trailers,Commentaries	Drama

f.rating, f.special\_features, c.name as genre, f.rental\_rate

Result 40

Action Output

Time

A...

Response

Duration

✓

1

14:24:29

S...

15 row(s) returned

0.0021

- ```
select f.film_id, f.title, f.description, f.release_year,
       fc.category_id, fc.name as genre, f.rental_rate,
       f.rating, f.special_features, c.name as genre, f.rental_rate
from film f join film_category fc on
f.film_id = fc.film_id join category c on
fc.category_id = c.category_id
where c.name = "Drama" and
```

| title              | description                                      | release_year | rating | special_features                     | genre  | actor_name    |
|--------------------|--------------------------------------------------|--------------|--------|--------------------------------------|--------|---------------|
| BULL SHAWSHANK     | A Fanciful Drama of a Moose And A Squirrel wh... | 2006         | NC-17  | Deleted Scenes                       | Action | SANDRA KILMER |
| DARN FORRESTER     | A Fateful Story of a Shark And A Explorer who... | 2006         | G      | Deleted Scenes                       | Action | SANDRA KILMER |
| MAGNOLIA FORRESTER | A Thoughtful Documentary of a Composer And...    | 2006         | PG-13  | Trailers,Commentaries,Deleted Scenes | Action | SANDRA KILMER |

Result 42

Read Only

```
select actor_id, concat_ws(" ",a.first_name, a.last_name)
as "actor_name", f.film_id, f.title, f.description, f.release_year, f.rating, f.special_features, c.name
from actor a join film f on a.actor_id = f.actor_id
```

| Time                   | A... | Response | Duration / Fetch Time |
|------------------------|------|----------|-----------------------|
| 0.00098 sec / 0.000... |      |          |                       |

- ```

select a.actor_id, concat_ws(" ",a.first_name,a.last_name)
as "actor_name", f.film_id,f.title,f.description,f.release_year,f.rating,f.special_features,c.name as genre
from actor a join film f on a.actor_id = f.actor_id join film_category fca
on f.film_id = fca.film_id join category c
on c.category_id = fca.category_id
where a.first_name = "SANDRA" and

```

```
c.name = "Action"
order by f.film_id;
```