

## Sakila Database Exercise: (MySQL Intermediate Assignment)

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.

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

Result 25

Output

Action Output

	Time	Action	Message
✓	87 14:27:18	SELECT actor.actor_id, CONCAT(actor.first_name, " ", actor.last_name) as actor_name, film.fil...	3 row(s) returned
✓	88 14:29:21	SELECT city.city_id as city_id, city.city as city, customer.first_name as first_name, customer.las...	2 row(s) returned

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

	film_id	title	description	release_year	rating	special_features	genre
▶	7	AIRPLANE SIERRA	A Touching Saga of a Hunter And ...	2006	PG-13	Trailers,Deleted Scenes	Comedy
	28	ANTHEM LUKE	A Touching Panorama of a Waitres...	2006	PG-13	Deleted Scenes,Behind the Scenes	Comedy
	99	BRINGING HYSTERICAL	A Fateful Saga of a A Shark And a ...	2006	PG	Trailers	Comedy
	119	CAPER MOTIONS	A Fateful Saga of a Moose And a C...	2006	G	Trailers,Commentaries,Deleted Sc...	Comedy
	127	CAT CONEHEADS	A Fast-Paced Panorama of a Girl A...	2006	G	Commentaries,Deleted Scenes	Comedy
	159	CLOSER BANG	A Unbelievable Panorama of a Fris...	2006	R	Trailers,Behind the Scenes	Comedy
	178	CONNECTION MICRO...	A Fateful Documentary of a Crocodi...	2006	G	Deleted Scenes,Behind the Scenes	Comedy
	182	CONTROL ANTHEM	A Fateful Documentary of a Robot ...	2006	G	Commentaries	Comedy
	188	CRAZY HOME	A Fanciful Panorama of a Boy And ...	2006	PG	Commentaries,Deleted Scenes	Comedy
	202	DADDY PITTSBURGH	A Epic Story of a A Shark And a St...	2006	G	Deleted Scenes,Behind the Scenes	Comedy
	242	DOOM DANCING	A Astounding Panorama of a Car A...	2006	R	Trailers,Commentaries	Comedy

Result 26

Output

Action Output

	Time	Action	Message
✓	89 14:30:46	SELECT city.city_id as city_id, city.city as city, customer.first_name as first_name, customer.las...	2 row(s) returned
✓	90 14:32:02	SELECT film.film_id, film.title as title, film.description as description, film.release_year as release...	58 row(s) returned

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

	actor_id	actor_name	film_id	title	description	release_year
▶	5	JOHNNY LOLLOBRIGIDA	19	AMADEUS HOLY	A Emotional Display of a Pioneer And a Technical Writer who ...	2006
	5	JOHNNY LOLLOBRIGIDA	54	BANGER PINOCCHIO	A Awe-Inspiring Drama of a Car And a Pastry Chef who must ...	2006
	5	JOHNNY LOLLOBRIGIDA	85	BONNIE HOLOCAUST	A Fast-Paced Story of a Crocodile And a Robot who must Fin...	2006
	5	JOHNNY LOLLOBRIGIDA	146	CHITTY LOCK	A Boring Epistle of a Boat And a Database Administrator who ...	2006
	5	JOHNNY LOLLOBRIGIDA	171	COMMANDMENTS ...	A Fanciful Saga of a Student And a Mad Scientist who must B...	2006
	5	JOHNNY LOLLOBRIGIDA	172	CONEHEADS SMO...	A Touching Story of a Womanizer And a Composer who must ...	2006
	5	JOHNNY LOLLOBRIGIDA	202	DADDY PITTSBUR...	A Epic Story of a A Shark And a Student who must Confront a...	2006
	5	JOHNNY LOLLOBRIGIDA	203	DAISY MENAGERIE	A Fast-Paced Saga of a Pastry Chef And a Monkey who must...	2006
	5	JOHNNY LOLLOBRIGIDA	286	ENOUGH RAGING	A Astounding Character Study of a Boat And a Secret Agent ...	2006
	5	JOHNNY LOLLOBRIGIDA	288	ESCAPE METROPO...	A Taut Yam of a Astronaut And a Technical Writer who must ...	2006
	5	JOHNNY LOLLOBRIGIDA	316	FIRE WOLVES	A Jetroid Documentary of a Fishes And a Dog who must Out...	2006

Result 27 ×

Output

Action Output

	Time	Action	Message
✓	90 14:32:02	SELECT film.film_id, film.title as title, film.description as description, film.release_year as release...	58 row(s) returned
✓	91 14:34:19	SELECT actor.actor_id, CONCAT(actor.first_name, " ", actor.last_name) as actor_name, film.fil...	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.

	store_id	city_id	first_name	last_name	email	address
▶	1	1	JULIE	SANCHEZ	JULIE.SANCHEZ@sakilacustomer.org	939 Probolinggo Loop
	1	42	SCOTT	SHELLEY	SCOTT.SHELLEY@sakilacustomer.org	587 Benguela Manor
	1	312	CECIL	VINES	CECIL.VINES@sakilacustomer.org	548 Uruapan Street
	1	459	NELSON	CHRISTENSON	NELSON.CHRISTENSON@sakilacustomer.org	1764 Jalib al-Shuyukh Parkway

Result 28

Output

Action Output

	Time	Action	Message
✓	91 14:34:19	SELECT actor.actor_id, CONCAT(actor.first_name, " ", actor.last_name) as actor_name, film.fil...	29 row(s) returned
✓	92 14:36:19	SELECT store.store_id, city.city_id, customer.first_name as first_name, customer.last_name as ...	4 row(s) returned

5. What query would you run to get all the films with a rating = G and special feature = behind the scenes, joined by actor\_id = 15? Your query should return the film title, description, release year, rate and special feature.

	title	description	release_year	rating	special_features
	BORROWERS BEDAZZLED	A Brilliant Epistle of a Teacher And a Sumo Wrestler who mus...	2006	G	Commentaries,Deleted Scenes,Behind the Scenes
	NOON PAPI	A Unbelievable Character Study of a Mad Scientist And a A...	2006	G	Behind the Scenes
	WEREWOLF LOLA	A Fanciful Story of a Man And a Sumo Wrestler who must Ou...	2006	G	Trailers,Behind the Scenes

Result 6 × Read Only

Output

Action Output

	Time	Action	Message
❌ 16	14:59:32	SELECT film.title as title, film.description as description, film.release_year as release year, film....	Error Code: 1064. You have an error in your SQL syntax; check the ma
✅ 17	15:00:48	SELECT film.title as title, film.description as description, film.release_year as release_year, film.r...	3 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 first\_name, last name and last\_update of the actors.

	film_id	title	actor_id	actor_name
▶	369	GOODFELLAS SALUTE	2	NICK WAHLBERG
	369	GOODFELLAS SALUTE	5	JOHNNY LOLLOBRIGIDA
	369	GOODFELLAS SALUTE	22	ELVIS MARX
	369	GOODFELLAS SALUTE	83	BEN WILLIS
	369	GOODFELLAS SALUTE	107	GINA DEGENERES
	369	GOODFELLAS SALUTE	110	SUSAN DAVIS
	369	GOODFELLAS SALUTE	126	FRANCES TOMEI
	369	GOODFELLAS SALUTE	197	REESE WEST

Result 30

Output

Action Output

	Time	Action	Message
✓ 93	14:37:54	SELECT actor.actor_id, CONCAT(actor.first_name, " ", actor.last_name) as actor_name, film.fil...	1 row(s) returned
✓ 94	14:39:18	SELECT film.film_id, film.title as title, actor.actor_id, CONCAT(actor.first_name, " ", actor.last_n...	8 row(s) returned

7. What query would you run to get all drama films with a rental rate of 2.99 ? Your query should return film title, description, release year, rating, special features and genre.

film_id	title	description	release_year	rating	special_features	genre	rental_rate
33	APOLLO TEEN	A Action-Packed Reflection ...	2006	PG-13	Trailers,Commentaries,D...	Drama	2.99
107	BUNCH MINDS	A Emotional Story of a Femin...	2006	G	Behind the Scenes	Drama	2.99
146	CHITTY LOCK	A Boring Epistle of a Boat An...	2006	G	Commentaries	Drama	2.99
209	DARKNESS WAR	A Touching Documentary of ...	2006	NC-17	Deleted Scenes,Behind...	Drama	2.99
230	DIARY PANIC	A Thoughtful Character Stud...	2006	G	Commentaries,Behind th...	Drama	2.99
368	GONE TROUBLE	A Insightful Character Study ...	2006	R	Deleted Scenes,Behind...	Drama	2.99
473	JACKET FRISCO	A Insightful Reflection of a ...	2006	PG-13	Trailers,Deleted Scenes...	Drama	2.99
514	LEBOWSKI SOLDIERS	A Beautiful Epistle of a Secr...	2006	PG-13	Commentaries,Deleted ...	Drama	2.99
539	LUCK OPUS	A Boring Display of a Moose ...	2006	NC-17	Trailers,Commentaries,B...	Drama	2.99
643	ORIENT CLOSER	A Astounding Epistle of a Te...	2006	R	Commentaries,Deleted ...	Drama	2.99
709	RACER EGG	A Emotional Display of a Mo...	2006	NC-17	Trailers,Commentaries,D...	Drama	2.99
758	SAINTS BRIDE	A Fateful Tale of a Technica...	2006	G	Deleted Scenes	Drama	2.99
772	SEA VIRGIN	A Fast-Paced Documentary ...	2006	PG	Deleted Scenes	Drama	2.99

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Time	Action	Message
94 14:39:18	SELECT film.film_id, film.title as title, actor.actor_id, CONCAT(actor.first_name, " ", actor.last_n...	8 row(s) returned
95 14:41:53	SELECT film.film_id, film.title as title, film.description as description, film.release_year as release...	15 row(s) returned

8. What query would you run to get all the action films joined by SANDRA KILMER. Your query should return film title, description, release year, rating, special features, genre and actor's first name and last name.

actor_id	actor_name	film_id	title	description	release_year	rating	special_features	genre
23	SANDRA KILMER	105	BULL SHAWSHANK	A Fanciful Drama of a Mo...	2006	NC-17	Deleted Scenes	Action
23	SANDRA KILMER	212	DARN FORRESTER	A Fateful Story of a A Sha...	2006	G	Deleted Scenes	Action
23	SANDRA KILMER	549	MAGNOLIA FORRESTER	A Thoughtful Documentar...	2006	PG-13	Trailers,Commentari...	Action

Result 32		Read
Output		
Action Output		
Time	Action	Message
95 14:41:53	SELECT film.film_id, film.title as title, film.description as description, film.release_year as release...	15 row(s) returned
96 14:43:55	SELECT actor.actor_id, CONCAT(actor.first_name, " ", actor.last_name) as actor_name, film.fil...	3 row(s) returned