Assignment: Sakila

Queries

1)
SELECT customer.first_name, customer.last_name, customer.email, address.address, address.city_id
FROM customer
JOIN address
WHERE customer.address_id = address.address_id
AND address.city_id = 312

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

2)
SELECT film.title, film.description, film.release_year, film.rating, film.special_features, category.name AS genre
FROM film
INNER JOIN category
INNER JOIN film_category
WHERE film.film_id = film_category.film_id
AND film_category.category_id = category.category_id
AND category.name = 'Comedy'

title	description	release_year	rating	special_features	genre
AIRPLANE SIERRA	A Touching Saga of a Hunter And a Butler who...	2006	PG-13	Trailers,Deleted Scenes	Comedy
ANTHEM LUKE	A Touching Panorama of a Waitress And a Wom...	2006	PG-13	Deleted Scenes,Behind the Scenes	Comedy
BRINGING HYSTERICAL	A Fateful Saga of a A Shark And a Technical Wri...	2006	PG	Trailers	Comedy
CAPER MOTIONS	A Fateful Saga of a Moose And a Car who must...	2006	G	Trailers,Commentaries,Deleted Scenes	Comedy
CAT CONEHEADS	A Fast-Paced Panorama of a Girl And a A Shark...	2006	G	Commentaries,Deleted Scenes	Comedy
CLOSER BANG	A Unbelieveable Panorama of a Frisbee And a...	2006	R	Trailers,Behind the Scenes	Comedy
CONNECTION MICROCOSMOS	A Fateful Documentary of a Crocodile And a Hu...	2006	G	Deleted Scenes,Behind the Scenes	Comedy
CONTROL ANTHEM	A Fateful Documentary of a Robot And a Studen...	2006	G	Commentaries	Comedy
CRAZY HOME	A Fanciful Panorama of a Boy And a Woman wh...	2006	PG	Commentaries,Deleted Scenes	Comedy

3)
SELECT film_actor.actor_id, concat_ws(' ', actor.first_name, actor.last_name) AS actor_name, film.title, film.description, film.release_year
FROM film_actor
INNER JOIN film
INNER JOIN actor
WHERE film_actor.actor_id = 5
AND film_actor.actor_id = actor.actor_id
AND film_actor.film_id = film.film_id

actor_id	actor_name	title	description	release_year
▸ 5	JOHNNY LOLLOBRIGIDA	AMADEUS HOLY	A Emotional Display of a Pioneer And a Technic...	2006
5	JOHNNY LOLLOBRIGIDA	BANGER PINOCCHIO	A Awe-Inspiring Drama of a Car And a Pastry C...	2006
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 Unbelieveable Tale of a Dog And a Explorer w...	2006
5	JOHNNY LOLLOBRIGIDA	GRAIL FRANKENSTEIN	A Unbelieveable Saga of a Teacher And a Monk...	2006
5	JOHNNY LOLLOBRIGIDA	GROOVE FICTION	A Unbelieveable 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

4)
SELECT customer.first_name, customer.last_name, customer.email, address.address, address.city_id

FROM customer
INNER JOIN address
WHERE customer.store_id = 1
AND customer.address_id = address.address_id
AND address.city_id IN (1, 42, 312, 459)

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

5)
SELECT film.title, film.description, film.release_year,
film.rating, film.special_features
FROM film
INNER JOIN film_actor
WHERE film.film_id = film_actor.film_id
AND   film.rating = 'G'
AND film_actor.actor_id = 15
AND film.special_features LIKE '%behind the scenes%'

title	description	release_year	rating	special_features
BORROWERS BEDAZZLED	A Brilliant Epistle of a Teacher And a Sumo Wre...	2006	G	Commentaries,Deleted Scenes,Behind the Sce...
NOON PAPI	A Unbelieveable Character Study of a Mad Scie...	2006	G	Behind the Scenes
WEREWOLF LOLA	A Fanciful Story of a Man And a Sumo Wrestler...	2006	G	Trailers,Behind the Scenes

6)
SELECT film.film_id, film.title, film_actor.actor_id,
concat_ws(' ', actor.first_name, actor.last_name) AS
actor_name
FROM film

INNER JOIN film_actor
INNER JOIN actor
WHERE film.film_id = 369
AND film.film_id = film_actor.film_id
AND film_actor.actor_id = actor.actor_id

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

7)
SELECT distinct film.film_id, film.title, film.description, film.release_year, film.rating, film.special_features, category.name AS genre, payment.amount AS rental_rate
FROM film
JOIN category
JOIN film_category
JOIN inventory
JOIN rental
JOIN payment
WHERE film.film_id = film_category.film_id
AND film_category.category_id = category.category_id
AND category.name = 'Drama'
AND film.film_id = inventory.film_id

AND inventory.inventory_id = rental.inventory_id
AND rental.rental_id = payment.rental_id
AND payment.amount = 2.99

film_id	title	description	release_year	rating	special_features	genre	rental_rate
64	BEETHOVEN EXORCIST	A Epic Display of a Pioneer And a Student who...	2006	PG-13	Commentaries,Behind the Scenes	Drama	2.99
79	BLADE POLISH	A Thoughtful Character Study of a Frisbee And...	2006	PG-13	Trailers,Behind the Scenes	Drama	2.99
107	BUNCH MINDS	A Emotional Story of a Feminist And a Feminist...	2006	G	Behind the Scenes	Drama	2.99
143	CHILL LUCK	A Lacklusture Epistle of a Boat And a Technical...	2006	PG	Trailers,Commentaries,Deleted Scenes	Drama	2.99
146	CHITTY LOCK	A Boring Epistle of a Boat And a Database Admi...	2006	G	Commentaries	Drama	2.99
204	DALMATIONS SWEDEN	A Emotional Epistle of a Moose And a Hunter w...	2006	PG	Trailers,Commentaries,Deleted Scenes	Drama	2.99
209	DARKNESS WAR	A Touching Documentary of a Husband And a H...	2006	NC-17	Deleted Scenes,Behind the Scenes	Drama	2.99
218	DECEIVER BETRAYED	A Taut Story of a Moose And a Squirrel who mu...	2006	NC-17	Trailers,Commentaries,Deleted Scenes,Behind t...	Drama	2.99
230	DIARY PANIC	A Thoughtful Character Study of a Frisbee And...	2006	G	Commentaries,Behind the Scenes	Drama	2.99
366	GOLDFINGER SENSIBILITY	A Insightful Drama of a Mad Scientist And a Hun...	2006	G	Trailers,Commentaries,Behind the Scenes	Drama	2.99
368	GONE TROUBLE	A Insightful Character Study of a Mad Cow And...	2006	R	Deleted Scenes,Behind the Scenes	Drama	2.99
379	GREEDY ROOTS	A Amazing Reflection of a A Shark And a Butler...	2006	R	Trailers,Commentaries,Deleted Scenes	Drama	2.99
401	HAROLD FRENCH	A Stunning Saga of a Sumo Wrestler And a Stu...	2006	NC-17	Commentaries,Deleted Scenes,Behind the Sce...	Drama	2.99
418	HOBBIT ALIEN	A Emotional Drama of a Husband And a Girl wh...	2006	PG-13	Commentaries	Drama	2.99
473	JACKET FRISCO	A Insightful Reflection of a Womanizer And a Hu...	2006	PG-13	Trailers,Deleted Scenes,Behind the Scenes	Drama	2.99
504	KWAI HOMEWARD	A Amazing Drama of a Car And a Squirrel who...	2006	PG-13	Trailers,Commentaries	Drama	2.99
514	LEBOWSKI SOLDIERS	A Beautiful Epistle of a Secret Agent And a Pion...	2006	PG-13	Commentaries,Deleted Scenes	Drama	2.99
539	LUCK OPUS	A Boring Display of a Moose And a Squirrel who...	2006	NC-17	Trailers,Commentaries,Behind the Scenes	Drama	2.99
585	MOB DUFFEL	A Unbelieveable Documentary of a Frisbee And...	2006	G	Trailers	Drama	2.99
618	NECKLACE OUTBREAK	A Astounding Epistle of a Database Administrat...	2006	PG	Trailers,Commentaries,Behind the Scenes	Drama	2.99
630	NOTTING SPEAKEASY	A Thoughtful Display of a Butler And a Womaniz...	2006	PG-13	Trailers,Commentaries	Drama	2.99
643	ORIENT CLOSER	A Astounding Epistle of a Technical Writer And a...	2006	R	Commentaries,Deleted Scenes	Drama	2.99
709	RACER EGG	A Emotional Display of a Monkey And a Waitres...	2006	NC-17	Trailers,Commentaries,Deleted Scenes	Drama	2.99
728	REUNION WITCHES	A Unbelieveable Documentary of a Database A...	2006	R	Commentaries	Drama	2.99
758	SAINTS BRIDE	A Fateful Tale of a Technical Writer And a Comp...	2006	G	Deleted Scenes	Drama	2.99
772	SEA VIRGIN	A Fast-Paced Documentary of a Technical Write...	2006	PG	Deleted Scenes	Drama	2.99

8)
SELECT film.title, film.description, film.release_year,
film.rating, film.special_features, category.name AS genre,
actor.first_name, actor.last_name
FROM film
JOIN category
JOIN film_category
JOIN film_actor
JOIN actor
WHERE film.film_id = film_category.film_id
AND film_category.category_id = category.category_id
AND category.name = 'Action'
AND film.film_id = film_actor.film_id
AND film_actor.actor_id = actor.actor_id

AND concat_ws(' ', actor.first_name, actor.last_name) = 'SANDRA KILMER'

title	description	release_year	rating	special_features	genre	first_name	last_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 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