Sakila Assignment **Queries**

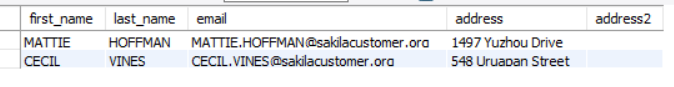
1. What query would you run to get all the customers inside city\_id = 312? Your query should return customer first name, last name, email, and address.

SELECT customer.first\_name, customer.last\_name, customer.email, address.address, address.address2

FROM customer

JOIN address ON customer.address\_id = address.address\_id

WHERE address.city\_id = 312;



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).

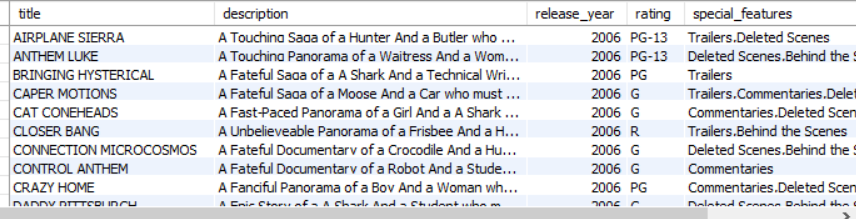
SELECT film.title, film.description, film.release\_year, film.rating, film.special\_features, category.name

FROM film

JOIN film\_category ON film.film\_id = film\_category.film\_id

JOIN category ON film\_category.category\_id = category.category\_id

WHERE category.name = 'Comedy';



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.

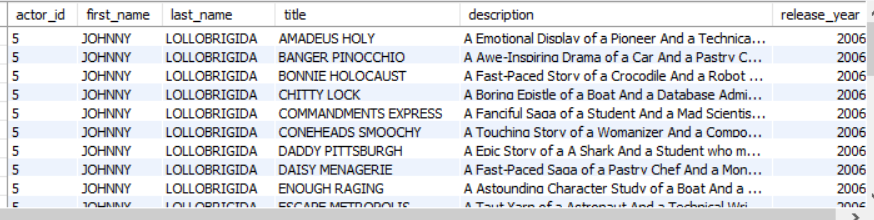
SELECT actor.actor\_id, actor.first\_name, actor.last\_name, film.title, film.description, film.release\_year

FROM actor

JOIN film\_actor ON actor.actor\_id = film\_actor.actor\_id

JOIN film ON film\_actor.film\_id = film.film\_id

WHERE actor.actor\_id = 5;



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.

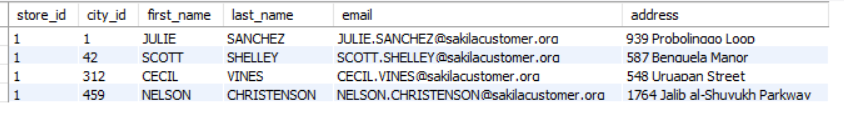
SELECT customer.store\_id, address.city\_id, customer.first\_name, customer.last\_name, customer.email, address.address

FROM customer

JOIN address ON customer.address\_id = address.address\_id

WHERE customer.store\_id = 1

AND address.city\_id IN (1,42,312,459);



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, rating, and special feature. *Hint: You may use LIKE function in getting the 'behind the scenes' part.*

SELECT film.title, film.description, film.release\_year, film.rating, film.special\_features

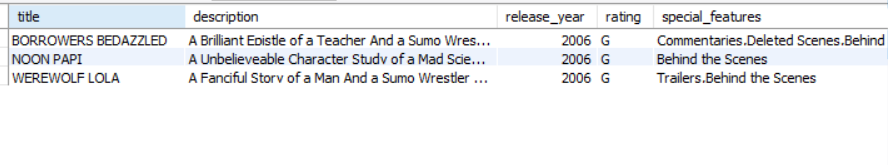
FROM film

JOIN film\_actor ON film.film\_id = film\_actor.film\_id

WHERE film\_actor.actor\_id = 15

AND film.rating = 'G'

AND film.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.

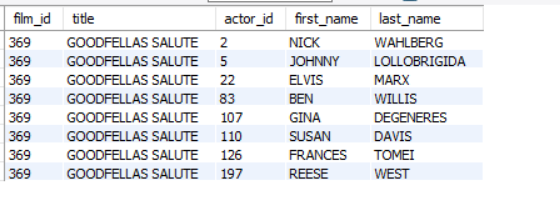
SELECT film.film\_id, film.title, actor.actor\_id, actor.first\_name, actor.last\_name

FROM film

JOIN film\_actor ON film.film\_id = film\_actor.film\_id

JOIN actor ON film\_actor.actor\_id = actor.actor\_id

WHERE film.film\_id = 369;



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 (category).

SELECT film.film\_id, film.title, film.description, film.release\_year, film.rating, film.special\_features, category.name AS genre, film.rental\_rate

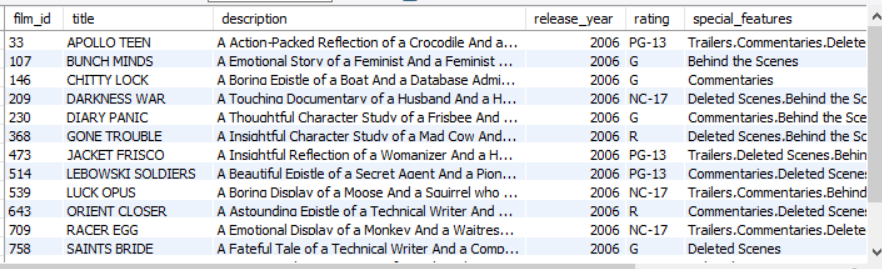
FROM film

JOIN film\_category ON film.film\_id = film\_category.film\_id

JOIN category ON category.category\_id = film\_category.category\_id

WHERE film.rental\_rate = 2.99

AND category.name = 'drama';



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

SELECT actor.actor\_id, actor.first\_name, actor.last\_name, film.title, film.description, film.rating, film.special\_features, category.name AS genre

FROM actor

JOIN film\_actor ON actor.actor\_id = film\_actor.actor\_id

JOIN film ON film.film\_id = film\_actor.film\_id

JOIN film\_category ON film.film\_id = film\_category.film\_id

JOIN category ON film\_category.category\_id = category.category\_id

WHERE actor.first\_name = 'SANDRA'

AND actor.last\_name = 'KILMER'

AND category.name = 'action';

