**MySQL Sakila Database**

**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

FROM customer

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

WHERE 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.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, CONCAT(actor.first\_name, " ", actor.last\_name) AS actor\_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 store.store\_id, city.city\_id, customer.first\_name, customer.last\_name, customer.email, address.address

FROM store

JOIN customer ON store.store\_id = customer.store\_id

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

JOIN city ON address.city\_id = city.city\_id

WHERE customer.store\_id=1 AND city.city\_ID = 1 OR customer.store\_id=1 AND city.city\_ID = 42 OR customer.store\_id=1 AND city.city\_ID = 312 OR customer.store\_id=1 AND city.city\_ID = 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 actor

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

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

WHERE film.rating = 'G' AND actor.actor\_id = 15 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, CONCAT(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.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 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 film.title, film.description, film.release\_year, film.rating, film.special\_features, category.name, actor.first\_name, actor.last\_name

FROM film

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

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

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

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

WHERE category.name = 'action' AND actor.first\_name = 'Sandra' AND actor.last\_name = 'Kilmer'