Assignment-2: *Sakila*

1. What query :
- ➢ All the customers
- ➢ Inside city_id = 312
- Your query should return customer
  - ○ first name
  - ○ last name
  - ○ email
  - ○ address.

```
SELECT city_id, first_name, last_name, email, address.address FROM customer
JOIN address ON address.address_id = customer.address_id
WHERE city_id = 312;
```

```
1      -- ================================================================================
2      -- PART-1
3 ●    SELECT city_id, first_name, last_name, email, address.address FROM customer
4      JOIN address ON address.address_id = customer.address_id
5      WHERE city_id = 312;
```
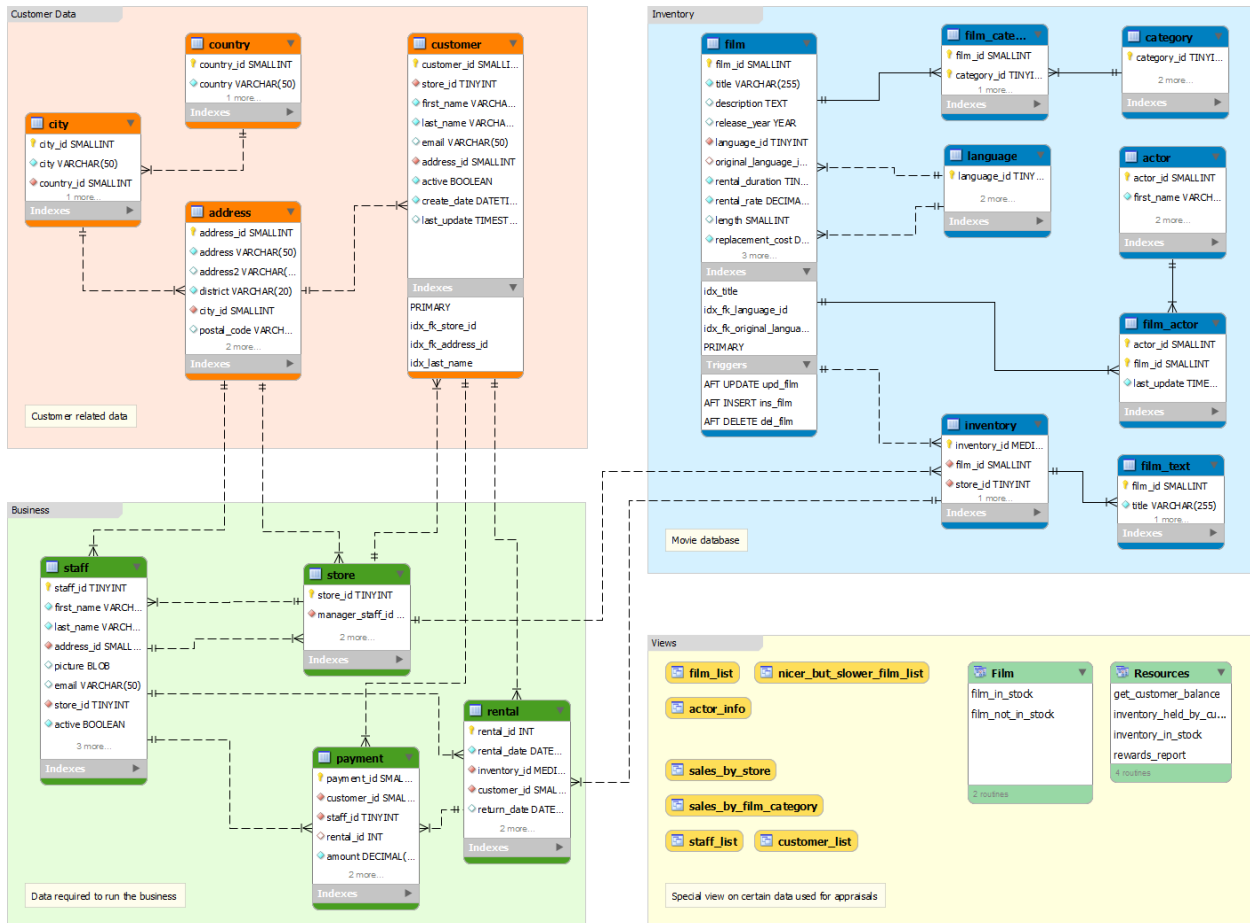
city_id	first_name	last_name	email	address
312	MATTIE	HOFFMAN	MATTIE.HOFFMAN@sakilacustomer.org	1497 Yuzhou Drive
312	CECIL	VINES	CECIL.VINES@sakilacustomer.org	548 Uruapan Street

2. What query would you run to get
  ➢ All comedy films
  • Your query should return:
    ▪ film title
    ▪ description
    ▪ release year
    ▪ rating
    ▪ special features
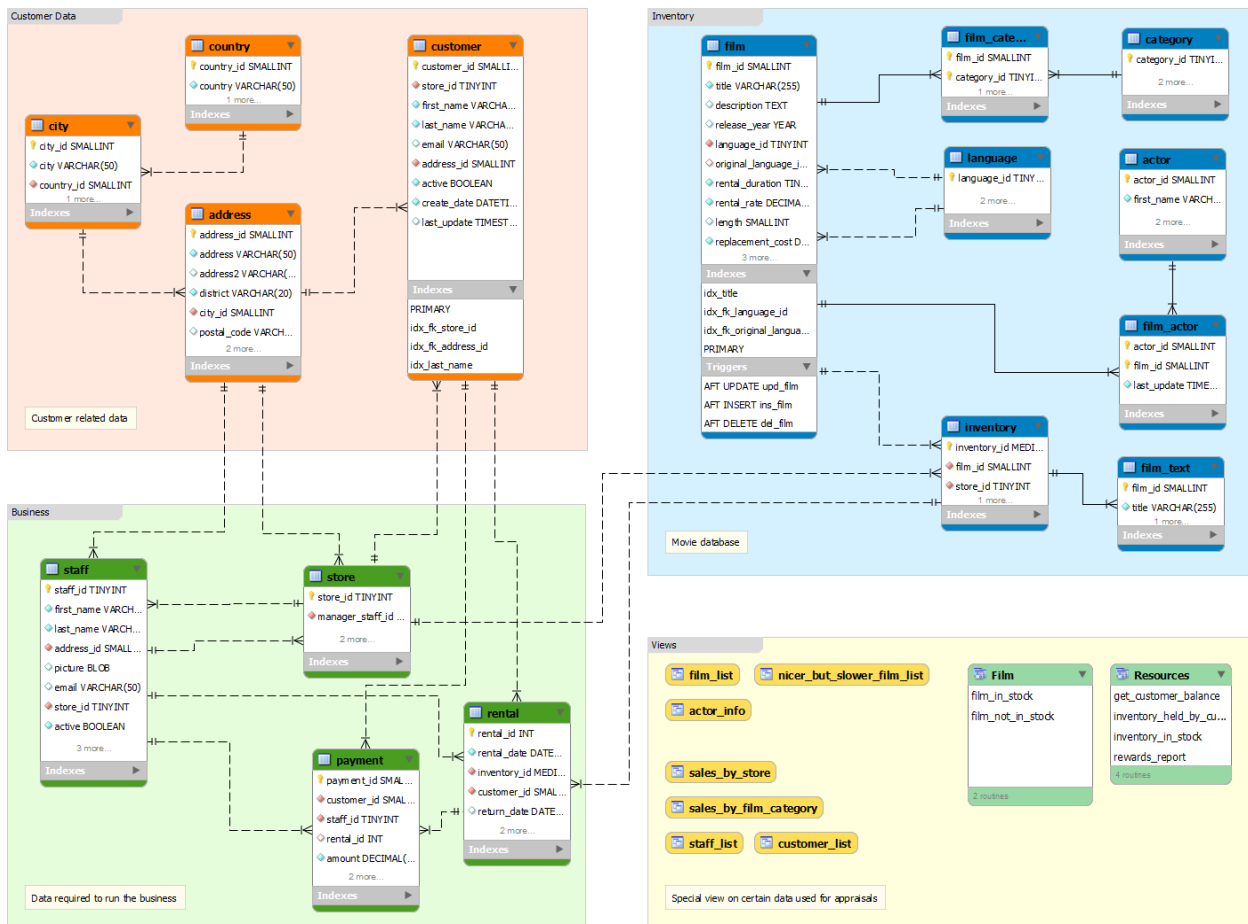   ▪ genre (category)

```
SELECT film.film_id, title AS Film_Title, description, release_year, rating, special_features, name AS
Genre   FROM film_category
JOIN film ON film.film_id = film_category.film_id
JOIN category ON category.category_id = film_category.category_id
```

3. What query would you run to get
  ➢ All the films joined by actor_id=5
  - Your query should return
    - o Actor id
    - o Actor name
    - o Film title
    - o Description
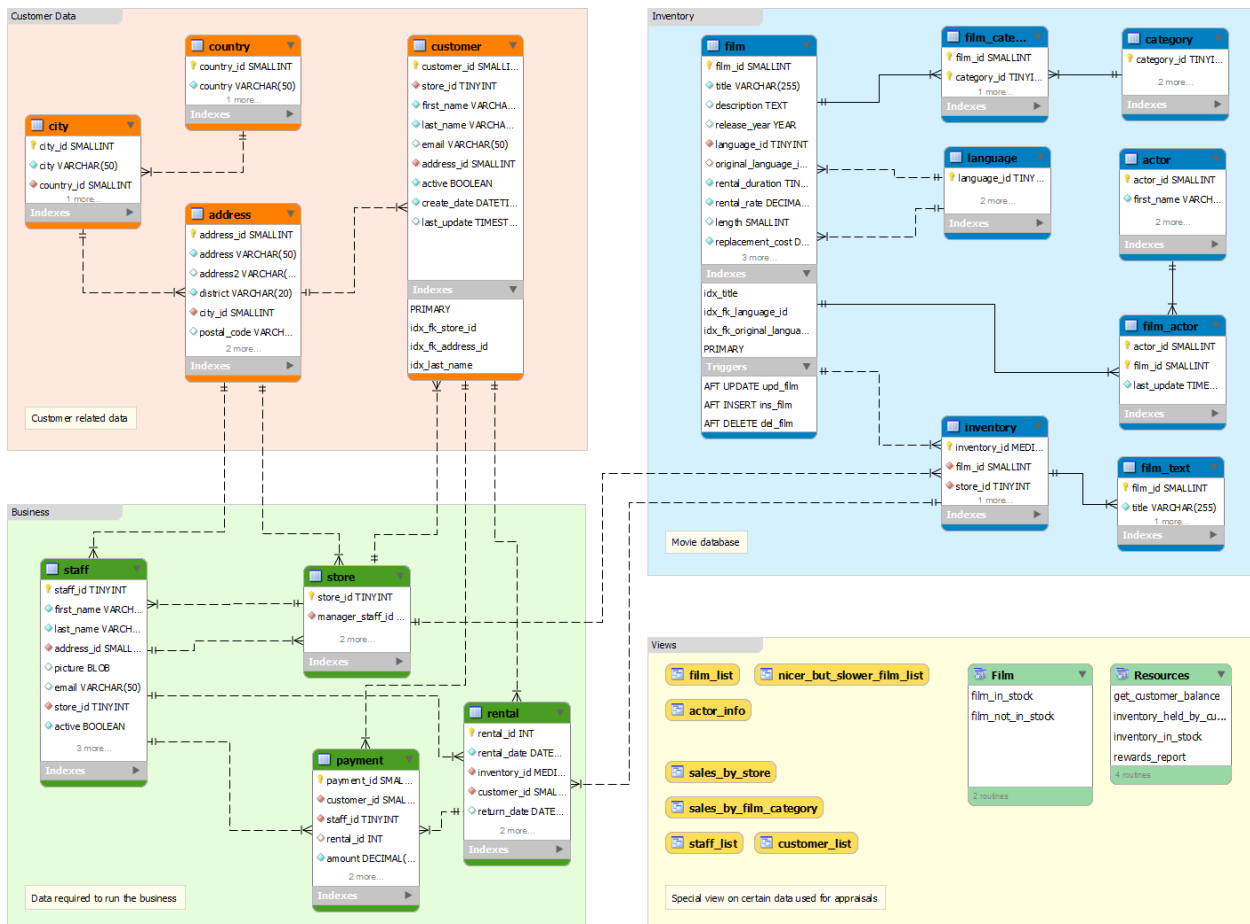   - o Release year.

```
SELECT film_actor.actor_id, first_name, last_name, film.film_id, title, film.description,
film.release_year FROM film_actor
JOIN film ON film.film_id = film_actor.film_id
JOIN actor ON actor.actor_id = film_actor.actor_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

    o first name
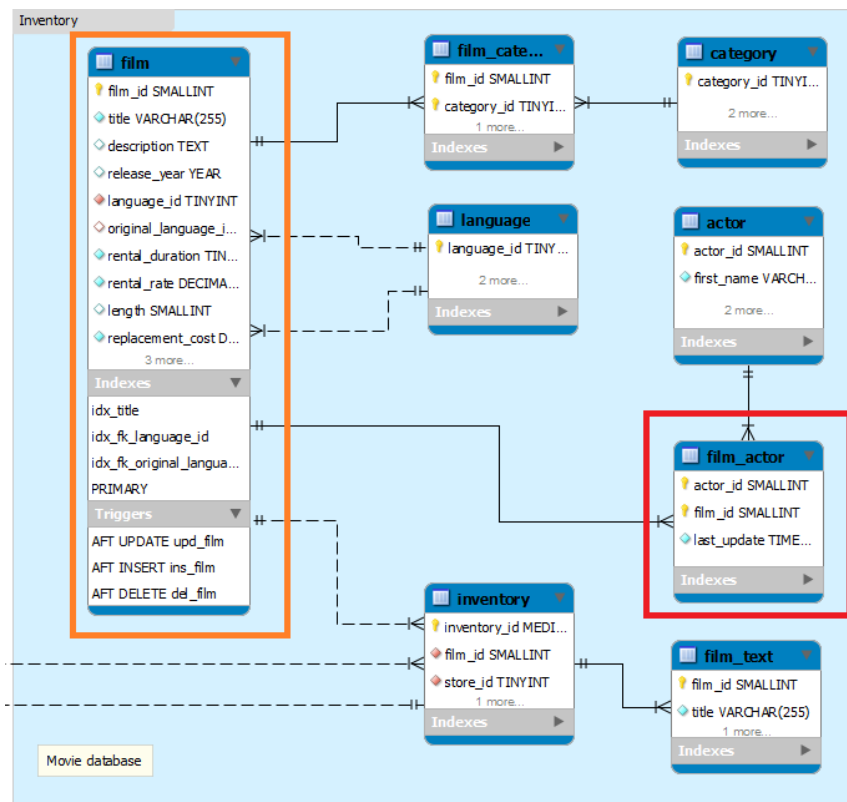   o last name
    o email
    o address

```
SELECT * FROM customer
JOIN address ON address.address_id = customer.address_id
JOIN city ON city.city_id = address.city_id
WHERE store_id = 1 and city.city_id = 1 or city.city_id = 42 or city.city_id = 312 or 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
    - o Description
    - o Release Year
    - o Rating
    - o Special Feature.
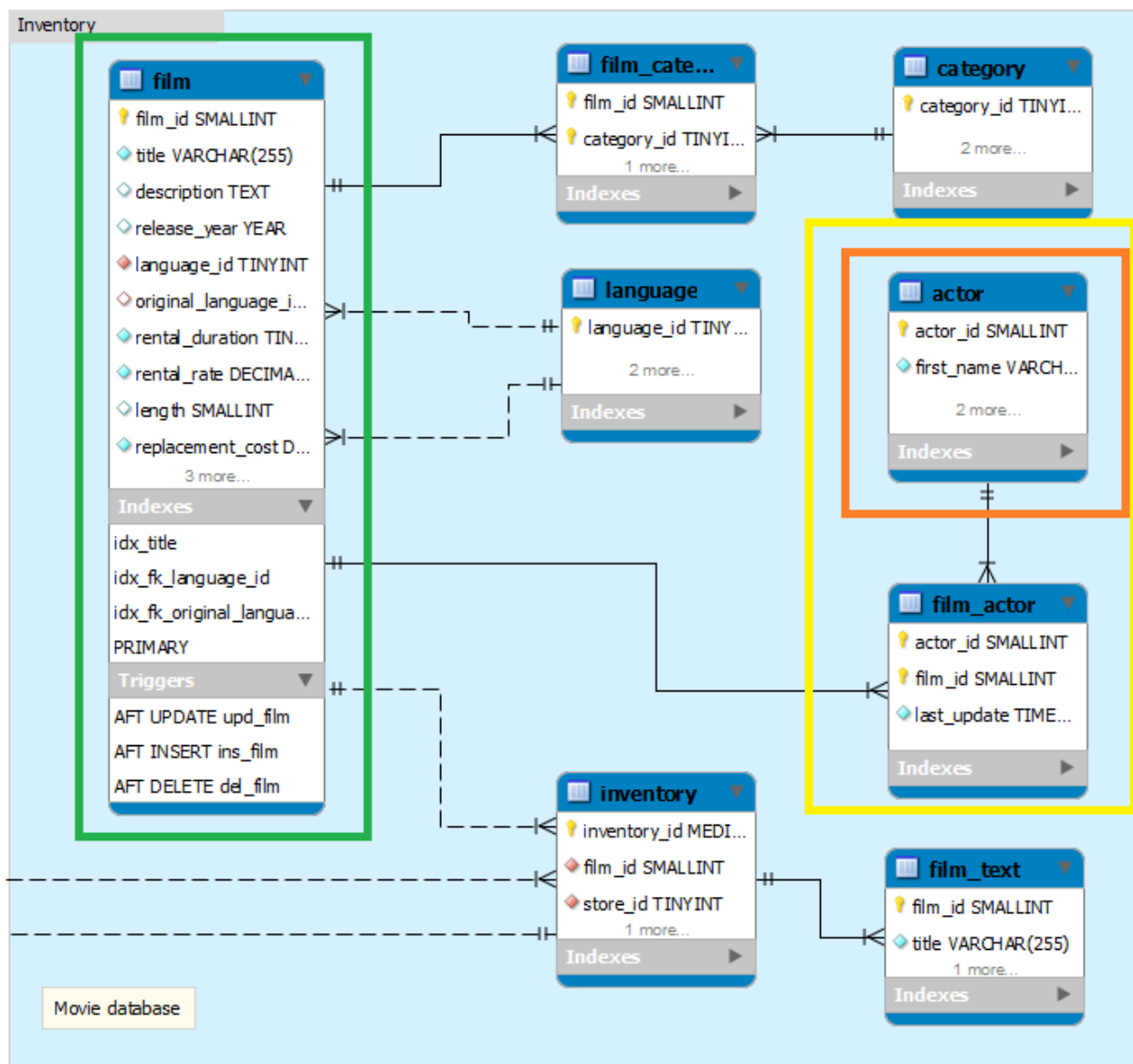- *Hint: You may use LIKE function in getting the 'behind the scenes' part.*

```
SELECT * FROM film_actor
JOIN film ON film.film_id = film_actor.film_id
WHERE film_actor.actor_id LIKE 15 AND film.rating LIKE '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
    - ○ actor_name

```
SELECT film_actor.film_id, film.title, actor.actor_id, actor.first_name, actor.last_name FROM film
JOIN film_actor ON film_actor.film_id = film.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
    - ○ genre

```
SELECT film.film_id, title AS Film_Title, description, release_year, rating, special_features, name AS
Genre, rental_rate FROM film_category
JOIN film ON film.film_id = film_category.film_id
JOIN category ON category.category_id = film_category.category_id
WHERE rental_rate = 2.99 AND name LIKE 'Drama'
```

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

```sql
SELECT actor.actor_id, first_name, last_name,
film.film_id, title AS Film_Title, description, release_year,
rating, special_features, name AS Genre
FROM film_category

-- Join 'category'-Table into 'film'-Table
JOIN film ON film.film_id = film_category.film_id
JOIN category ON category.category_id = film_category.category_id

-- Join 'actor'-Table into 'film'-Table
JOIN film_actor ON film_actor.film_id = film.film_id
JOIN actor ON film_actor.actor_id = actor.actor_id

-- Condition
WHERE first_name LIKE 'Sandra' AND last_name LIKE 'KILMER' AND name LIKE 'Action'
```