Pregunta	Query	Resultado	Notas
¿Qué país tiene más ciudades?	SELECT country, COUNT(city) AS number_of_cities FROM country AS c1 INNER JOIN city AS c2 ON c1.country_id = c2.country_id GROUP BY country ORDER BY COUNT(city) DESC LIMIT 1;	Country number_of_cities India 60	Here, I verified that no city or country is duplicated.
¿Cuántos actores se llaman TOM?	SELECT COUNT(DISTINCT actor_id) AS number_of_actors FROM actor WHERE first_name LIKE 'TOM';	number_of_actors 2	Here, I used wildcards to check for actors whose first_name could contain TOM.

¿Qué actor ha actuado en más películas?	--Here, I wrote two options
	--option 1
	SELECT ac.actor_id, first_name, last_name, COUNT(DISTINCT film_id)
	FROM actor AS ac
	INNER JOIN film_actor AS fa
	ON ac.actor_id = fa.actor_id
	GROUP BY ac.actor_id, first_name, last_name
	ORDER BY COUNT(DISTINCT film_id) DESC
	LIMIT 1;
	
	--option 2
	SELECT first_name, last_name, (SELECT COUNT(film_id)
	     FROM film_actor
	     WHERE actor.actor_id = film_actor.actor_id)
	AS many_films
	FROM actor
	ORDER BY many_films DESC
	LIMIT 1;
		first_name last_name many_films
		
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			1. First we verify unique actors_id in both tables
			--SELECT COUNT(DISTINCT film_actor.actor_id)
			--FROM film_actor
			--INNER JOIN actor
			--ON film_actor.actor_id=actor.actor_id;
			--and other queries
			
			2. I am suppose actor_id corresponds to a just one actor even when the actor name duplicates

¿En qué año se estrenaron más películas?	SELECT release_year, COUNT(*) AS number_of_films FROM film GROUP BY release_year;	release_year number_of_films 2006 1000	-- because the query just returned one value of release_year, I checked out the release_years of the table and the total amount of records such as: --SELECT COUNT(*) release_year --FROM film;
¿Cuál es el promedio de la duración de las películas PG-13?	SELECT ROUND(AVG(length),2) AS avg_duration FROM film WHERE rating = 'PG-13';	avg_duration 120.44	--To verify this value I computed the total of records under the given condition and the sum to the film's length to compute the average --SELECT COUNT(*), SUM(length), AVG(length) --FROM film --WHERE rating = 'PG-13';