

LISTA 1

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1. show tables;
2. SELECT title FROM film WHERE length > 120;
3. SELECT title FROM film WHERE length = (SELECT MIN(length) FROM film WHERE rating = 'G');
4. SELECT title, name FROM film RIGHT JOIN language ON film.language_id = language.language_id WHERE description LIKE '%Drama%';
5. SELECT title FROM film JOIN film_category ON film.film_id = film_category.film_id JOIN category ON film_category.category_id = category.category_id WHERE name = 'Family' AND description LIKE '%Documentary%';
6. SELECT title FROM film JOIN film_category ON film.film_id = film_category.film_id JOIN category ON film_category.category_id = category.category_id WHERE name = 'Children' AND rating <> 'G';
7. SELECT rating, COUNT(title) FROM film GROUP BY rating;
8. SELECT DISTINCT title, rental_date FROM rental LEFT JOIN inventory ON rental.inventory_id = inventory.inventory_id LEFT JOIN film ON inventory.film_id = film.film_id WHERE rental_date BETWEEN '2005-05-31' AND '2005-06-15' ORDER BY title;
9. SELECT DISTINCT first_name, last_name FROM actor LEFT JOIN film_actor ON actor.actor_id = film_actor.actor_id LEFT JOIN film ON film_actor.film_id = film.film_id WHERE special_features LIKE '%Deleted Scenes%';
10. SELECT DISTINCT first_name, last_name FROM rental INNER JOIN payment AS p ON rental.rental_id = p.customer_id INNER JOIN customer AS c ON rental.customer_id = c.customer_id WHERE rental.staff_id <> p.staff_id;
11. SELECT first_name, last_name FROM customer AS c JOIN (SELECT customer_id, COUNT(*) AS count FROM rental GROUP BY customer_id) AS counts ON c.customer_id = counts.customer_id WHERE count > (SELECT count FROM customer AS c JOIN (SELECT customer_id, COUNT(*) AS count FROM rental GROUP BY customer_id) AS counts ON c.customer_id = counts.customer_id WHERE email = 'MARY.SMITH@sakilacustomer.org');
12. SELECT t.* FROM (SELECT fa1.actor_id AS actor1, fa2.actor_id AS actor2, COUNT(fa2.actor_id) AS count FROM film_actor fa1 JOIN film_actor fa2 ON fa1.film_id = fa2.film_id AND fa1.actor_id < fa2.actor_id GROUP BY fa1.actor_id, fa2.actor_id) AS t WHERE t.count > 1;
13. SELECT DISTINCT last_name FROM actor WHERE NOT actor_id IN (SELECT actor_id FROM film AS f LEFT JOIN film_actor AS fa ON f.film_id = fa.film_id WHERE title LIKE 'C%');
14. SELECT first_name FROM actor AS a JOIN (SELECT actor_id, COUNT(name) as Action_count FROM film_actor as fa JOIN film_category AS fc ON fa.film_id = fc.film_id JOIN (SELECT name, category_id FROM category) AS c ON fc.category_id = c.category_id WHERE name = "Action" GROUP BY actor_id) AS ac ON ac.actor_id = a.actor_id JOIN (SELECT actor_id, COUNT(name) as Horror_count FROM film_actor as fa JOIN film_category AS fc ON fa.film_id = fc.film_id JOIN (SELECT name, category_id FROM category) AS c ON fc.category_id = c.category_id WHERE name = "Horror" GROUP BY actor_id) AS hc ON a.actor_id = hc.actor_id WHERE Action_count > Horror_count;
15. SELECT first_name, last_name, avg FROM customer AS c JOIN (SELECT customer_id, AVG(amount) AS avg FROM payment GROUP BY customer_id) AS p ON c.customer_id = p.customer_id WHERE avg < (SELECT AVG(amount) FROM payment);
16. UPDATE film SET language_id=2 WHERE title ='YOUNG LANGUAGE';
17. UPDATE film SET language_id = 7 WHERE film_id IN (SELECT film_id FROM film_actor AS fa JOIN actor AS a ON fa.actor_id = a.actor_id WHERE first_name = 'ED' AND last_name = 'CHASE');

18. ALTER TABLE language ADD films_no INT(255); UPDATE language SET language.film_no=(SELECT COUNT(*) FROM film WHERE film.language_id = language.language_id GROUP BY language_id);
19. ALTER TABLE film DROP COLUMN release_year;