

Practise Questions on JOINS, AGGREGATES, VIEWS and NESTED QUERIES

1. Display the first and last names of all actors from the table actor.
2. Display the first and last name of each actor in a single column in upper case letters. Name the column Actor Name.
3. You need to find the ID number, first name, and last name of an actor, of whom you know only the first name, "Joe." Write a query to retrieve the corresponding information.
4. Find all actors whose last name contain the letters GEN
5. Find all actors whose last names contain the letters LI. Order the rows by last name and first name
6. Using IN, display the country_id and country columns of the following countries: Afghanistan, Bangladesh, and China
7. Add a middle_name column to the table actor. Position it between first_name and last_name.
8. You realize that some of these actors have tremendously long last names. Change the data type of the middle_name column to blobs
9. List the last names of actors, as well as how many actors have that last name.
10. List last names of actors and the number of actors who have that last name, -- but only for names that are shared by at least two actors
11. Use JOIN to display the first and last names, as well as the address, of each staff member. Use the tables staff and address:
12. Use JOIN to display the total amount rung up by each staff member in August of 2005. Use tables staff and payment.
13. List each film and the number of actors who are listed for that film. Use tables film_actor and film. Use inner join.
14. How many copies of the film Hunchback Impossible exist in the inventory system?
15. The music of Queen and Kris Kristofferson have seen an unlikely resurgence. As an unintended consequence, films starting with the letters K and Q have also soared in popularity. Use subqueries to display the titles of movies starting with the letters K and Q whose language is English.
16. Use subqueries to display all actors who appear in the film Alone Trip.

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17. You want to run an email marketing campaign in Canada, for which you will need the names and email addresses of all Canadian customers. Use joins to retrieve this information.
18. Sales have been lagging among young families, and you wish to target all family movies for a promotion. Identify all movies categorized as family films.
19. In your new role as an executive, you would like to have an easy way of viewing -- the Top five genres by gross revenue. Use the solution from the problem above to create a view.
20. List the top five genres in gross revenue in descending order.
21. Write a query to display for each store its store ID, city, and country.
22. Write a query to display how much business, in dollars, each store brought in.
23. Sales have been lagging among young families, and you wish to target all family movies for a promotion. Identify all movies categorized as family films.