

SQL Primer Exercises

From the library database that we created during the session, write a query that will answer the following questions

1. Who is C. S. Lewis' biggest fan?
2. Which book is most overdue?
3. Which books are overdue?
4. Which member has borrowed the most books?
5. Which member has borrowed the least?
6. Which book has been borrowed the most?
7. Which books have never been borrowed?
8. Which books were returned late?
9. Which members borrowed more than one book on the same day?
10. What is Enid's favorite book?
11. List all the books borrowed by Ned England

Before working through the exercises below, familiarize yourself with the structure of the SAKILA data.

1. Produce a report of customer first name, last name and email.
2. Produce a report of the city names, do not show duplicates.
3. Produce a report of customer details for a customer whose last name is Lee.
4. Produce a report of customer details for all customers whose last name starts with 'M'.
5. Produce a report with customer first name, last name and total payments. Report back a 0 if any customer has no sales.
6. Produce a report of customer first name and last name for customers that have no payments. Do not show customers that have payment data.
7. Produce a report of distinct customer sorted by the payment amount descending.
8. Produce a report of the total number of customers in each city showing city name and the customer count.
9. Produce a report of the cities having five or more customers.
10. [Challenge] The "table" being queried or the value for a WHERE clause can be a query itself. Provide a list of those customers who bought the most expensive product.