



Customer Success

Recruitment Task for Junior Customer Engineer

Database design

Create an ERD diagram for a public library database. Assumptions:

1. books have unique identifier (ISBN), there can be more than one copy of each position
2. users can reserve books that are currently checked out by other users
3. there is a limit as to how many books an user can check out

This task is open ended and many answers are correct. If you are missing information or assumption, please make it up and provide the justification. For the sake of simplicity and respect for your time, please limit the scope of the task to max. 10 entities and 5 attributes per entity.

SQL

Based on the schema attached below write queries that would answer the following questions:

1. List the last names of actors with the name ELVIS
2. How many times were payments made for staff_id=2 and how many for staff_id=3 in January 2020? Please write 1 query.
3. Find the name of the most watched actor based on rentals made in June 2020

