

- What operations do the following functions perform: `film_in_stock`, `film_not_in_stock`, `inventory_in_stock`, `get_customer_balance`, `inventory_held_by_customer`, `rewards_report`, `last_day`? You can find these functions in `dvd_rental` database.
  - `film_in_stock` — returns inventories for the input `film_id` in the specified `store_id`
  - `film_not_in_stock` — the opposite: the inventories not in stock for a particular store
  - `get_customer_balance` — customer balance considering the rent fees and late fees
  - `inventory_id` — inventory taken by customer for rent yet not returned yet
  - `rewards_report` — customers who are eligible to specific rewards based on minimum monthly purchases and dollars amount purchased
  - `last_day` — the last day of the month for the input timestamp
- Why does 'rewards\_report' function return 0 rows? Correct and recreate the function, so that it's able to return rows properly.
  - *will rather skip this one and do the easy ones first*
- Is there any function that can potentially be removed from the `dvd_rental` codebase? If so, which one and why?
  - `film_not_in_stock`. Because I believe `film_in_stock` itself could be used to find both existing and non-existing films in a particular stock with a slight tweak
- The 'get\_customer\_balance' function describes the business requirements for calculating the client balance. Unfortunately, not all of them are implemented in this function. Try to change function using the requirements from the comments.
- How do 'group\_concat' and '\_group\_concat' functions work? (database creation script might help) Where are they used?
  - `_group_concat` function concatenates two strings with a comma between, while the `group_concat` one concatenates multiple strings, putting commas in between using the former function.
- What does 'last\_updated' function do? Where is it used?
- What is tmpSQL variable for in 'rewards\_report' function? Can this function be recreated without EXECUTE statement and dynamic SQL? Why?