CPSC 408 In Class Assignment 5

Constraints, Views, Triggers, and Stored Procedures

Complete all following queries using the Sakila database for MySQL. Submit your completed queries in a .sql file on canvas.

1) Write a SQL query that adds the UNIQUE constraint to the title attribute of the film table.

2) Write a query to remove this constraint from the table film.

3) Create a view that shows all films released in 2006 whose title begins with A.

4) Write a query that prints all records from the view created in question 3.

5) Using the below query, create a ratings log table in the Sakila DB. Then, using this log table, create a trigger AFTER INSERT on the film table that warns us if a user inserts a movie with an R rating.

```
CREATE TABLE rating_log(
user VARCHAR(50),
action VARCHAR(120)
);
```

6) Create a query to insert an R rated movie into the film table. What record is inserted into the rating_log table?

7) Create a stored procedure that returns the release year of a movie as an OUT variable, using the title of the movie as an IN variable.

8) Create a query to call your stored procedure and Select the result