

## TP6

Consider the following MovieRating database.

Movie ( mID, title, year, director )

A movie has a unique ID (mID), a title, a release year and a director.

Reviewer ( rID, name )

Rating ( rID#, mID#, stars, ratingDate )

A reviewer (rID) rates a movie (mID) with a number of stars (1-5) on a certain ratingDate.

Use command SOURCE and the file rating.sql to create the database MovieRating.

Write SQL query for the following questions.

1. Find the titles of all movies directed by “Steven Spielberg”.
2. Find all years that have a movie that received a rating of 4 or 5, and sort them in increasing order.
3. Find the titles of all movies that have no ratings.
4. Some reviewers didn't provide a date with their rating. Find the names of all reviewers who have ratings with a NULL value for the date.
5. Write a query to return the ratings data in a more readable format: reviewer name, movie title, stars, and ratingDate. Also, sort the data, first by reviewer name, then by movie title, and lastly by number of stars.
6. Find the names of all reviewers who rated “Gone with the Wind”.
7. For any rating where the reviewer is the same as the director of the movie, return the reviewer name, movie title, and number of stars.
8. Return all reviewer names and movie names together in a single list, alphabetized.
9. Find the titles of all movies not reviewed by “Chris Jackson”.
10. For all pairs of reviewers such that both reviewers gave a rating to the same movie, return the names of both reviewers. Eliminate duplicates, don't pair reviewers with themselves, and include each pair only once. For each pair, return the names in the pair in alphabetical order.