**Assignment 3**

1. Create a new database named movieRatingG1 if you belong to group 1.

or

Create a database named movieRatingG2 if you belong to group 2.

1. Use the movieRatingG1 or movieRatingG2 as the case may be.
2. Execute the SQL script file rating.sql using the *source* command.

The schema for the database is given below:   
  
Movie ( mID, title, year, director )   
There is a movie with ID number *mID*, a *title*, a release *year*, and a *director*.   
  
Reviewer ( rID, name )   
The reviewer with ID number *rID* has a certain *name*.   
  
Rating ( rID, mID, stars, ratingDate )   
The reviewer *rID* gave the movie *mID* a number of *stars* rating (1-5) on a certain *ratingDate*.

Write the query in SQL to:

1. Find the titles of all movies directed by Steven Spielberg.
2. Find the avarage, maximum and minimum rating of the movies.
3. Count the number of reviewers.
4. Find the titles of all movies that have no ratings.
5. Find the names of movies reviewed by reviewer id 103.
6. Find the mids of movies reviewed by Chris Jackson.
7. Find the ids of Reviewers who reviwed Gone with the Wind.
8. Find the names of Reviewers who have reviewed at least one movie.
9. Find the names of movies whose name begins with S and ends with s or e and has at least three characters.
10. Find all years that have a movie that received a rating of 4 or 5, and sort them in increasing order.
11. 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.
12. Write a query to return the ratings data in a more readable format: reviewer name, movie ID, stars, and ratingDate. Also, sort the data, first by reviewer name, then by movie ID, and lastly by number of stars.