Assignment: SQL #1
Getting Data out of the Database

For this assignment, you will be working with the same movie rental database as your in-class exercise (MovieDB). The schema is also the same, so you can use the one provided for the in-class exercise as a guide.

You will construct a SQL query that provides the answer to the questions on the next page. You should also provide the answer to the question. Some of the questions can be answered by querying one table; others will require joining multiple tables to get the answer.

Guidelines

• You must submit your answers electronically in a single Word document. You can copy and paste the SQL query and the results from SQL Workbench.
• You must include your name at the top of the document.
• Your answers should be emailed, as an attachment, to your instructor with the subject: 
  MIS2502: SQL Assignment #1
• The email must be sent by the start of class the day the assignment is due.

If you do not follow these instructions, your assignment will be counted late.

Evaluation

Your submission will be graded using two factors:

• A correctly formed SQL query that answers the question asked.
• Providing the correct answer to the question (the answer the query provides).

Questions

1. What is the rental rate and replacement cost for the film “Volume House”?

2. For how long can you rent the film “Knock Warlock”?

3. What are the most popular first names among the actors in the database?

4. Which movies are the most expensive to rent (on average) with regard to rating?

5. How many NC-17 movies mention a ‘scientist’ in their description?  
   (Hint: use WHERE...LIKE with a wildcard. Remember, %dog% will match any value containing “dog”)

6. Who were the stars of the movie “Shining Roses”?
7. What is the longest NC-17 movie in French? And how long is it?

8. Who has starred in movies in Japanese?
   (create a query to get them all, but only list the first five)

9. Who has rented the most movies? How many movies did they rent?

10. What was the shortest movie starring Joe Swank?