

# Sakila Database Homework Instructions

Your assignment is to use SQL Workbench and the Sakila database to answer the following questions. Follow the instructions below to connect to the database and complete your homework.

## 1. Getting Started

- Open SQL Workbench on your computer.
- Connect to the Sakila database using the credentials provided by your instructor.
- Make sure you are connected before starting your queries.

## 2. Homework Questions

- Which actors have the first name ‘Scarlett’?
- Which actors have the last name ‘Johansson’?
- How many distinct actors last names are there?
- Which last names are not repeated?
- Which last names appear more than once?
- Which actor has appeared in the most films?
- Is ‘Academy Dinosaur’ available for rent from Store 1?
- Insert a record to represent Mary Smith renting ‘Academy Dinosaur’ from Mike Hillyer at Store 1 today.
- When is ‘Academy Dinosaur’ due?
- What is the average running time of all the films in the Sakila DB?
- What is the average running time of films by category?
- Why does this query return the empty set?

## 3. Instructions

- Write SQL queries in SQL Workbench to answer each question.
- Test your queries to ensure they return the expected results.
- Save your queries and results for submission, as required by your instructor.
- If you encounter issues, review your SQL syntax and check table/column names in the Sakila database.

## 4. Saving Your Work

- For each question, save your SQL query in a separate file.
- Name your files according to the question number, using the format: 1\_answer.sql for Question 1, 2\_answer.sql for Question 2, etc.
- Make sure each .sql file contains only the query for its respective question.
- Submit all your .sql files as instructed by your teacher.

Good luck! Use your SQL skills to investigate, analyze, and answer each question thoroughly.