Session 25 Assignment

Use the Sakila schema, which can be found in following link (to be installed in your local system)
http://dev.mysql.com/doc/index-other.html("sakila database")
http://dev.mysql.com/doc/sakila/en/sakila.html(for full documentation)

Requirements

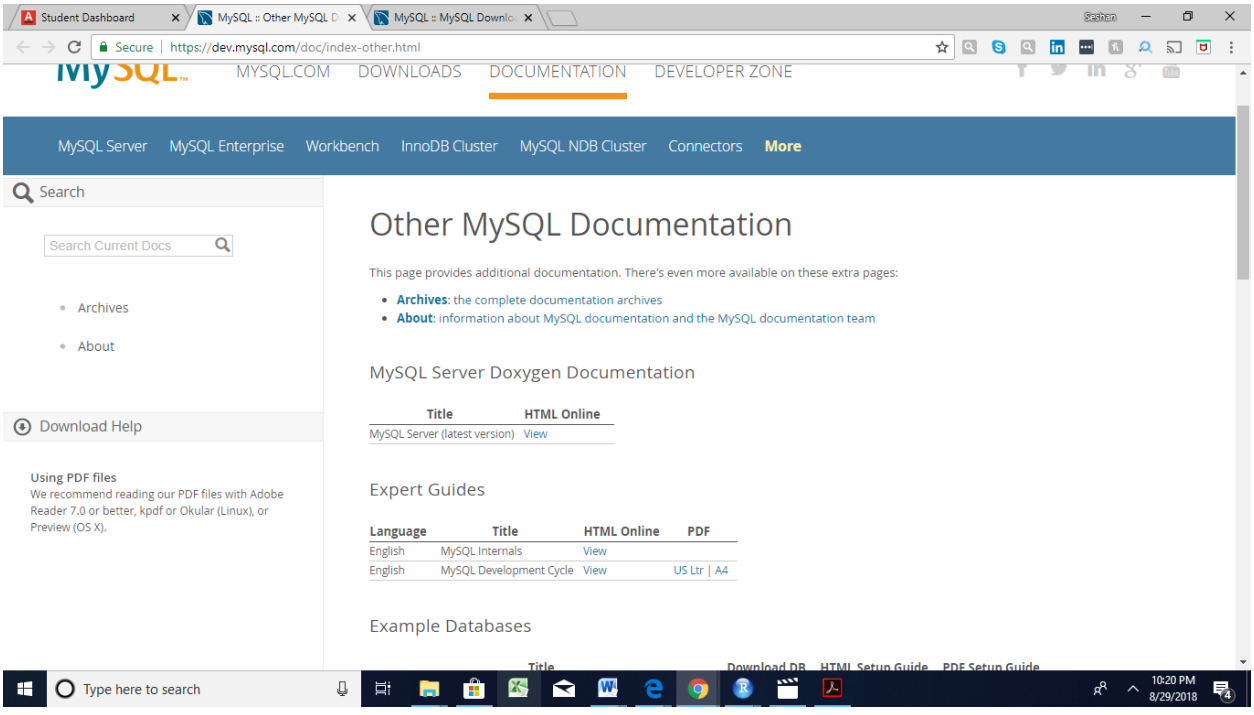
For each question, you are required to provide the following:
- The SQL query you used
- The answers
- Any assumptions you made

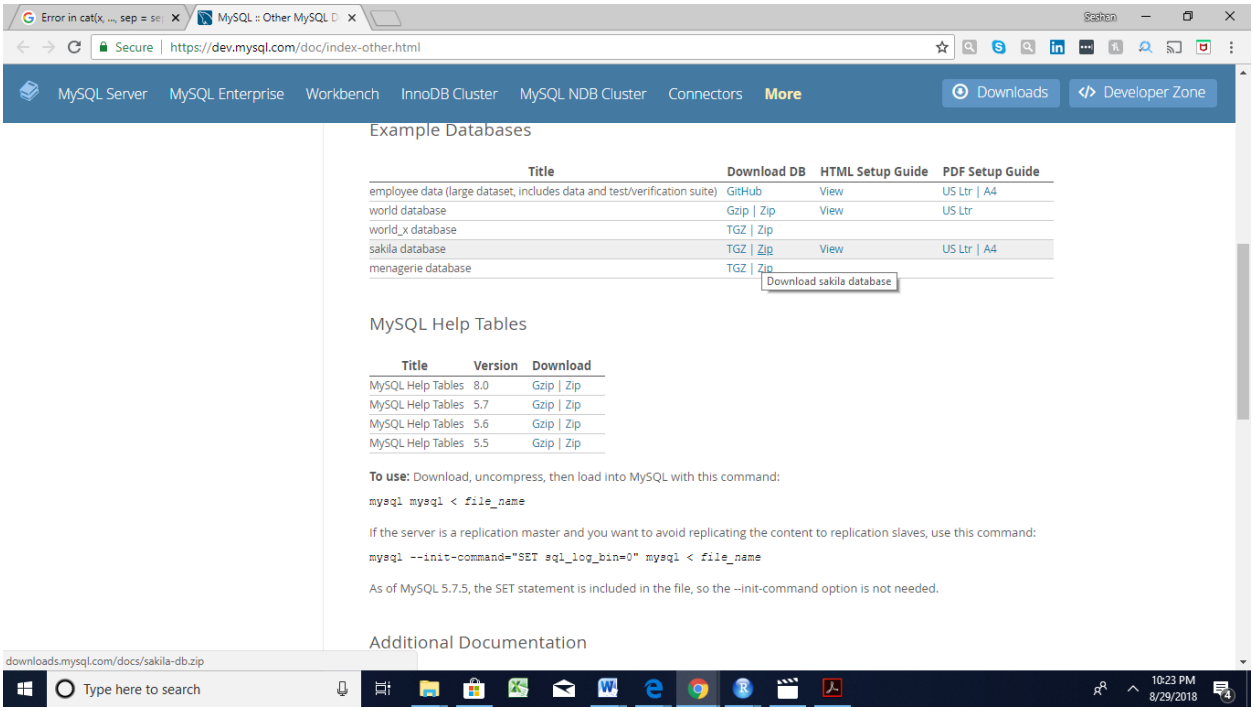
Problem Statement

Set up/Install the database sakila.

The database will be used for next MySQL Assignments as well.

Refer the Links given above for help in setting up the database.




Error in cat(x, ..., sep = se
MySQL :: Other MySQL D
Secure | https://dev.mysql.com/doc/index-other.html
MySQL Server
MySQL Enterprise
Workbench
InnoDB Cluster
MySQL NDB Cluster
Connectors
More
Downloads
Developer Zone
Example Databases
Title
Download DB
HTML Setup Guide
PDF Setup Guide
employee data (large dataset, includes data and test/verification suite)
GitHub
View
US Ltr | A4
world database
Gzip | Zip
View
US Ltr
world_x database
TGZ | Zip
sakila database
TGZ | Zip
View
US Ltr | A4
menagerie database
TGZ | Zip
Download sakila database
MySQL Help Tables
Title
Version
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Gzip | Zip
MySQL Help Tables
5.7
Gzip | Zip
MySQL Help Tables
5.6
Gzip | Zip
MySQL Help Tables
5.5
Gzip | Zip
To use: Download, uncompress, then load into MySQL with this command:
mysql mysql < file_name
If the server is a replication master and you want to avoid replicating the content to replication slaves, use this command:
mysql --init-command="SET sql_log_bin=0" mysql < file_name
As of MySQL 5.7.5, the SET statement is included in the file, so the --init-command option is not needed.
Additional Documentation
downloads.mysql.com/docs/sakila-db.zip
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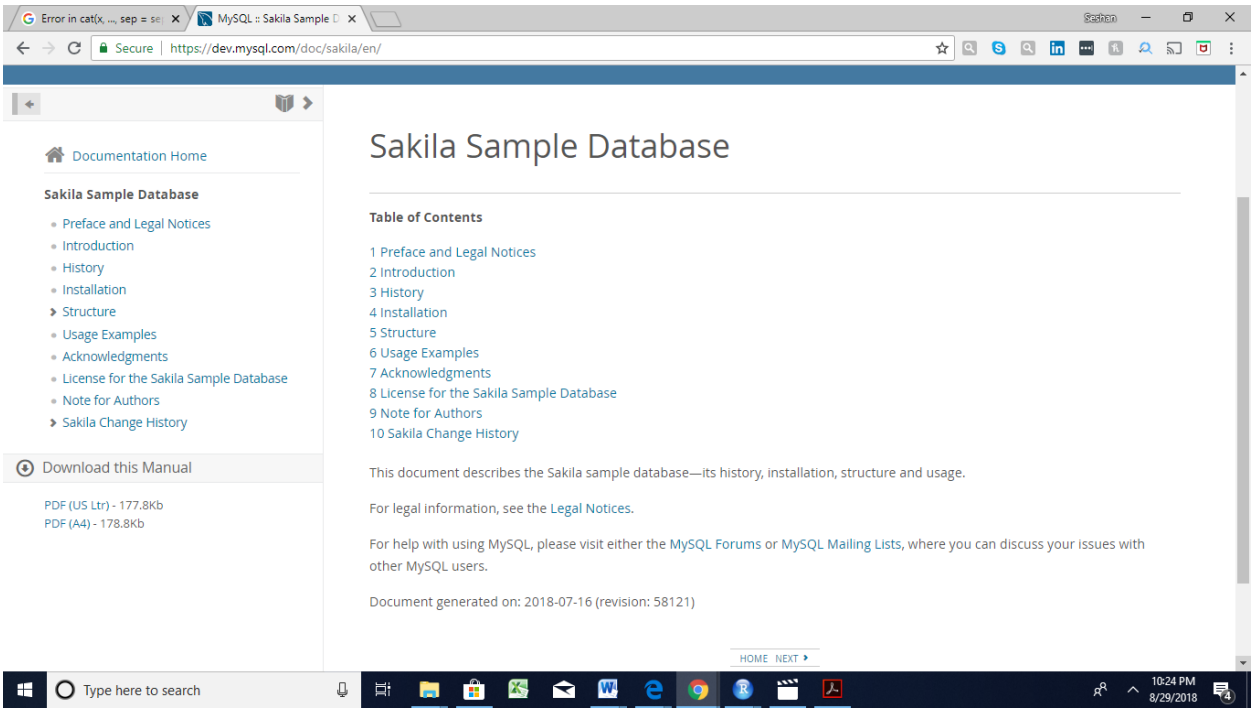
Error in cat(x, ..., sep = se
MySQL :: Sakila Sample D
Secure | https://dev.mysql.com/doc/sakila/en/
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PDF (A4) - 178.8Kb
Sakila Sample Database
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This document describes the Sakila sample database—its history, installation, structure and usage.
For legal information, see the Legal Notices.
For help with using MySQL, please visit either the MySQL Forums or MySQL Mailing Lists, where you can discuss your issues with other MySQL users.
Document generated on: 2018-07-16 (revision: 58121)
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Installation

The Sakila sample database is available from http://dev.mysql.com/doc/index-other.html. A downloadable archive is available in compressed tar file or Zip format. The archive contains three files: sakila-schema.sql, sakila-data.sql, and sakila.mwb.

The sakila-schema.sql file contains all the CREATE statements required to create the structure of the Sakila database including tables, views, stored procedures, and triggers.

The sakila-data.sql file contains the INSERT statements required to populate the structure created by the sakila-schema.sqlfile, along with definitions for triggers that must be created after the initial data load.

The sakila.mwb file is a MySQL Workbench data model that you can open within MySQL Workbench to examine the database structure..

To install the Sakila sample database, follow these steps:

1)Extract the installation archive to a temporary location such as C:\temp\ or /tmp/. When you unpack the archive, it creates a directory named sakila-db that contains the sakila-schema.sql and sakila-data.sql files.

2)Connect to the MySQL server using the mysql command-line client with the following command:

shell> mysql -u root -p

3)Enter your password when prompted. A non-root account can be used as long as the account has privileges to create new databases.

4)Execute the sakila-schema.sql script to create the database structure by using the following command:

mysql> SOURCE C:/temp/sakila-db/sakila-schema.sql;

5)Replace C:/temp/sakila-db with the path to the sakila-schema.sql file on your system.

Note

On Windows, use slashes, rather than backslashes, when executing the SOURCE command.

Execute the sakila-data.sql script to populate the database structure with the following command:

mysql> SOURCE C:/temp/sakila-db/sakila-data.sql;

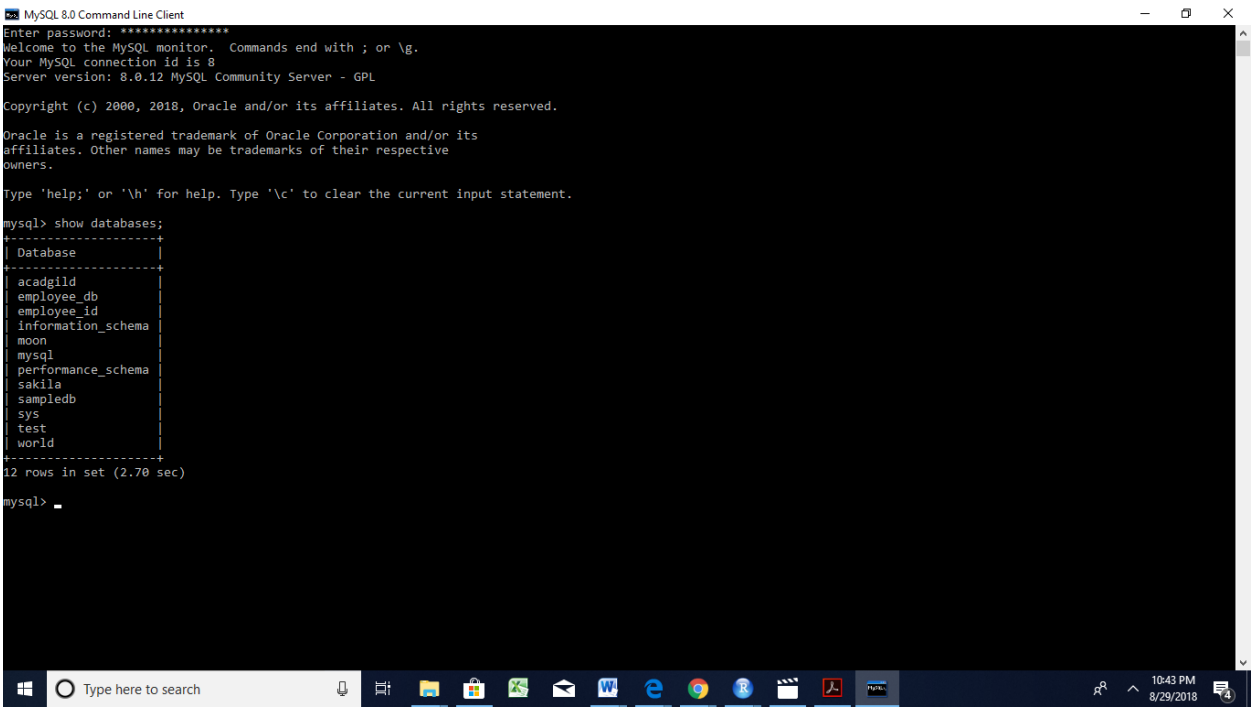
6)Replace C:/temp/sakila-db with the path to the sakila-data.sql file on your system.

Confirm that the sample database is installed correctly. Execute the following statements. You should see output similar to that shown here.

USE sakila;

Database changed

SHOW TABLES;


MySQL 8.0 Command Line Client
Enter password: **********
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.12 MySQL Community Server - GPL
Copyright (c) 2000, 2018, Oracle and/or its affiliates. All rights reserved.
Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> show databases;
+--------------------+
| Database |
+--------------------+
| acadgild |
| employee_db |
| employee_id |
| information_schema |
| moon |
| mysql |
| performance_schema |
| sakila |
| sampledb |
| sys |
| test |
| world |
+--------------------+
12 rows in set (2.70 sec)
mysql>
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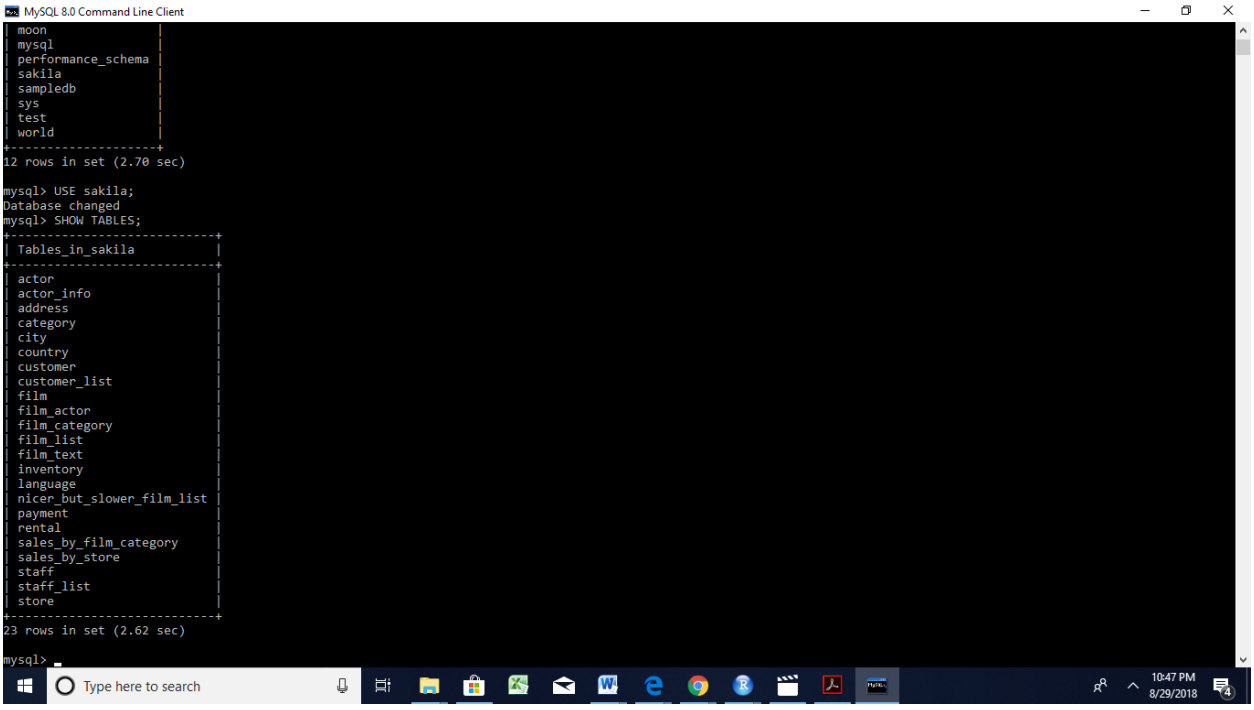
MySQL 8.0 Command Line Client
| moon |
| mysql |
| performance_schema |
| sakila |
| sampledb |
| sys |
| test |
| world |
+--------------------+
12 rows in set (2.70 sec)
mysql> USE sakila;
Database changed
mysql> SHOW TABLES;
+----------------------------+
| Tables_in_sakila |
+----------------------------+
| actor |
| actor_info |
| address |
| category |
| city |
| country |
| customer |
| customer_list |
| film |
| film_actor |
| film_category |
| film_list |
| film_text |
| inventory |
| language |
| nicer_but_slower_film_list |
| payment |
| rental |
| sales_by_film_category |
| sales_by_store |
| staff |
| staff_list |
| store |
+----------------------------+
23 rows in set (2.62 sec)
mysql>
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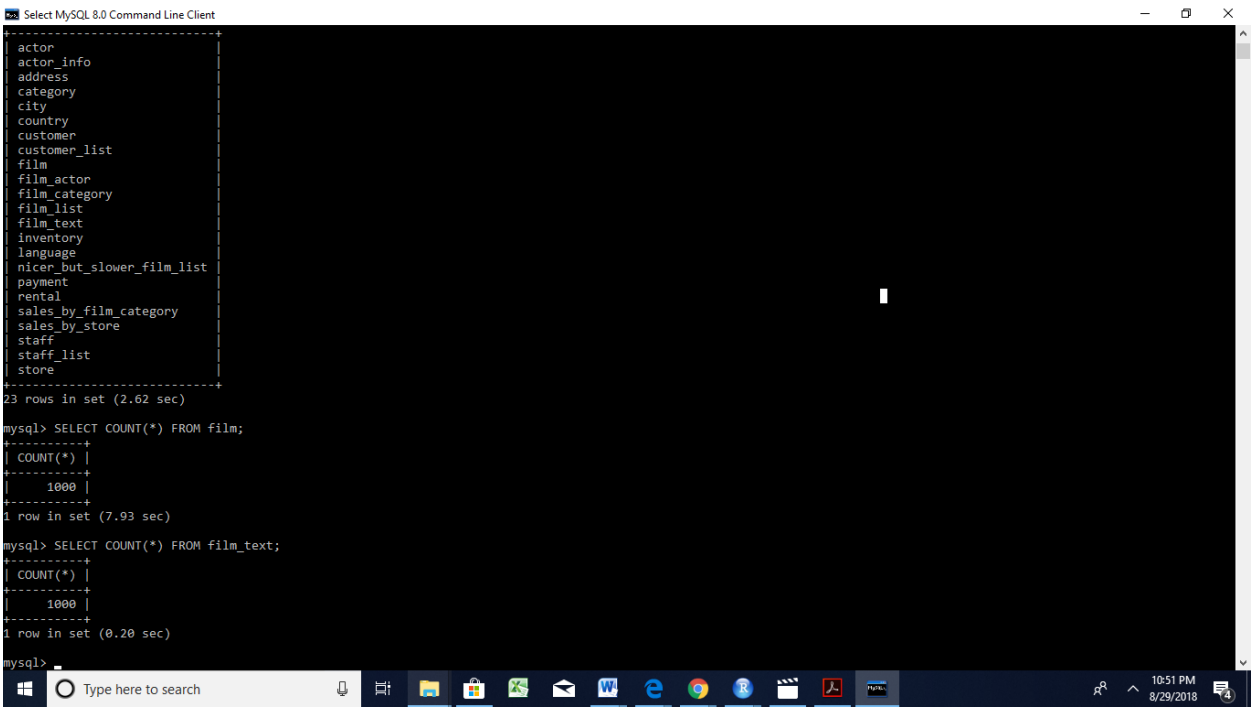
Select MySQL 8.0 Command Line Client
+----------------------------+
| actor |
| actor_info |
| address |
| category |
| city |
| country |
| customer |
| customer_list |
| film |
| film_actor |
| film_category |
| film_list |
| film_text |
| inventory |
| language |
| nicer_but_slower_film_list |
| payment |
| rental |
| sales_by_film_category |
| sales_by_store |
| staff |
| staff_list |
| store |
+----------------------------+
23 rows in set (2.62 sec)
mysql> SELECT COUNT(*) FROM film;
+----------+
| COUNT(*) |
+----------+
| 1000 |
+----------+
1 row in set (7.93 sec)
mysql> SELECT COUNT(*) FROM film_text;
+----------+
| COUNT(*) |
+----------+
| 1000 |
+----------+
1 row in set (0.20 sec)
mysql>
Type here to search
10:51 PM
8/29/2018