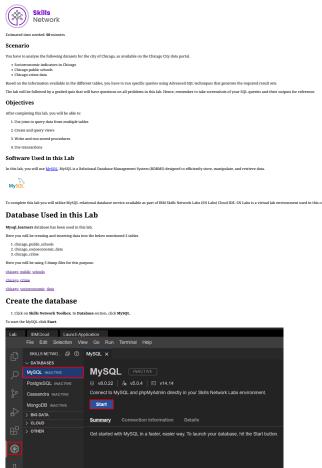
Final Project: Advanced SQL Techniques

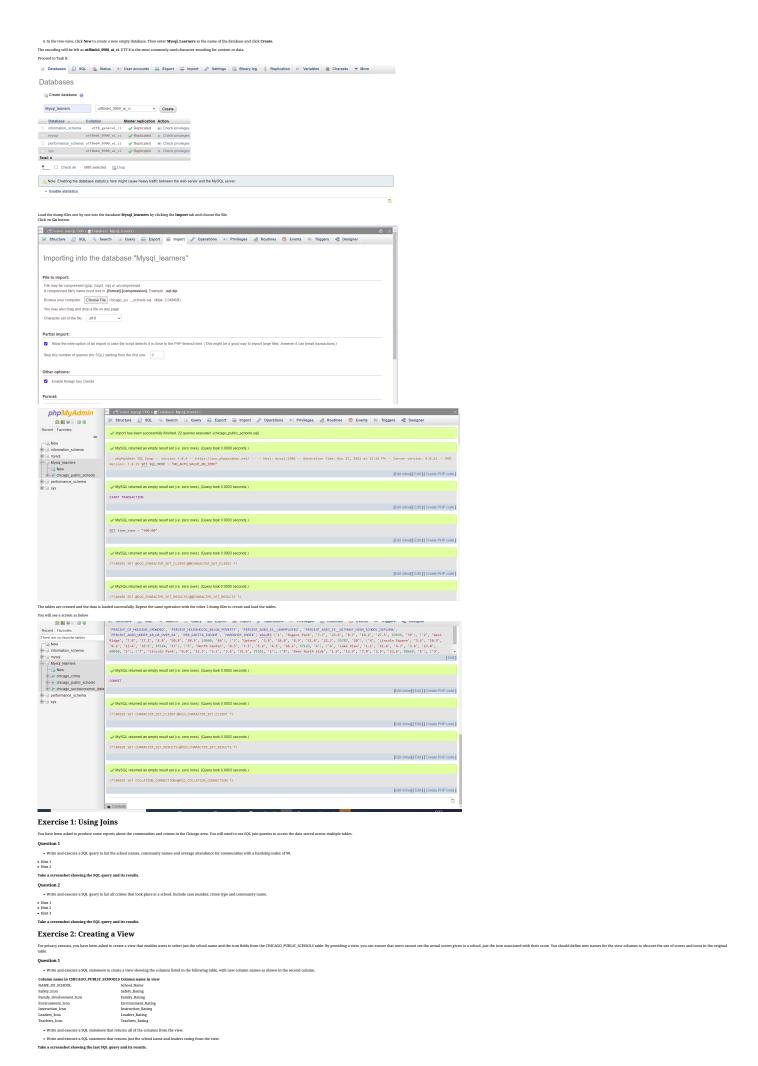


IBMCloud Launch Application
File Edit Selection View Go Run Terminal Help MySQL ACTIVE ⋈ v8.0.22 | & v5.0.4 | □ v14.14
 Connect to MySQL and phpMyAdmin direct Your database and phpMyAdmin server are now ready to use and available with the following login cre details on how to navigate MySQL, please check out the Details section.

 \leftarrow \rightarrow ${f C}$ ${f \hat G}$ ${f \hat G}$ sandipsahajo-8080.theiadocker-27.proxy.cognitiveclass.ai phpMyAdmin ← 🧊 Server: mysql:3306 Databases
 SQL
 Status
 User accounts
 Export
 Import
 Settings
 Binary log
 Replication
 Variables
 Charsets
 Engines
 Pagines Recent Favorites New information_schema Server: mysql via TCP/IP Server connection collation:

utf8mb4_unicode_ci More settings mysql
performance_schema Server connection: SSL is not being used Server version: 8.0.22 - MvSQL Community Server - GPL sakila Protocol version: 10 sys • User: root@172.18.0.2 · Server charset: UTF-8 Unicode (utf8mb4) ⊕ Theme: pmahomme
 ✓ · Apache/2.4.38 (Debian) Database client version: libmysgl - mysglnd 7.4.15 PHP extension: mysqli o curl mbstring mbstring o • PHP version: 7.4.15 Version information: 5.0.4, latest stable version: 5.1.0 Documentation Official Homepage Contribute · List of changes • License

11/06/24, 12:56 1 of 3



2 of 3 11/06/24, 12:56

Exercise 3: Creating a Stored Procedure

Write the structure of a query to create or replace a stored procedure called UPDATE_LEADERS_SCORE that takes a in_School_ID parameter as an integer and a in_Leader_Score parameter as an integer.

Question 3

Inside your stored procedure, write a SQL IF statement to update the Leaders. Joon field in the CHICAGO, PUBLIC, SCHOOLS table for the school identified by in School, ID using the following information.

► Hint 1 ► Hint 2

Rinu your code to create the stored procedure.
 Take a screenabot showing the SQL query and its results.
 Write a query to call the stored procedure, passing a valid school ID and a leader score of 50, to check that the procedure works as expected.

Exercise 4: Using Transactions

Question 2

Take a screenshot showing the SQL query.

*Bun your code to replace the stored procedure.
 Write and run one query to check that the updated stored procedure works as expected when you use a valid score of 38.
 Write and run another query to check that the updated stored procedure works as expected when you use a nivalid score of 101.

Conclusion

Author(s)

Additional Contributor

Changelog

© IBM Corporation 2023. All rights reserved.

3 of 3 11/06/24, 12:56