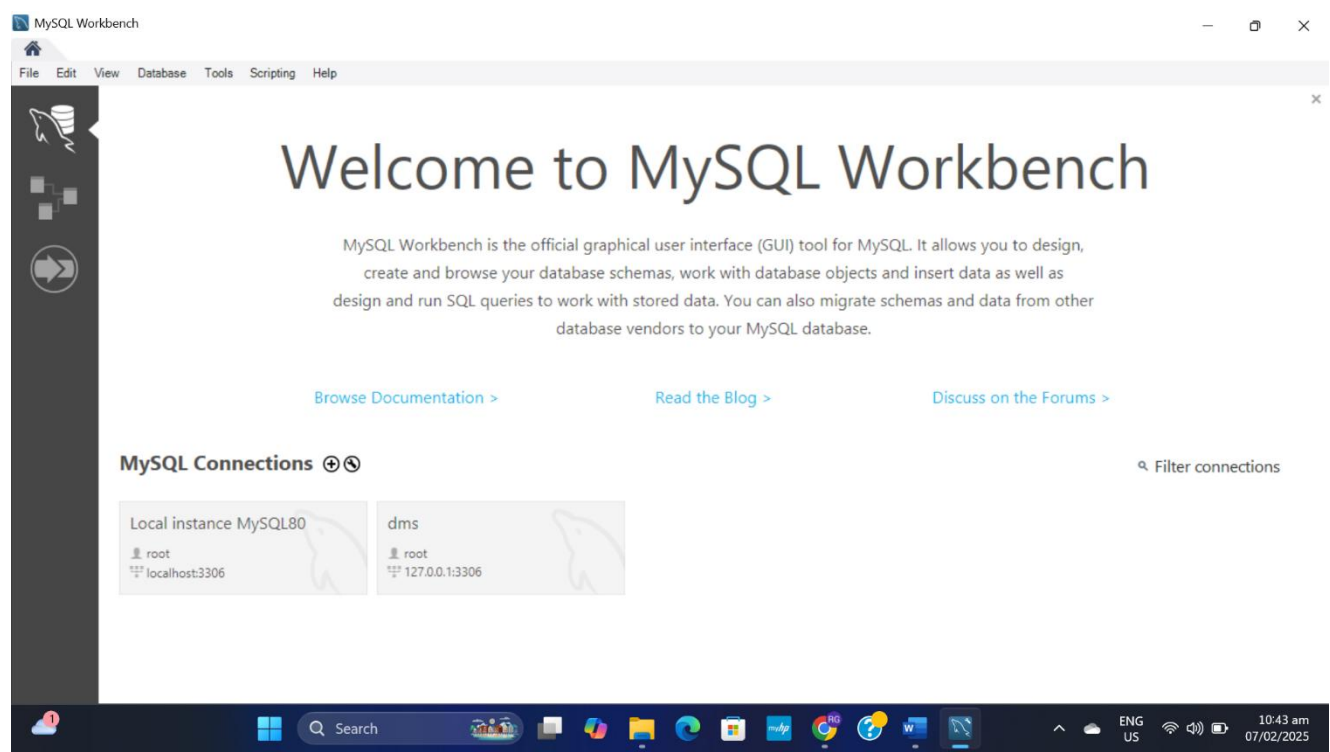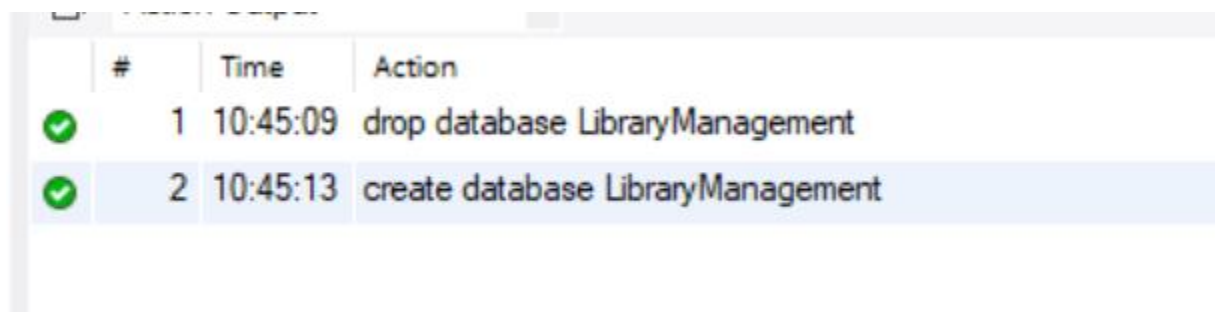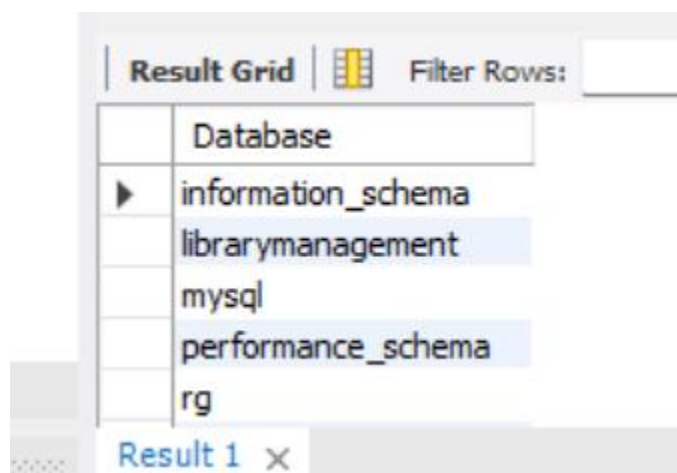**Laboratory Activity 1**: Installing MySQL and Setting Up the Database

create database LibraryManagement;

show databases;

Why is MySQL popular for DBMS?

     MySQL is a popular Database Management System (DBMS) due to its unique combination of ease of use, high performance, scalability, affordability, and extensive community support.

What are the advantages of using MySQL for a library management system?

     MySQL offers a scalable, secure, and cost-effective solution for library management systems, efficiently storing and retrieving data, and supporting complex queries and reporting.

Conclusion: I successfully installed MySQL, set up a LibraryManagement database, and verified its creation, laying the groundwork for further database development, including table creation and relationship establishment.