Installation and Setup

Learning Objectives

By the end of this lesson, you will be able to:

- Download MySQL Community

- Install MySQL Workbench and Server

- Download a sample MySQL database

- Load data into MySQL Workbench

Downloading MySQL Community

MySQL Community Download

MySQL is an open-source database management system available at MySQL's official website.

MySQL Community Download

In the *installer* page, you have the option to download an online or offline setup file.
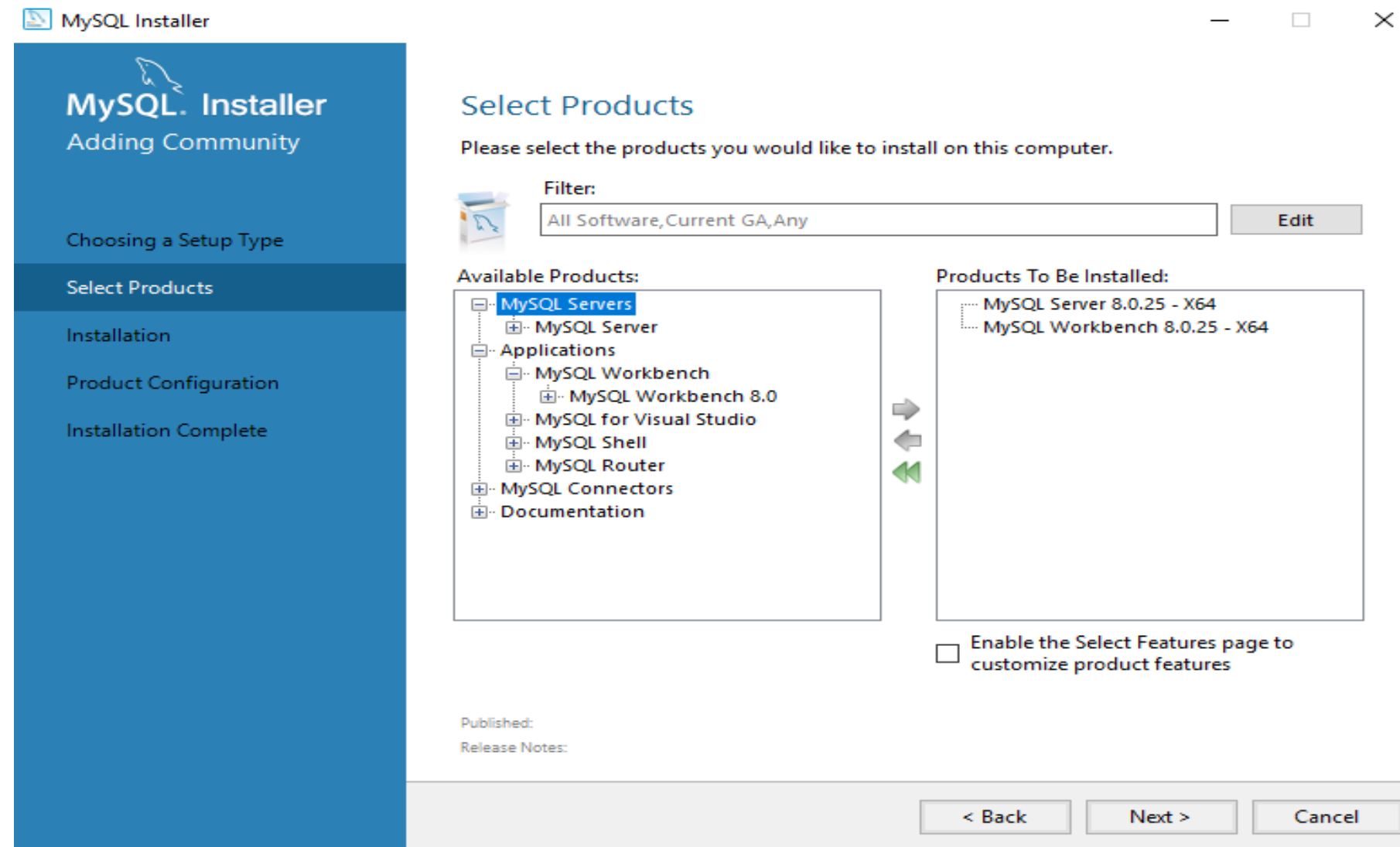
Installing MySQL Workbench and Server

MySQL Workbench and Server

In the **Choosing a Setup Type** screen, select **Custom** option to choose the features to be installed.
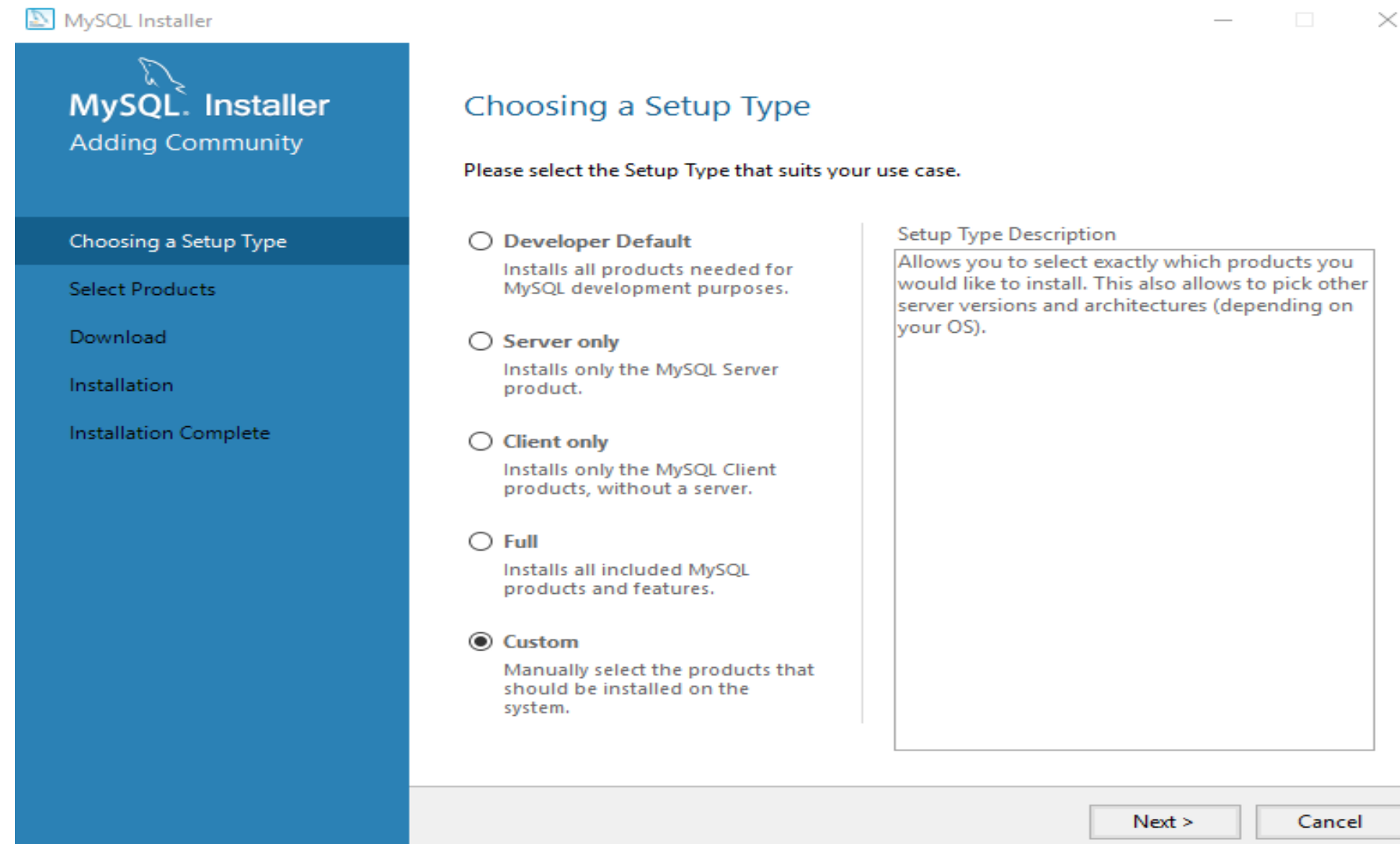
MySQL Workbench and Server

In the **Select Products and Features** screen, select the latest version of MySQL **Server** by expanding **MySQL Servers** and the latest version of **Workbench** by expanding **Applications**.
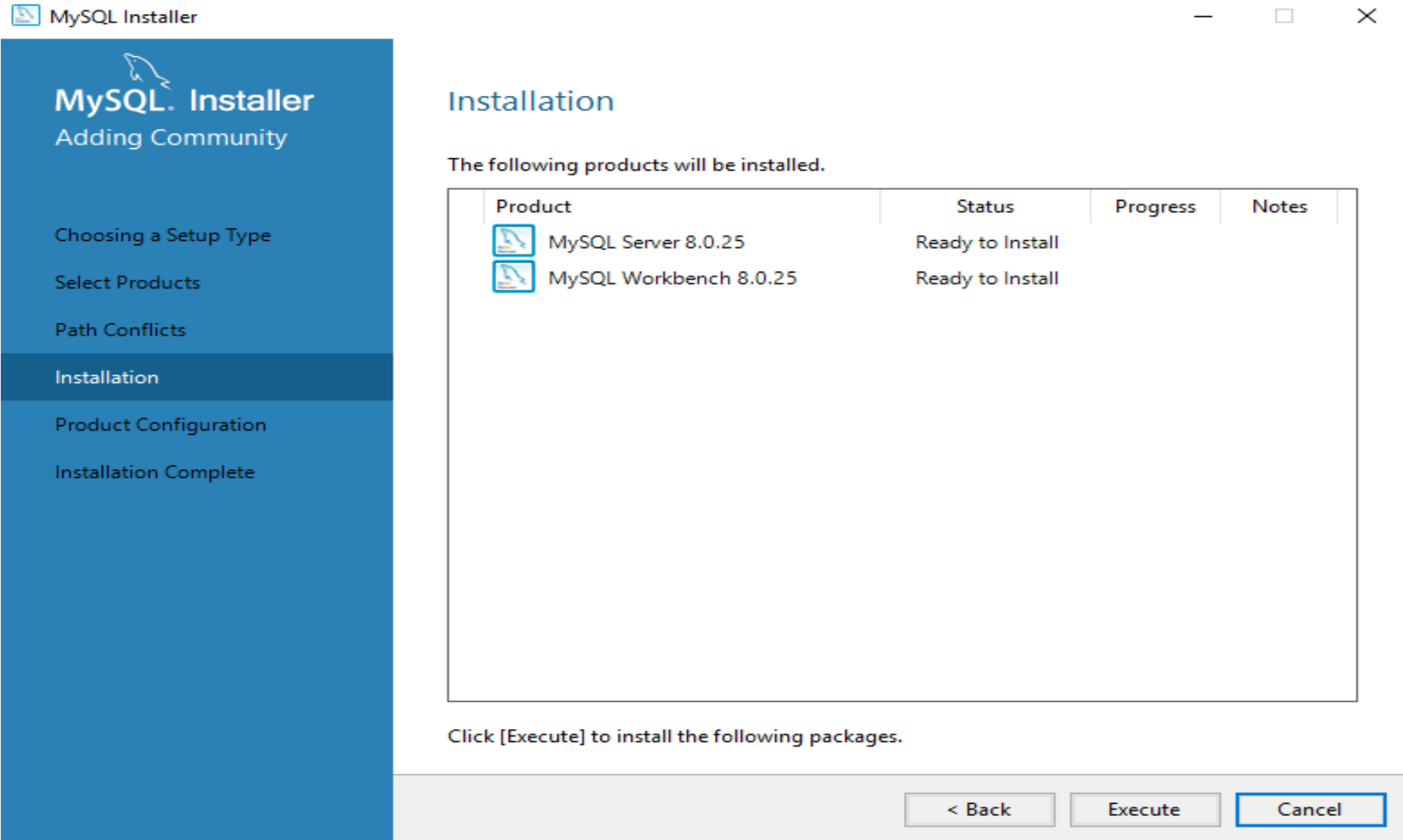
MySQL Workbench and Server

In the **Check Requirements** screen, agree to install the requirements for the installation of the selected products.
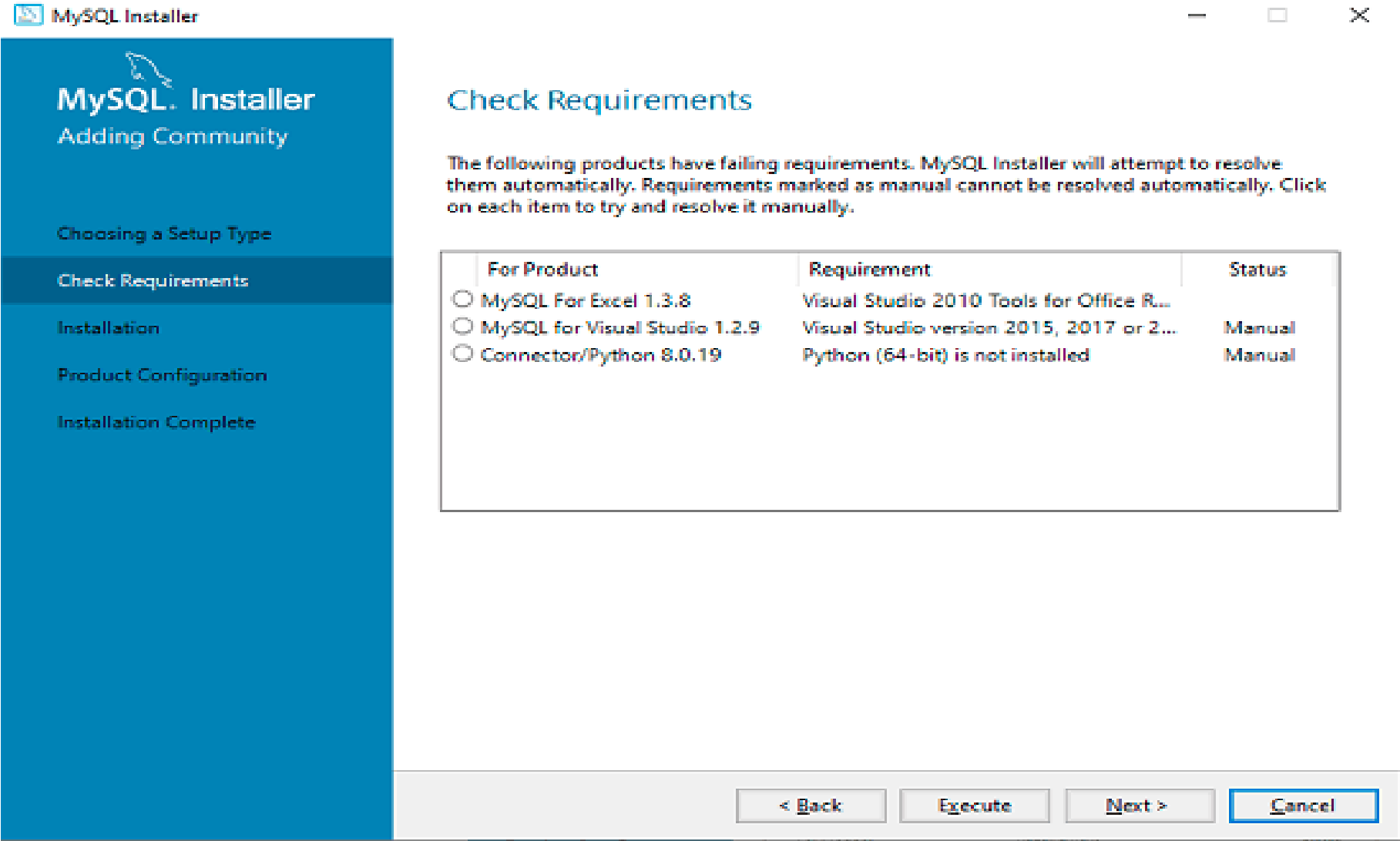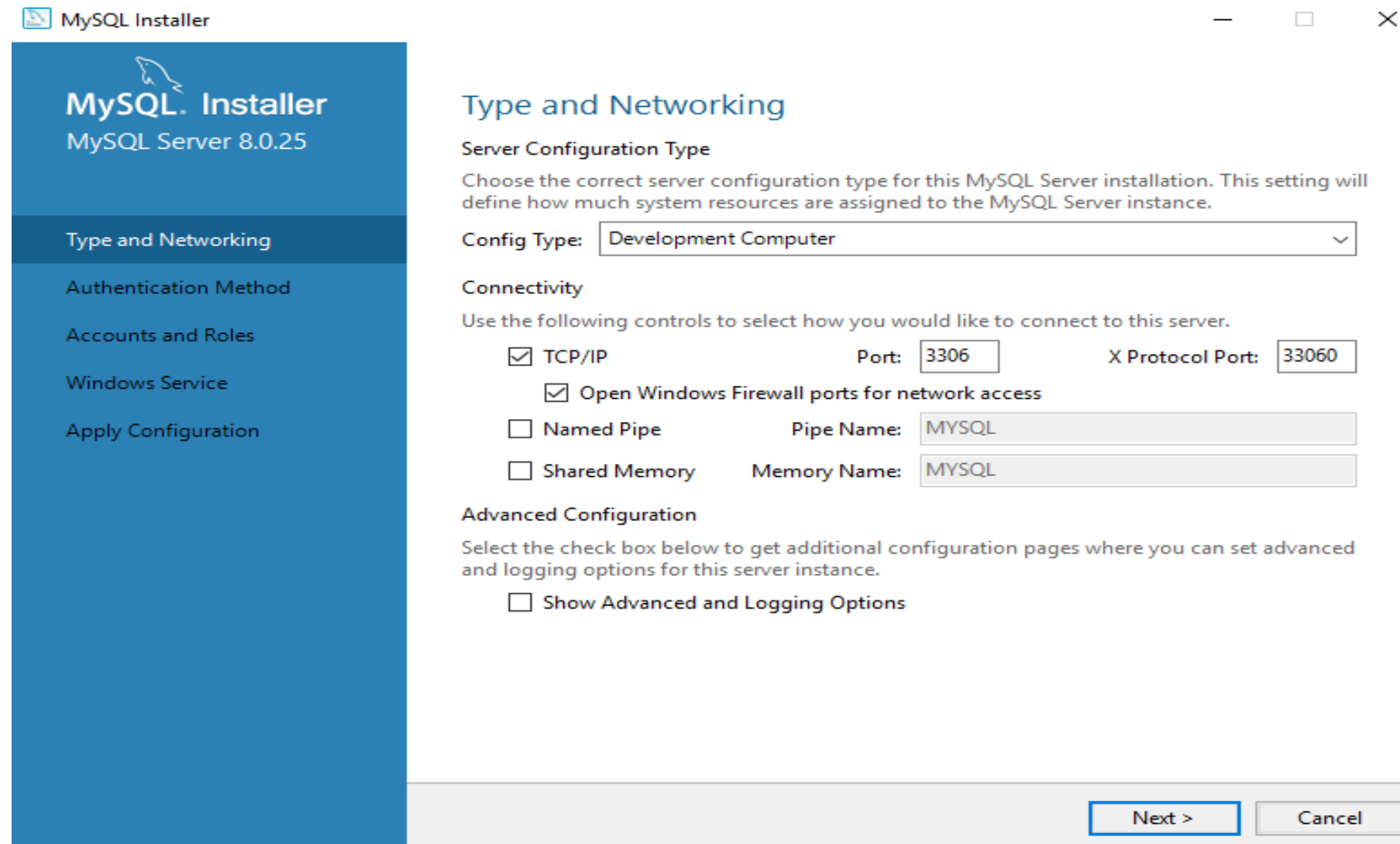
MySQL Workbench and Server

Now, click on **Execute** to begin the installation process of the **Workbench** and **Server**.

MySQL Workbench and Server

Next, in the **Server Installation** window, continue with the default settings.
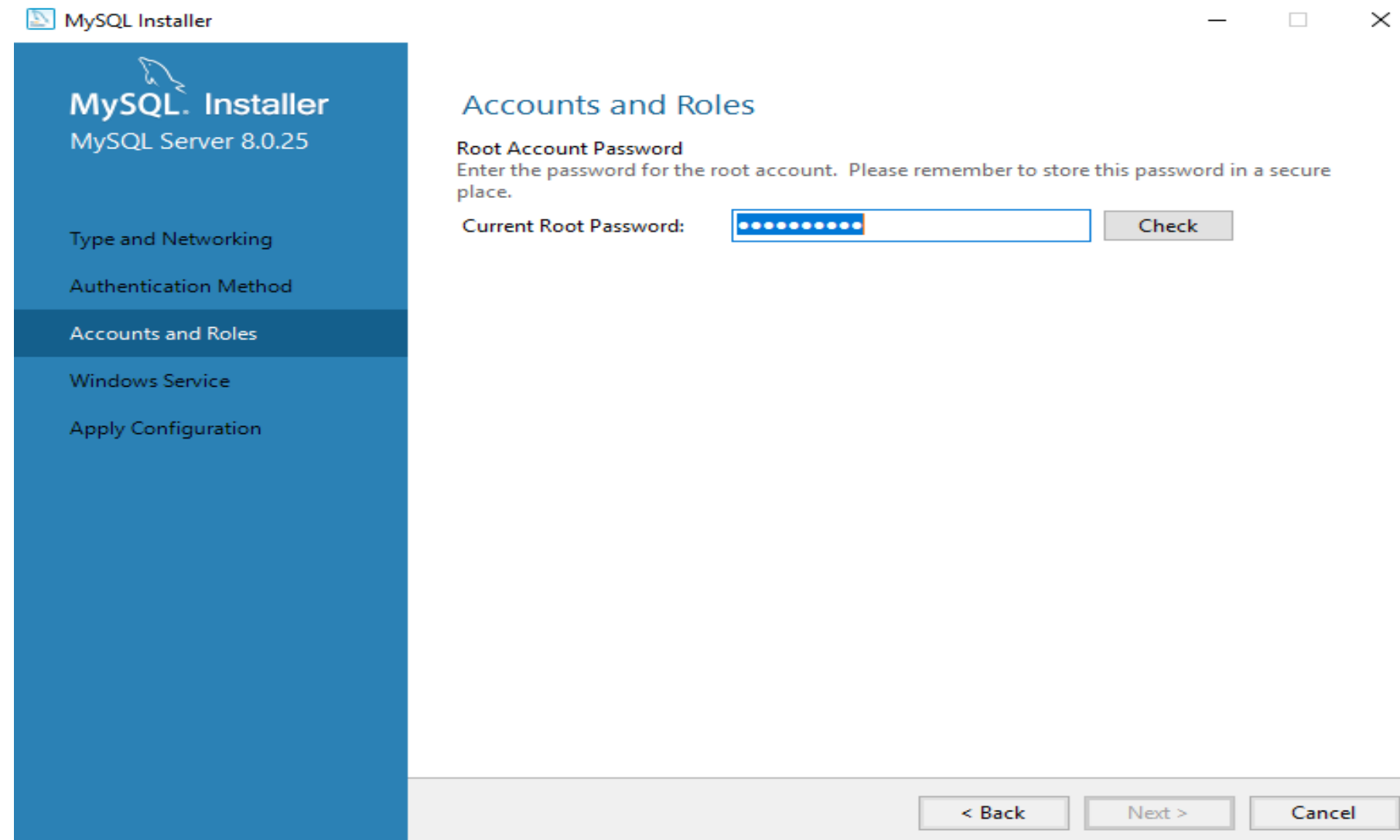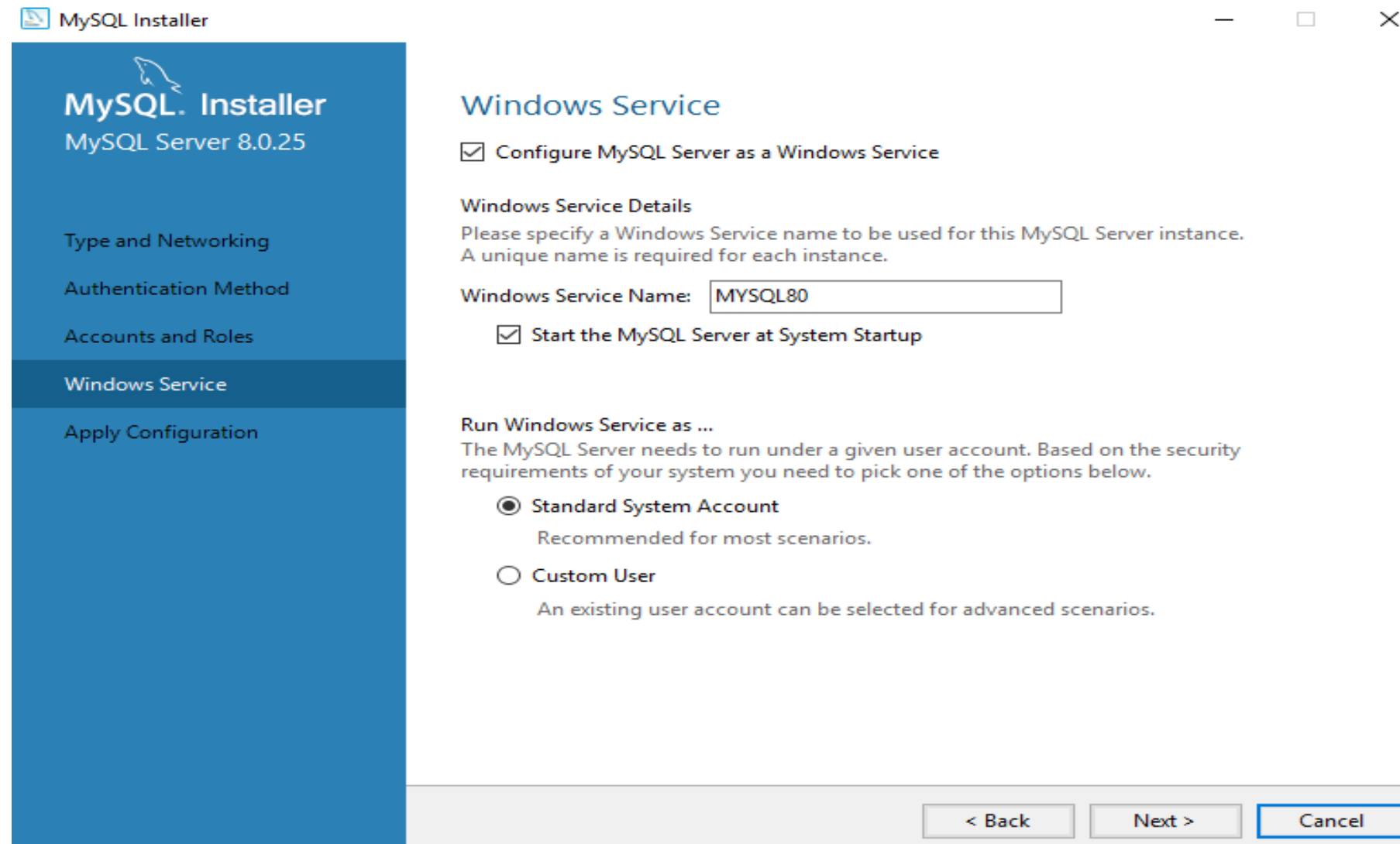
MySQL Workbench and Server

In the **Accounts and Roles** screen, set the MySQL root account password.

MySQL Workbench and Server

Continue with the default settings. In the **Windows Service** screen, make sure that you check the **Start MySQL Server at System Startup** checkbox.
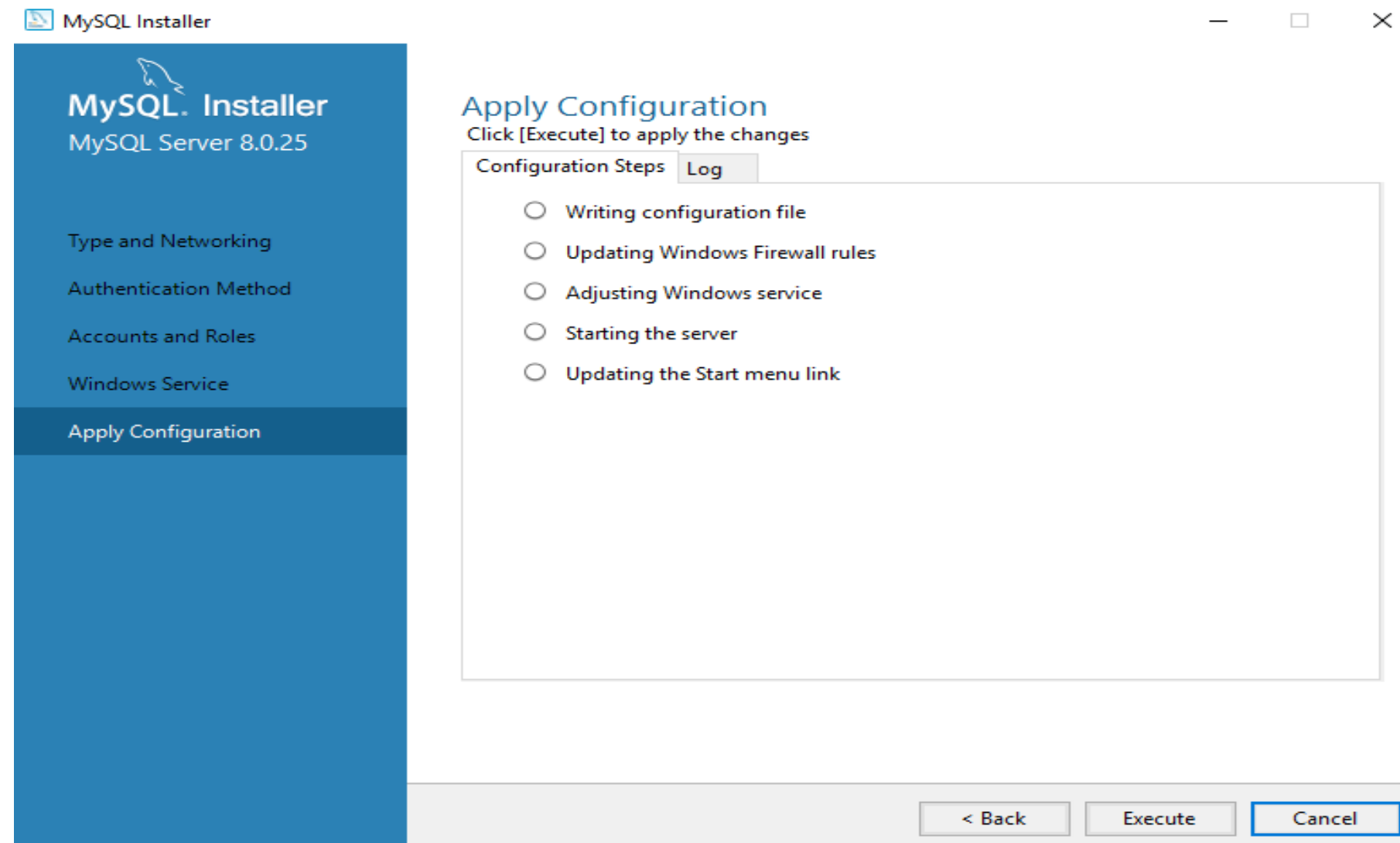
MySQL Workbench and Server

Click **Execute** in the **Apply Configuration** screen to complete the installation process.

MySQL Workbench and Server

Once you click **Finish**, the **MySQL Workbench** will automatically start.
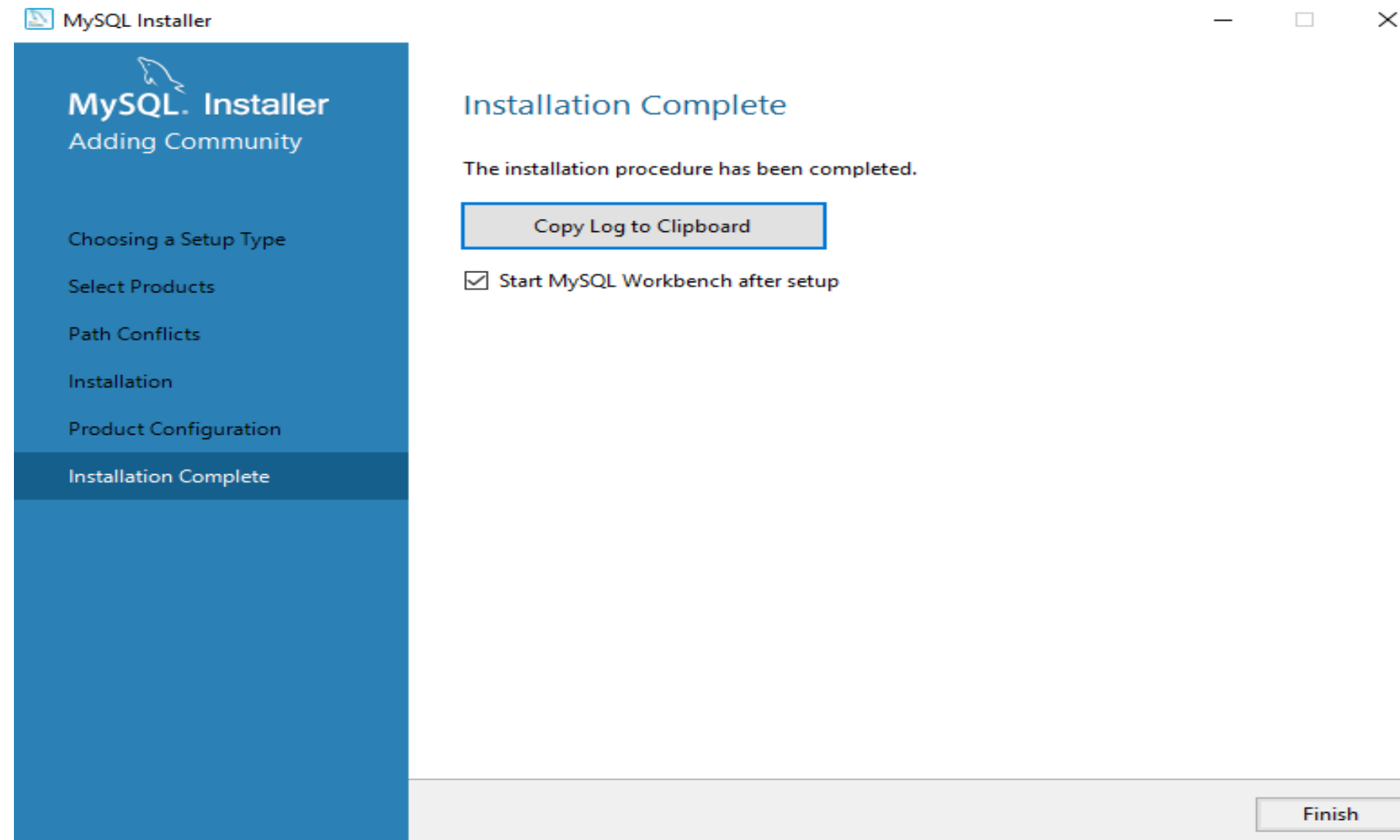
Connecting to MySQL Server

MySQL Server

A connection with MySQL server will be automatically set up after the installation.

MySQL Connections ⊕ ⊘

Local instance MySQL80

👤 root

localhost:3306

Problem Statement: You are required to download the given sample database file and load the same in the MySQL Workbench.

Steps to be performed:

1. Download the sample database from the course resources section of the LMS.
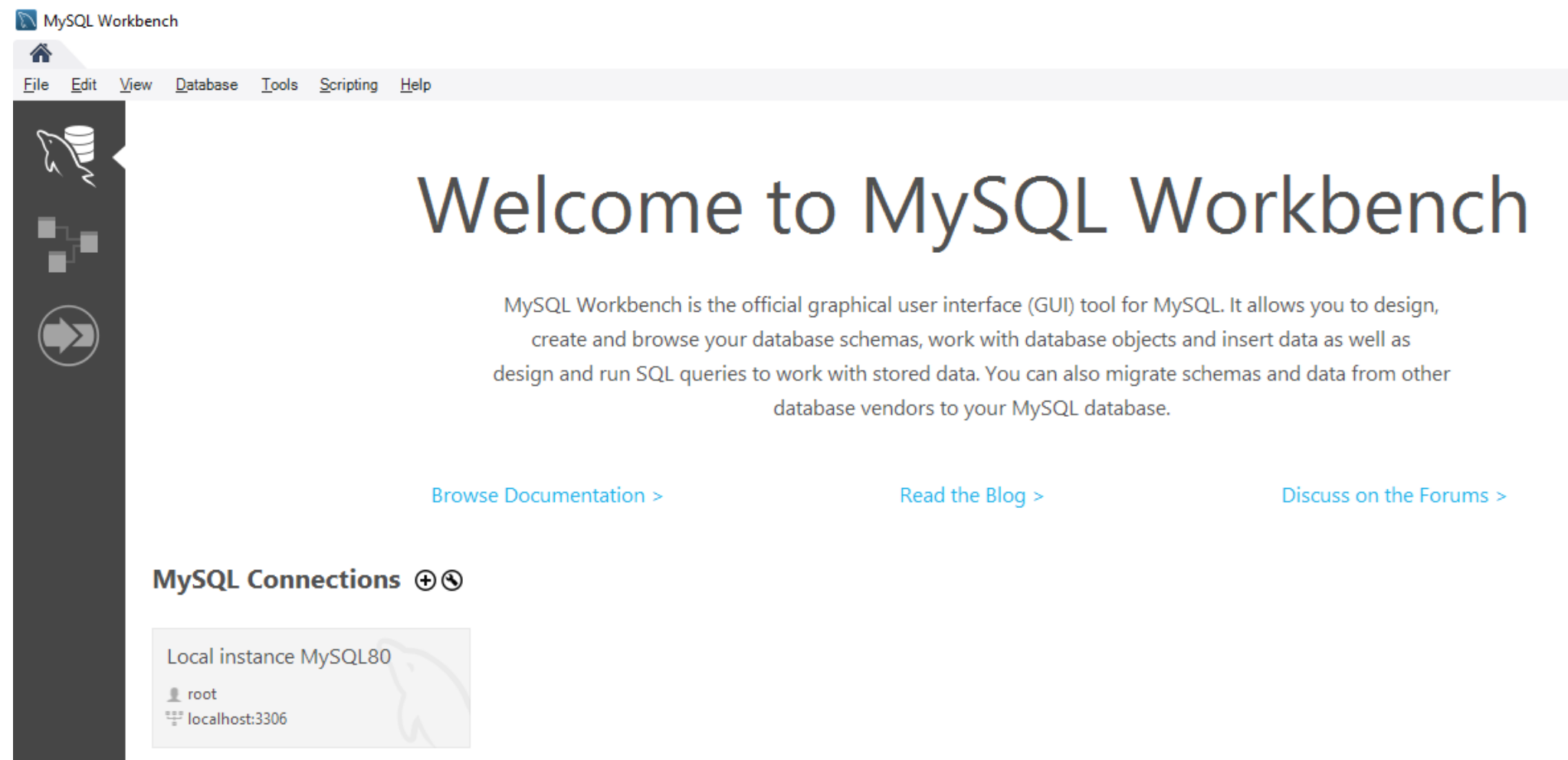
Course Resources

Course Materials

Datasets

Assisted Practice: Loading a Sample Database

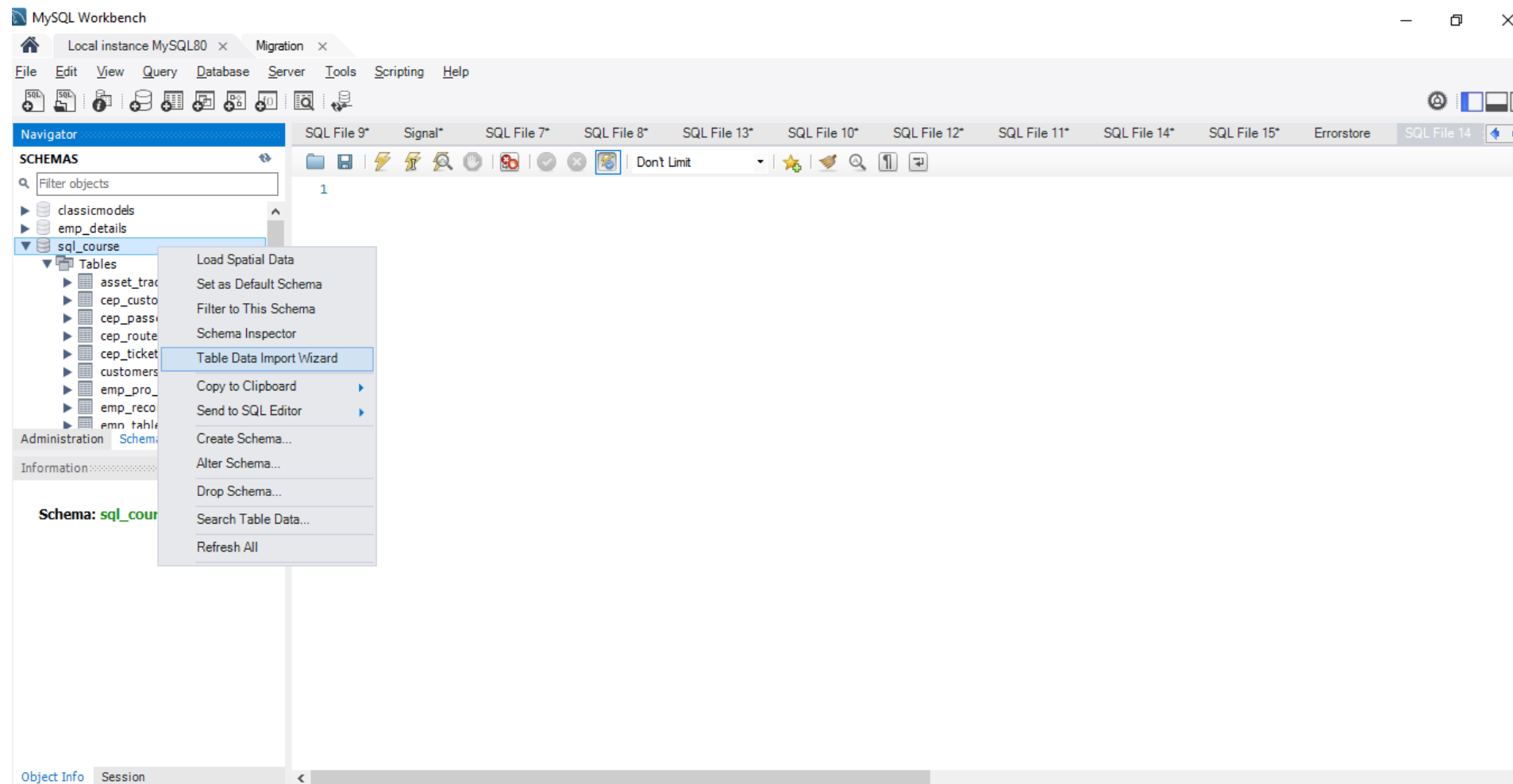**Steps to be performed:**

2. Launch your MySQL Workbench.

Assisted Practice: Loading a Sample Database

Steps to be performed:

3. Load the downloaded database.

Key Takeaways

- MySQL is an open-source database system.

- You can download either an online or offline installer.

- MySQL Workbench and Server are required to execute SQL commands.

- A MySQL Server connection is automatically created during installation.

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