Classroom Manager

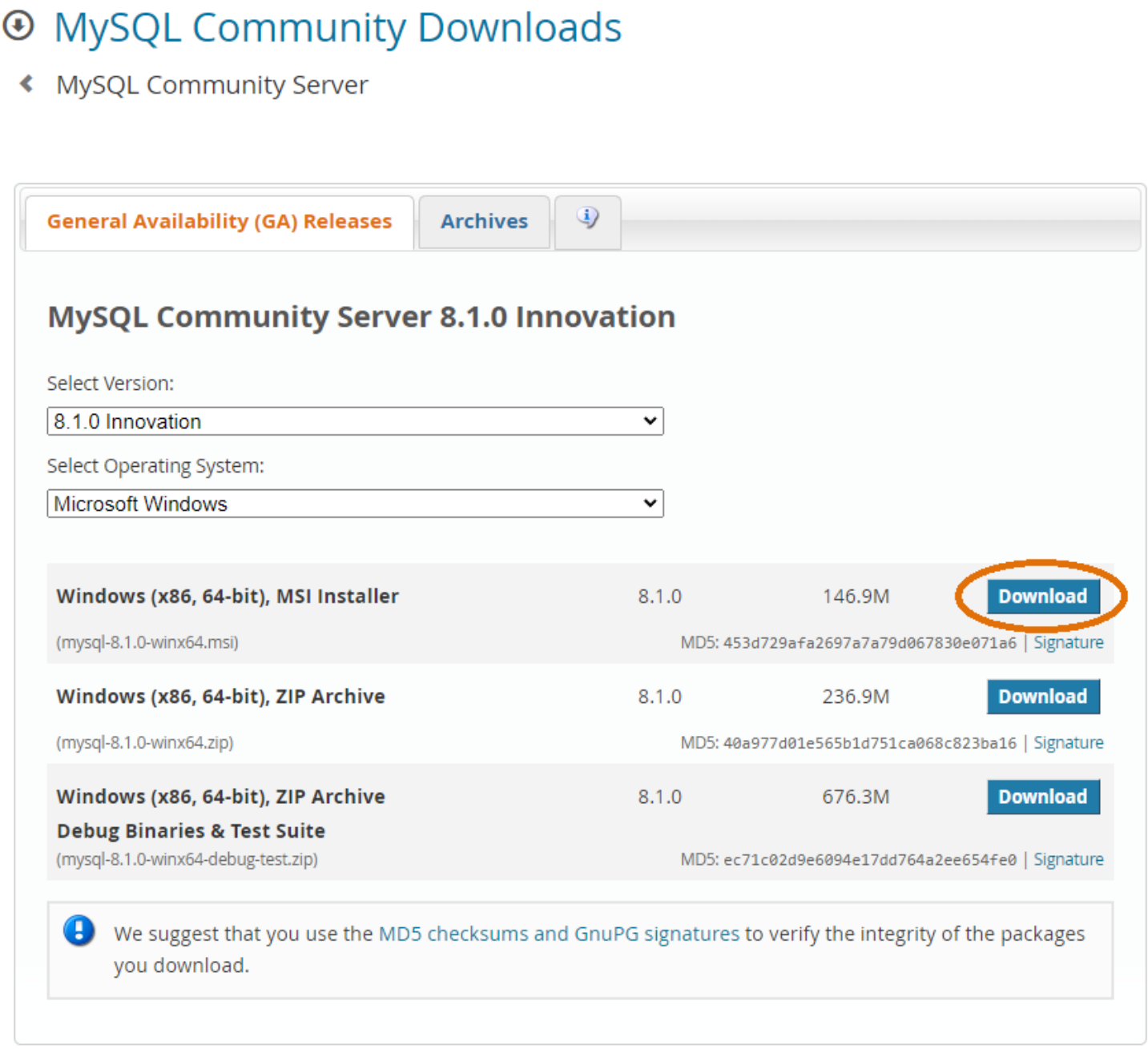
Windows Installation Guide

MySQL

MySQL is the database used to hold student information, contact information, attendance logs, and configurations. This section outlines how to download, install, and configure MySQL.

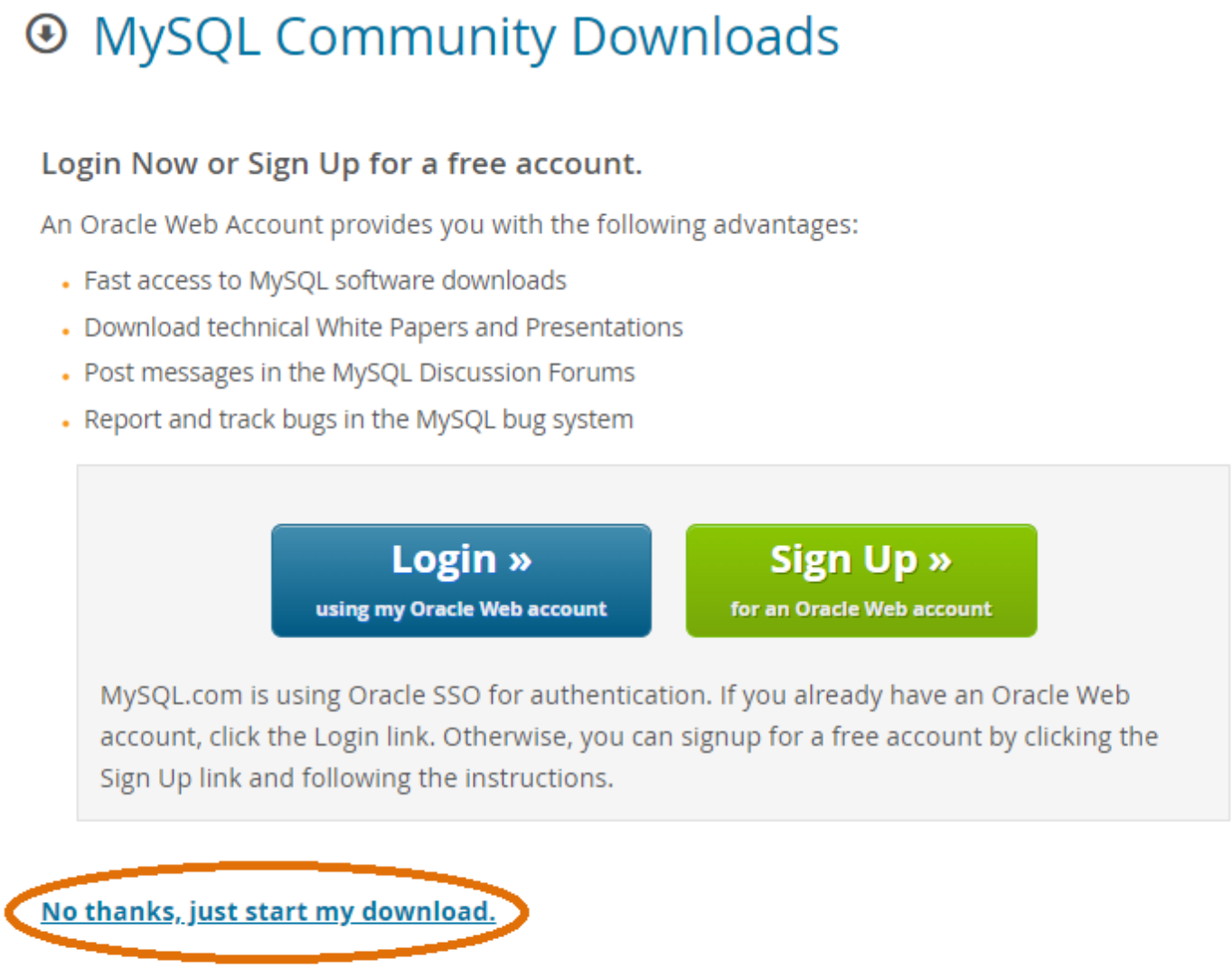
Step 1: Download MySQL

Download and install MySQL Community Server from https://dev.mysql.com/downloads/mysql/. This program was created using MySQL Community Server 8.0.34 but you can choose the latest version. Select your version of choice, operating system, and preferred installer.



This example uses the following choices: Version: 8.1.0; Operating system: Windows; Method of installation: MSI Installer

You will then be asked to log in or create an account. If you choose to continue the download without an account, click "**No thanks, just start my download**" on the bottom of the screen.

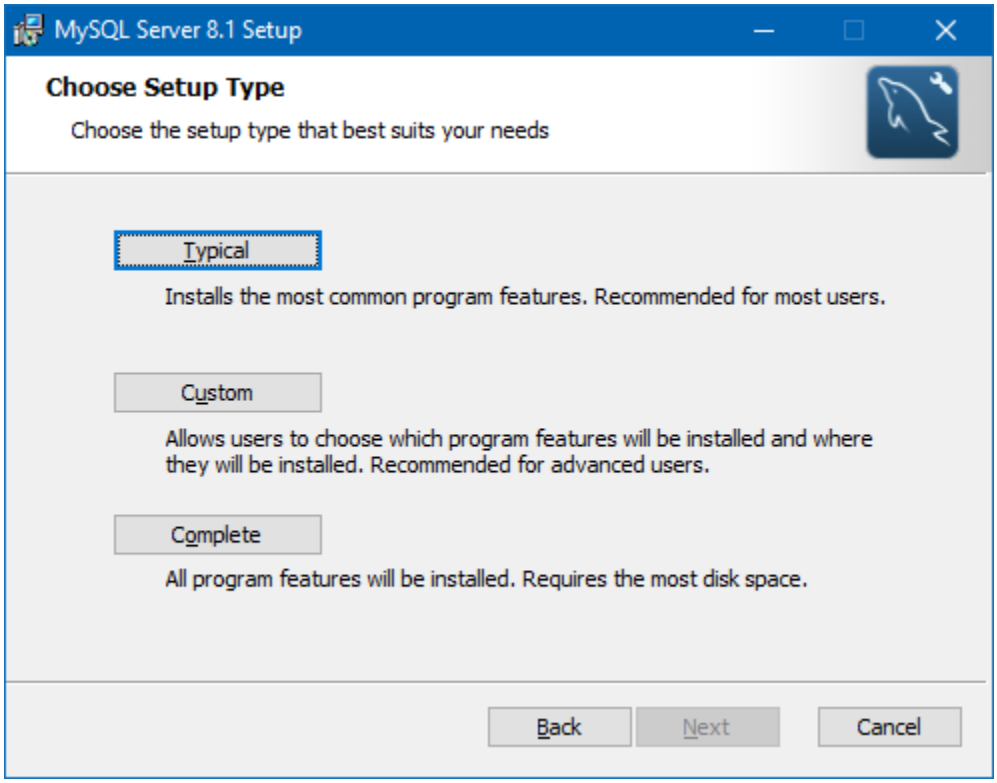


Step 2: Launch the MySQL Server Setup Wizard

Make sure you are logged in as an Administrator as this step requires the installer to make changes to your computer. Open the file you downloaded in Step 1.

On the welcome screen, click Next.

On the End-User License Agreement screen, check “I accept the terms in the License Agreement” and click Next.



On the Choose Setup Type screen, click Typical then click Next.

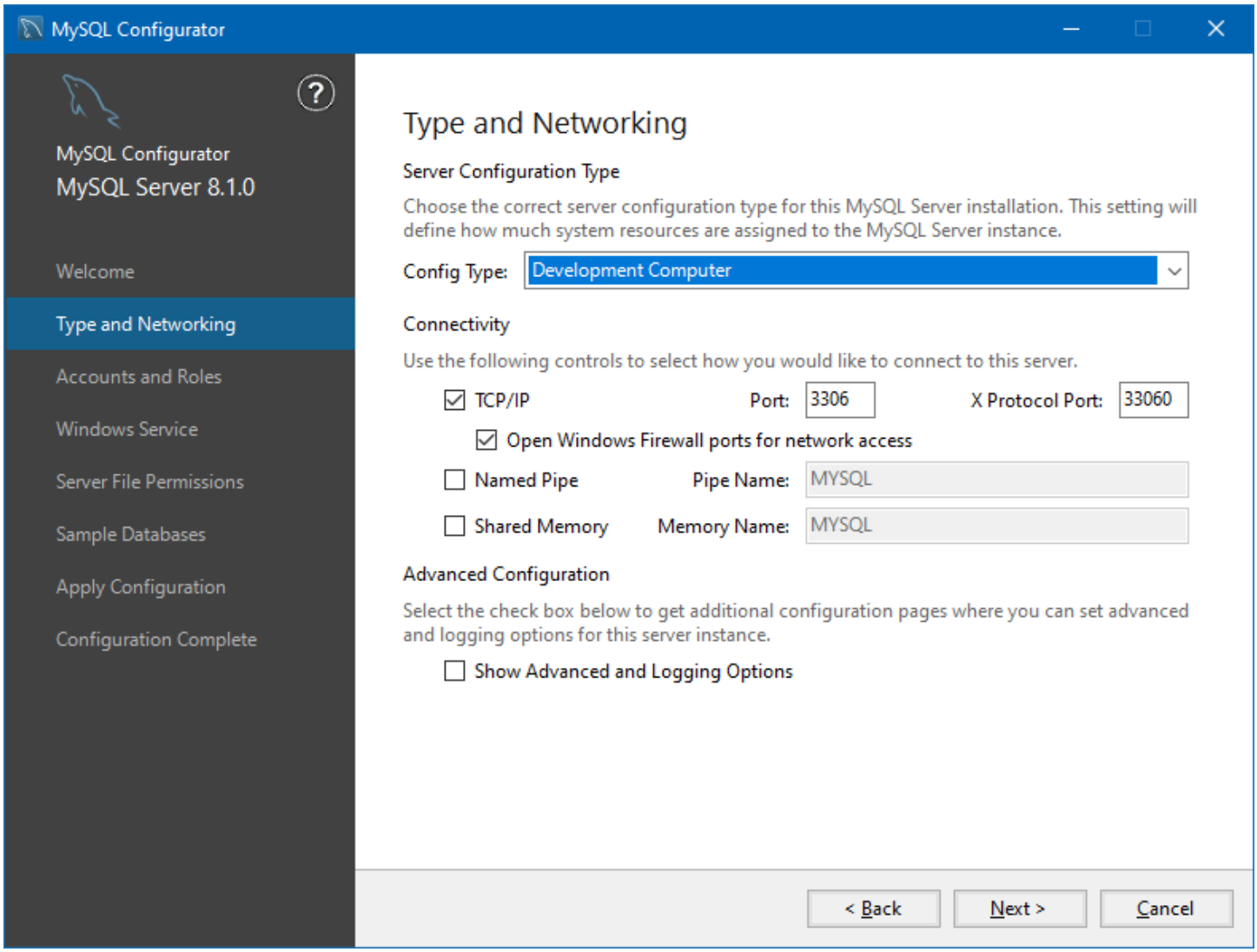
Click Install on the next screen.

Once the Wizard is complete, check “Run MySQL Configurator” and click Finish.

Step 3: Configure MySQL

Now that MySQL is installed, it needs to be configured.

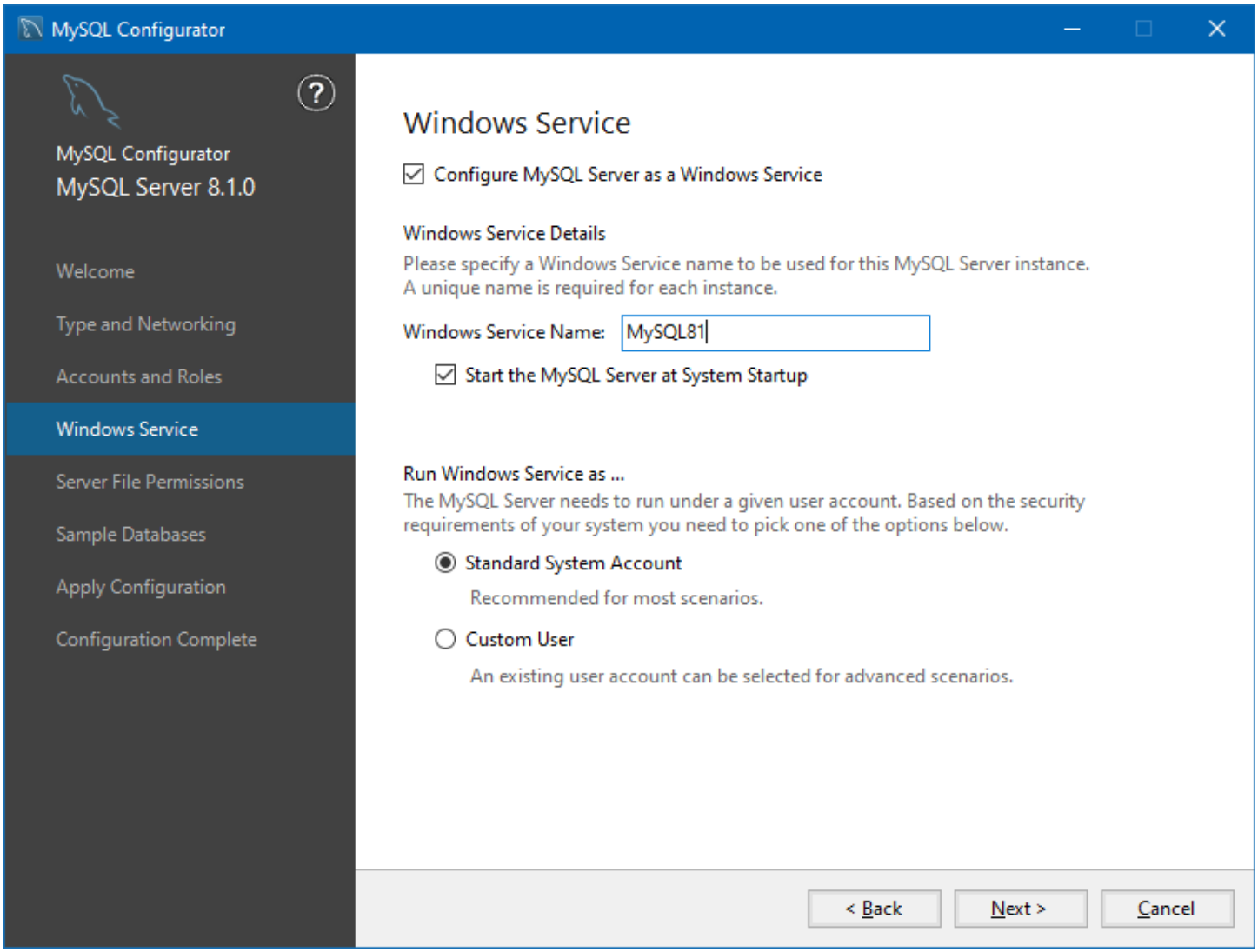
On the welcome screen , click Next >.



In the Type and Networking screen, the defaults can be used, as shown in this figure.

In the Accounts and Roles screen, choose a password for the root (primary admin) user of the database. If additional users are needed, they can be added using the Add User button. **Keep this password in a safe place and do not forget it.**

Open **credentials.properties** in this USB. Change *ENTER_PASSWORD_HERE* to the root password for MySQL.



On the Windows Service screen of the MySQL setup, the default settings can be kept.

In the Server File Permissions screen, the first option can be chosen ("Yes, grant full access to the user running the Windows Service (if applicable) and the administrators group only. Other users and groups will not have access."). However, this assumes the computer that the program is running on is only accessed by trusted persons. Keep in mind this database will contain student name and contact information.

In the next window, the Sample Databases are not needed. Leave them unchecked and click Next >.

In the Apply Configuration screen, click Execute. Once it is complete, click Next >.

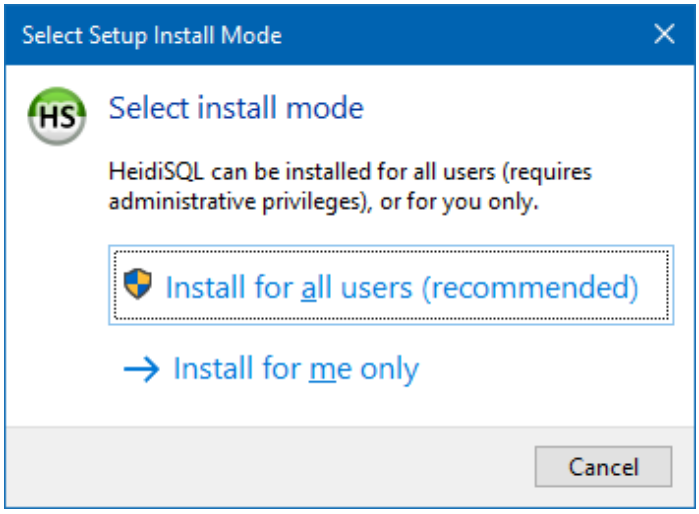
Click Finish once the configuration is complete.

HeidiSQL

HeidiSQL is a user interface used to access the MySQL database. If you prefer MySQL Workbench and are familiar with the process to install it, this section can be skipped. However, the rest of this guide will use HeidiSQL for importing the database.

Step 1: Download and Install HeidiSQL

Download the latest version of HeidiSQL (https://www.heidisql.com/download.php).

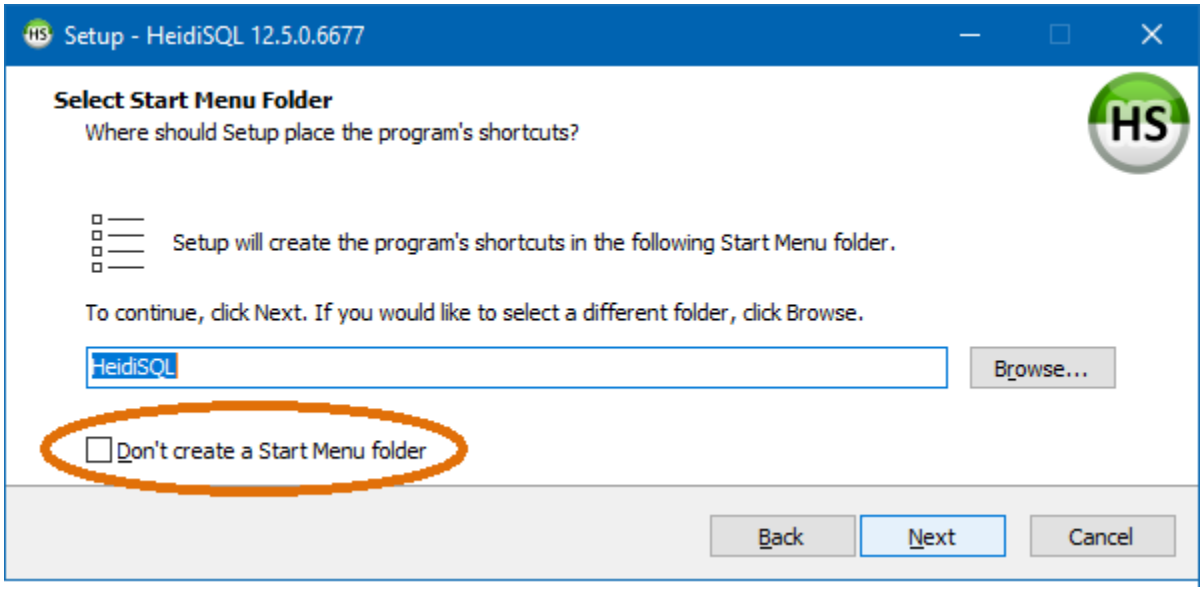


Open the downloaded .exe file and choose who to install HeidiSQL for.

- If the program will be used on multiple accounts, choose “Install for all users (recommend)”.
- If the program will only be used on one account, choose “Install for me only”.

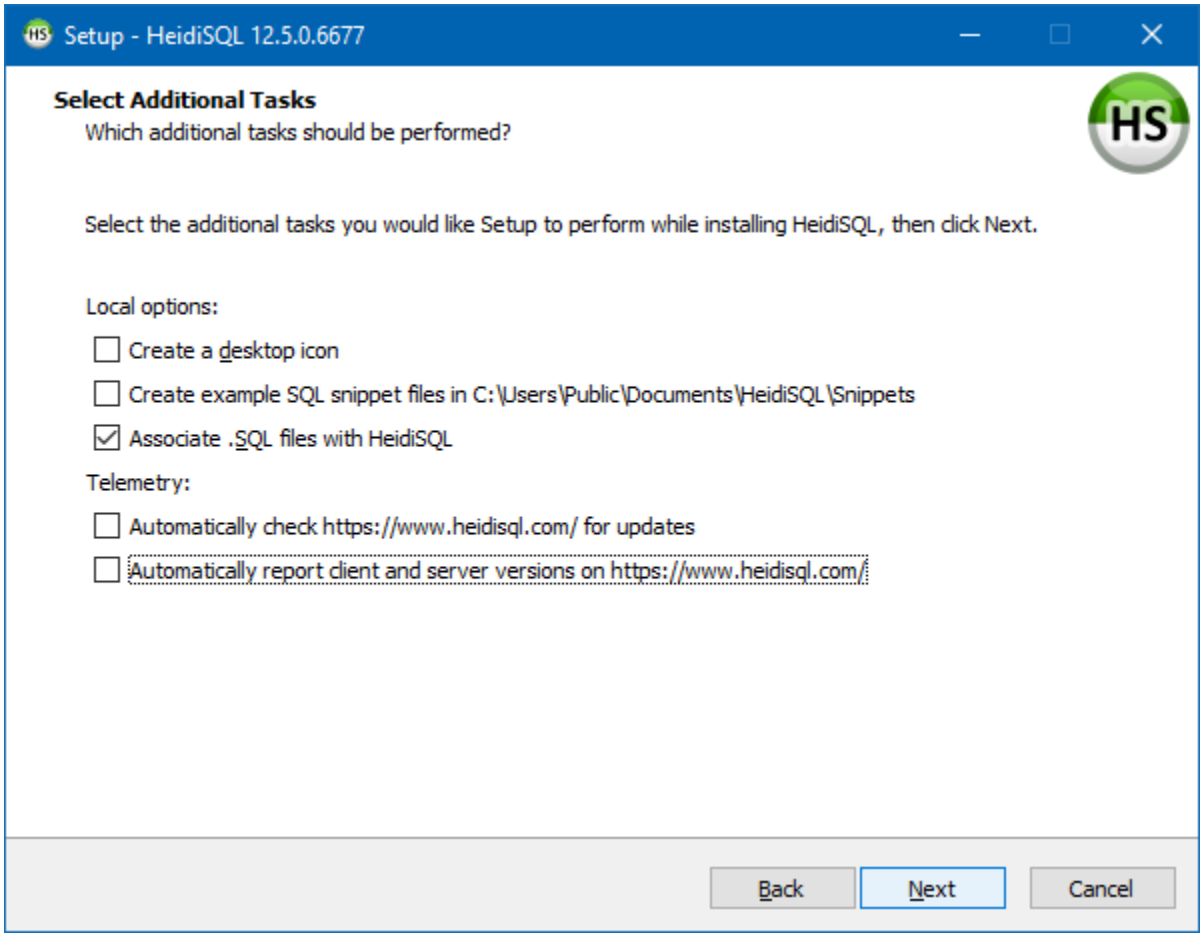
Accept the License Agreement and click Next.

Choose the folder destination where HeidiSQL will be installed and click Next.



A Start Menu folder is not required, but is optional.

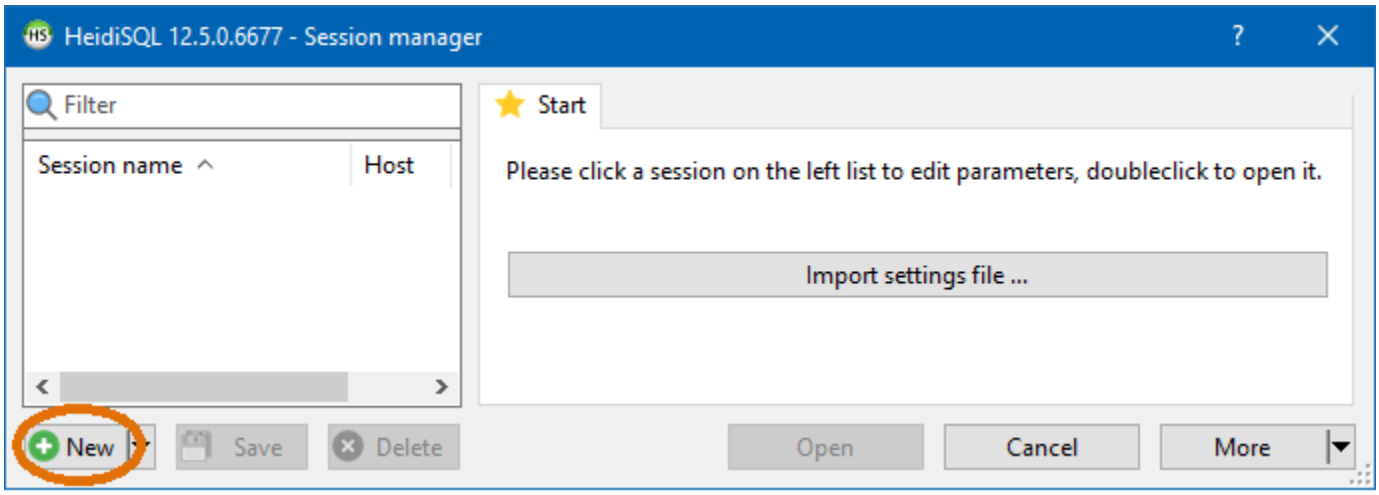
The following items can be checked off in **Select Additional Tasks**:



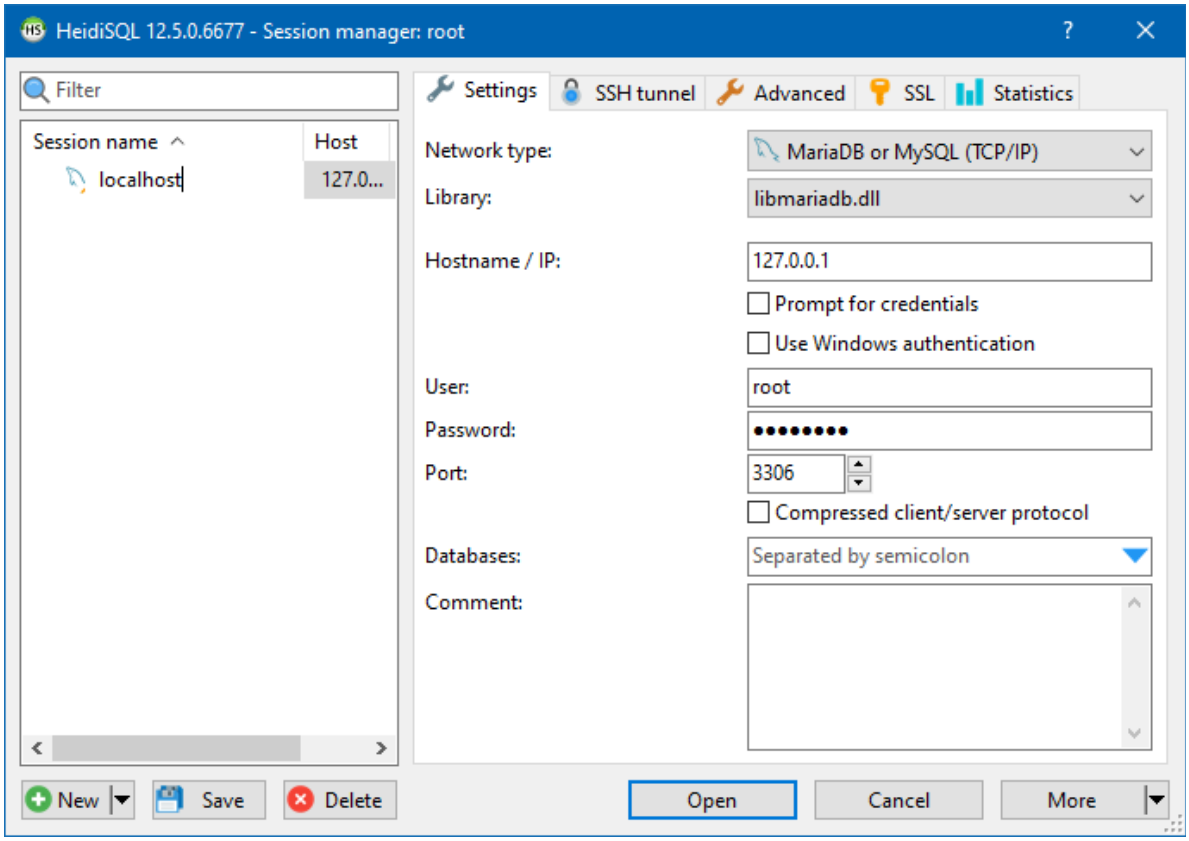
Click Install and then launch HeidiSQL.

Step 2: Set up the database.

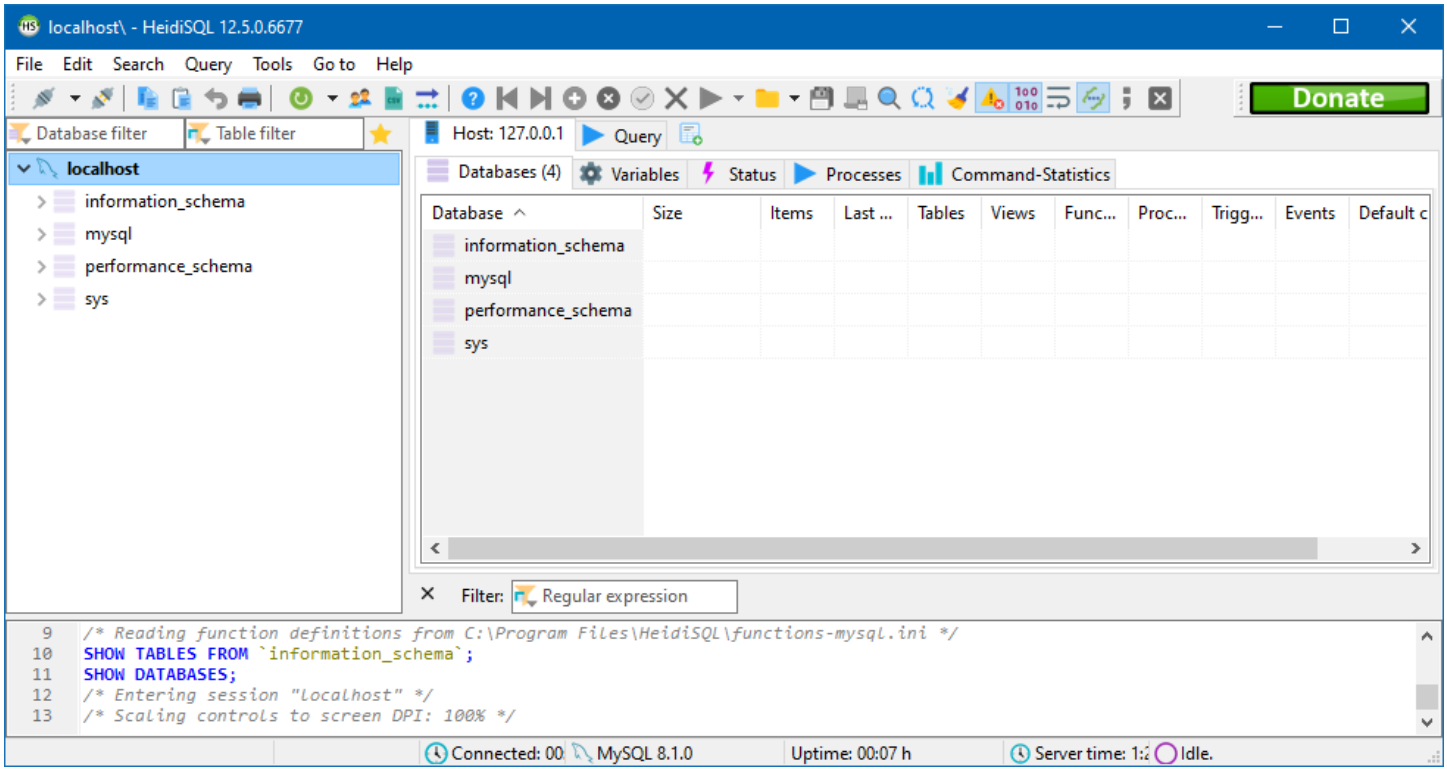
After launching HeidiSQL, click **New**.



Enter the following settings. Enter the root user credentials from the MySQL installation.

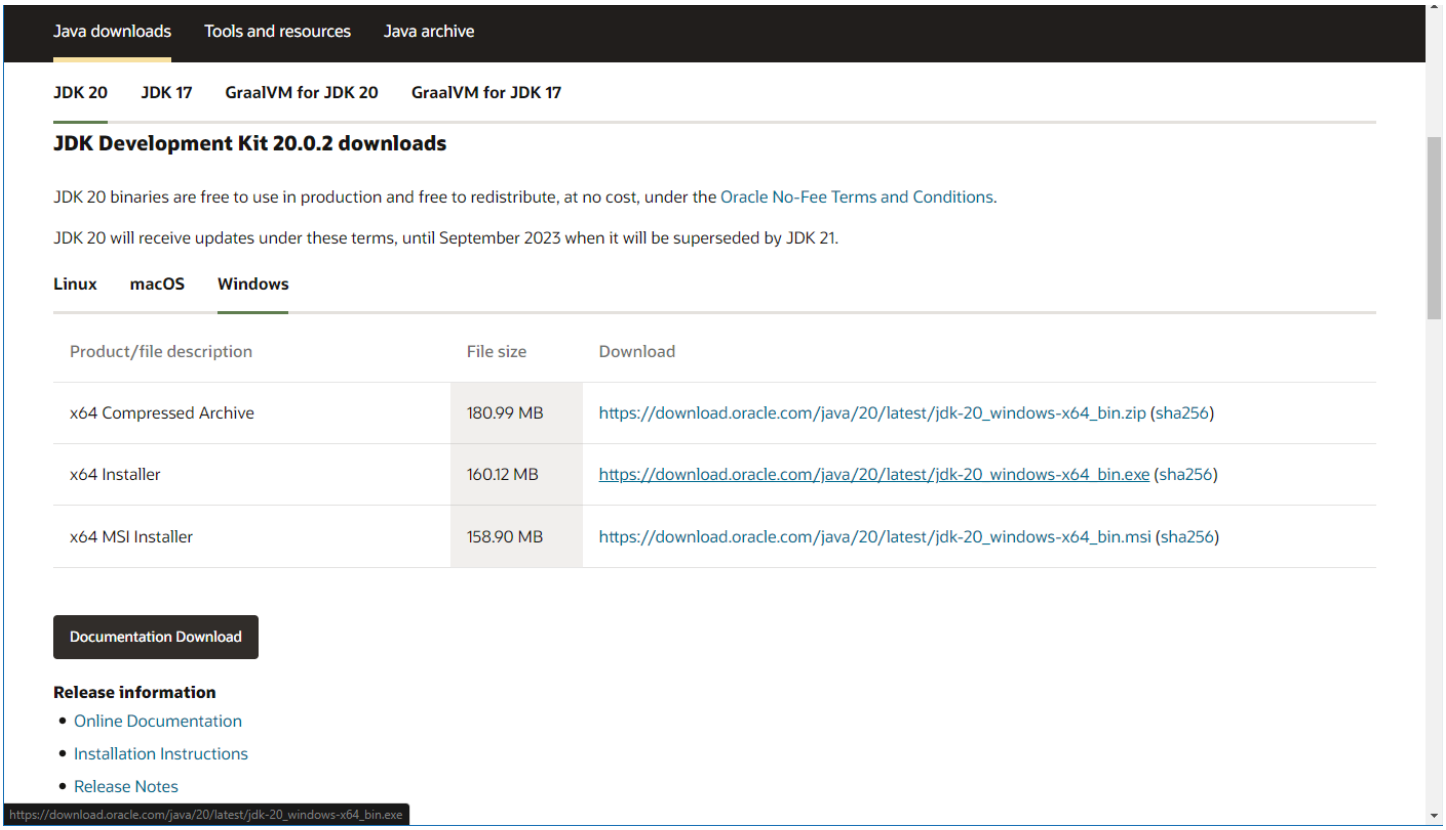


Click **Open**. In the next window, click **File > Run SQL File** and choose **_install/kumon_db.sql** from this USB drive.



Java

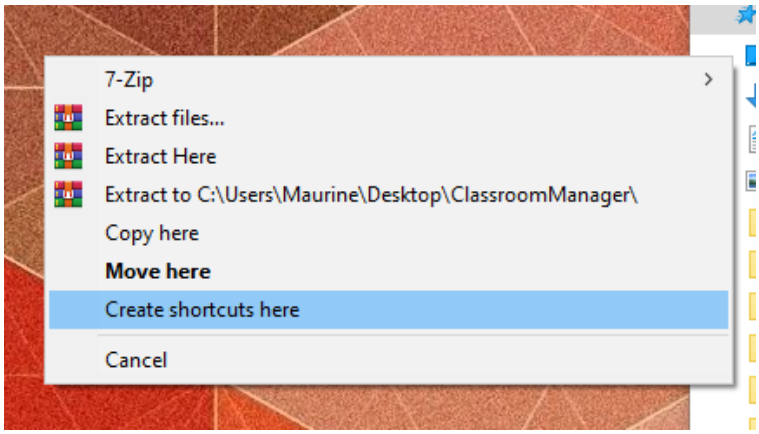
Java is the language that the program is written in. It must be installed in order to run ClassroomManager. Go to https://www.oracle.com/java/technologies/downloads/#jdk20 to download Java 20.



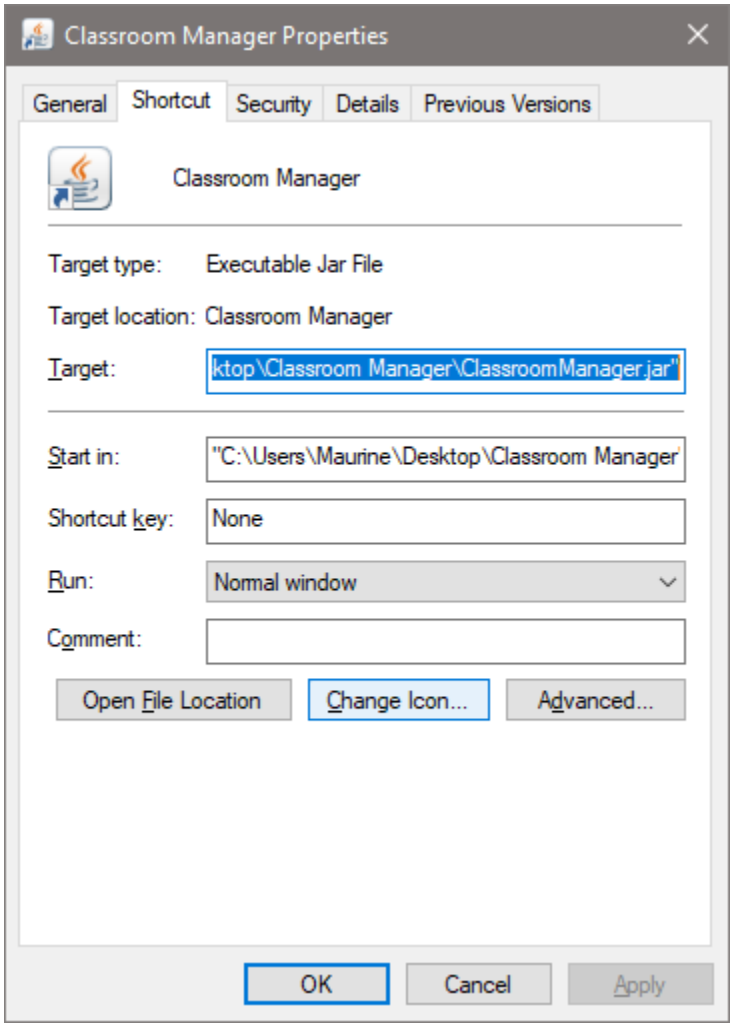
Click on the link beside the x64 installer to download it. Once finished, open the .exe file and follow the prompts to install Java 20.

Final Touches

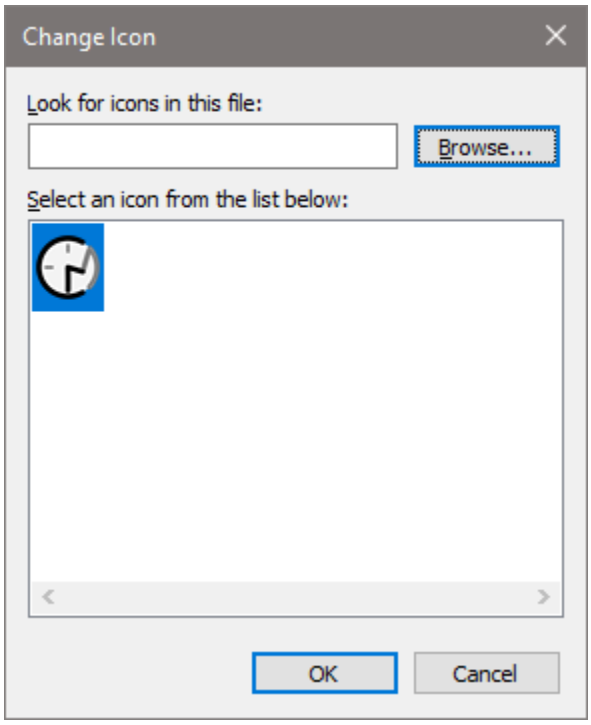
Classroom Manager can now be run! Right-click **ClassroomManager.jar**, drag it to the Desktop, and select **Create shortcuts here**.



Rename the shortcut then right-click it and select **Properties**.



In the **Shortcut** tab, click the **Change Icon…** button. Browse to the USB directory and choose **_install/ICON256.ico**.



Click “OK” on both the Change Icon screen and the Properties screen.