MIS 768: Advanced Software Concepts
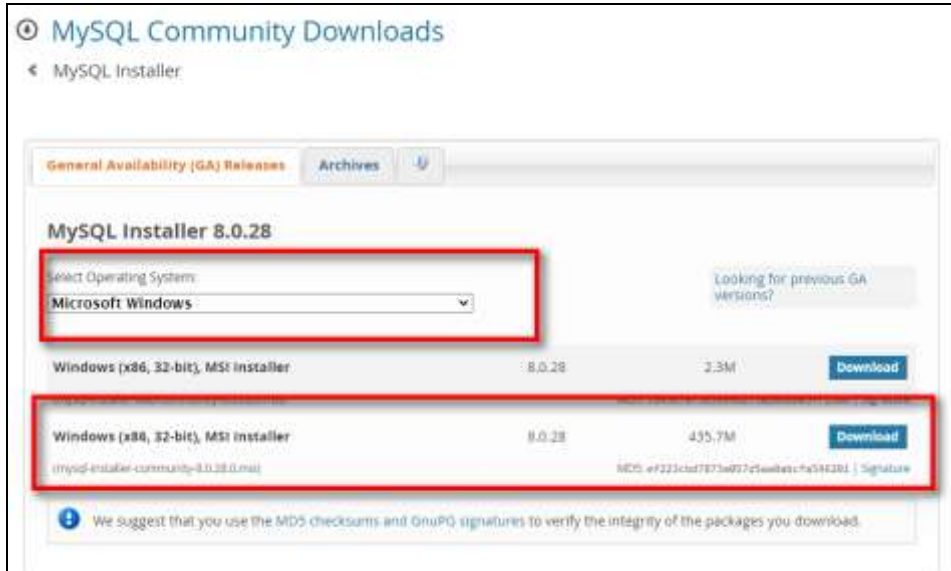
Spring 2024

MySQL Server Installation for Windows
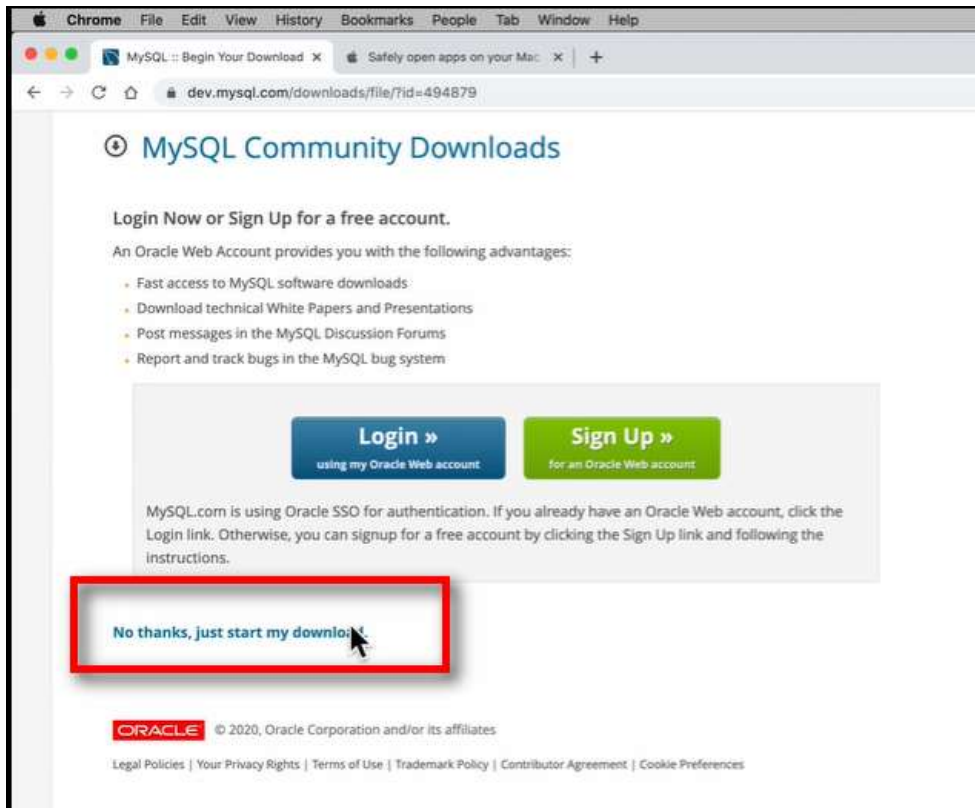
1. MySQL Server Installation
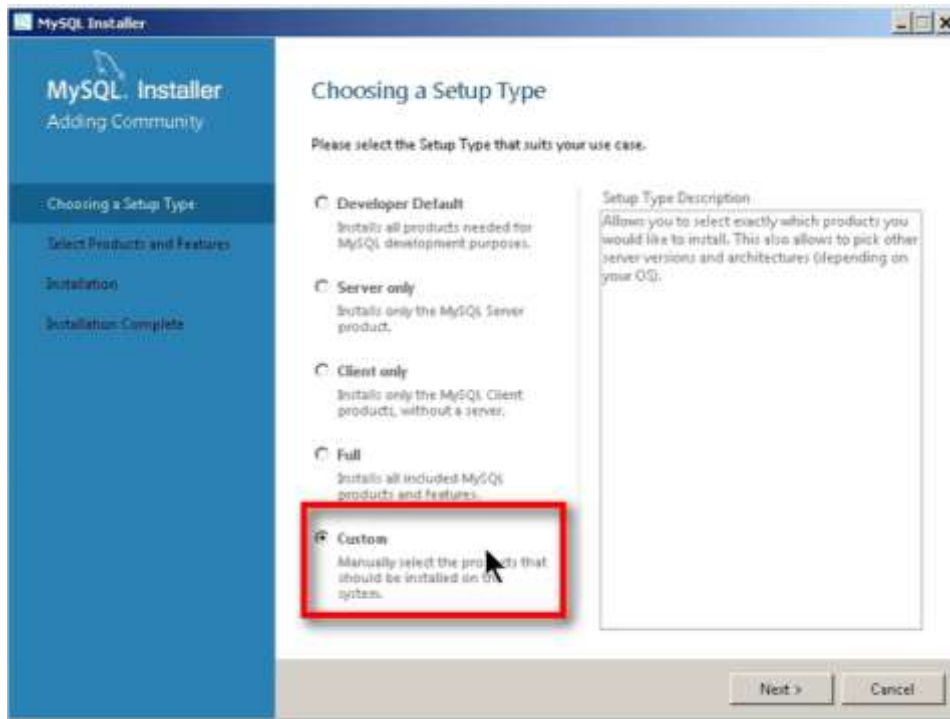
(1) Go to https://dev.mysql.com/downloads/installer/

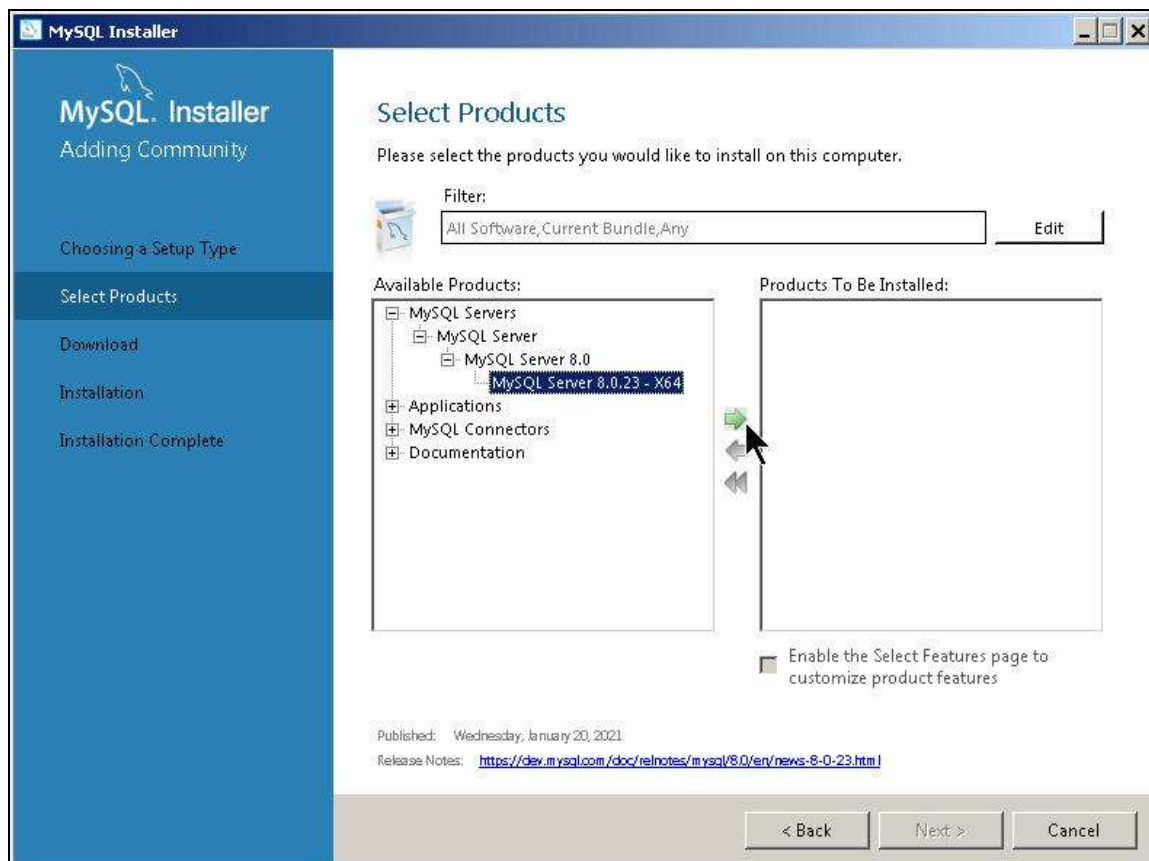After selecting the Operating System, download the installer for MySQL 8.0

(2) You do not need to log in or sign up. Just skip to download.

(3) After the download is complete, execute the installer.

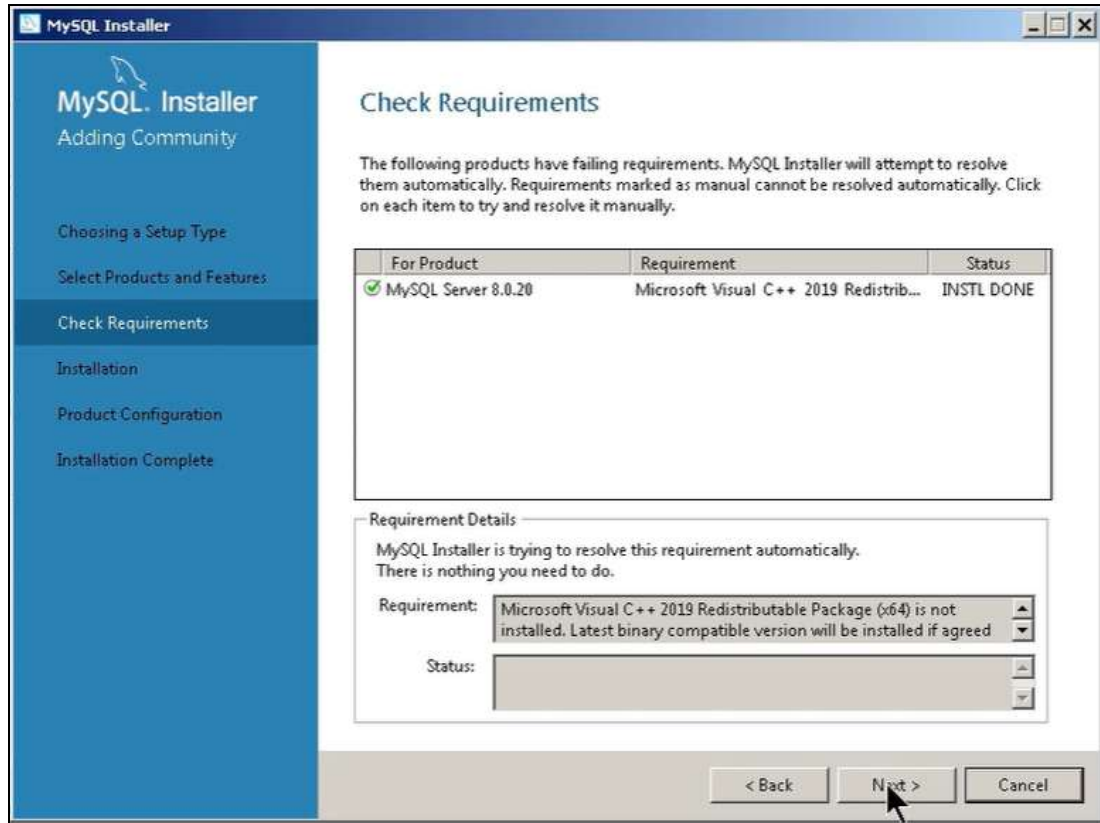(4) At the **Choosing a Setup Type** screen, select **Custom**. Click **Next** button to continue.

(5) At the **Slect Products and Features** screen, expand the options and select **MySQL Server 8.0.x** and use the arrow to move the option to the right-hand side to be installed.
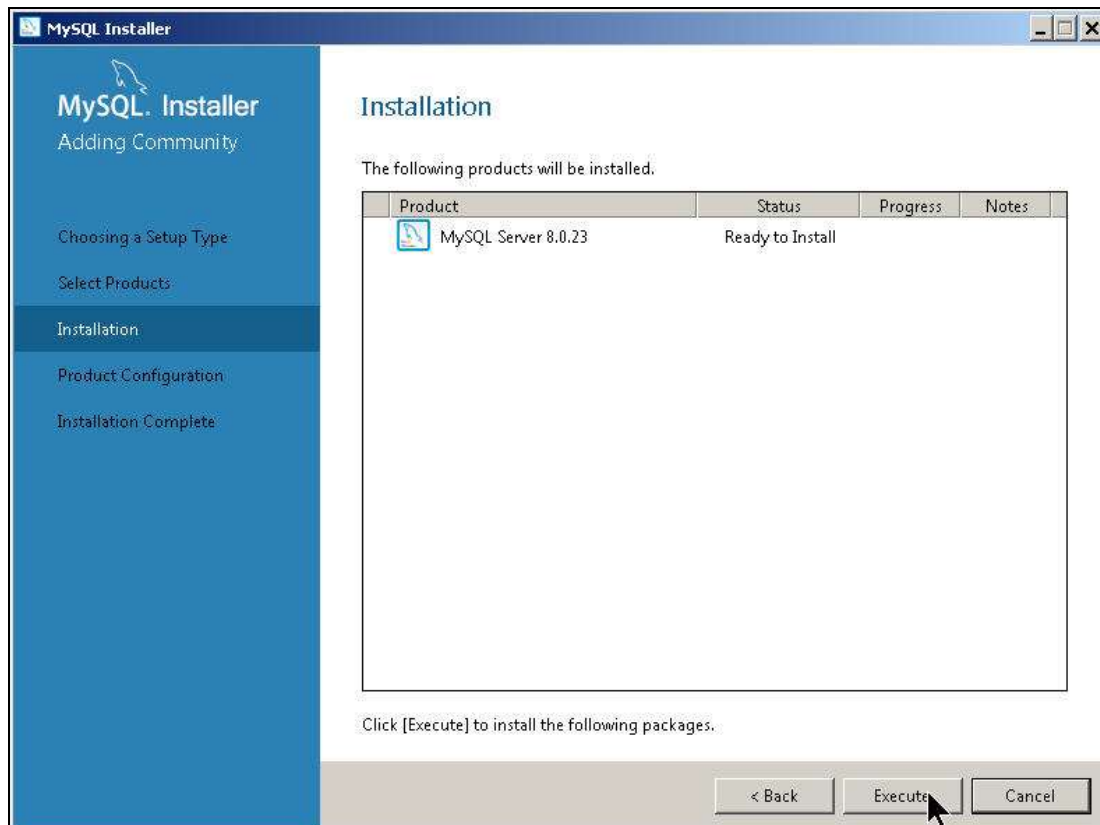
(6) In the next screen, the installer will check the system requirement. If any component is missing, it will ask for your permission to install it.
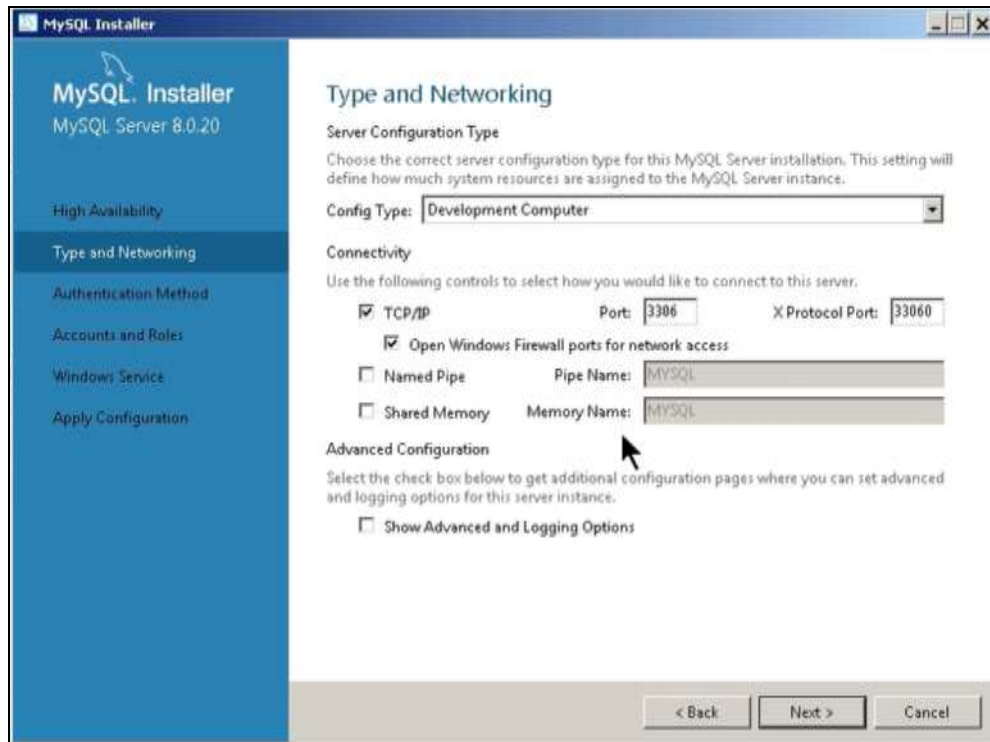
If all the required components are installed, you can click **Next** button to continue.
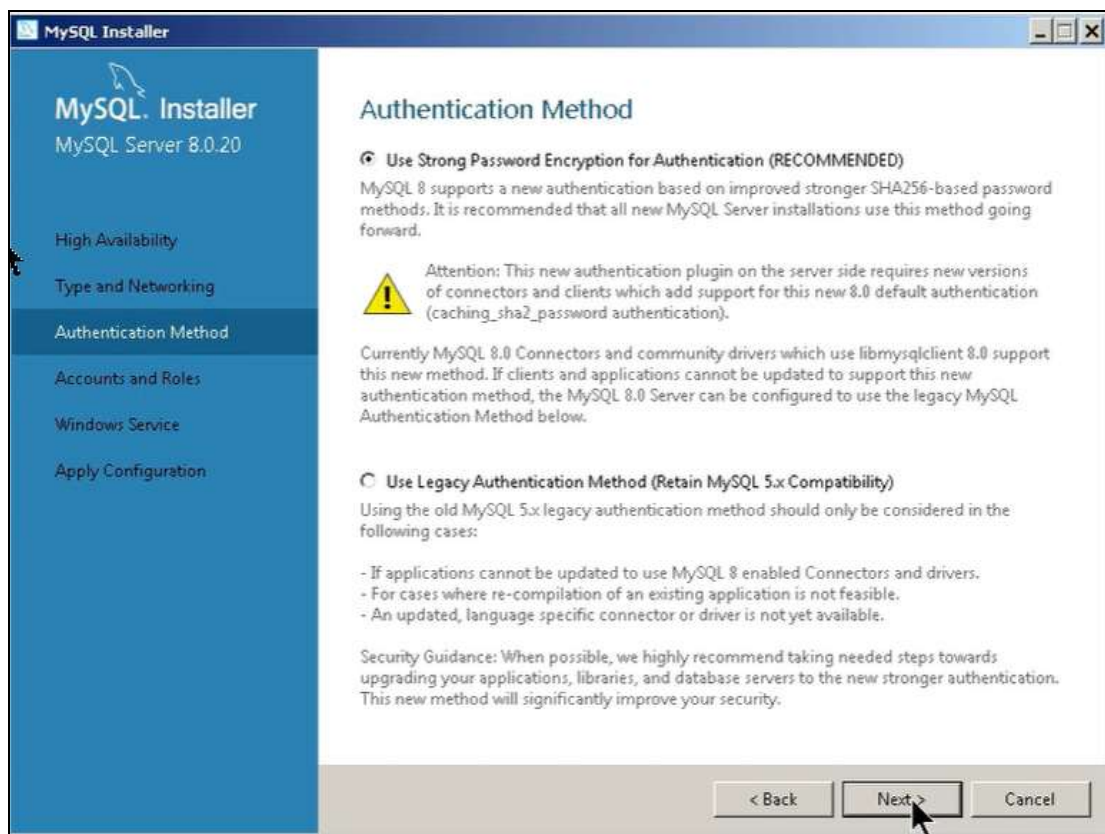

(7) Click **Execute** button to start the installation.

(8) After MySQL Server is installed, click the **Next** button twice to configure the product.

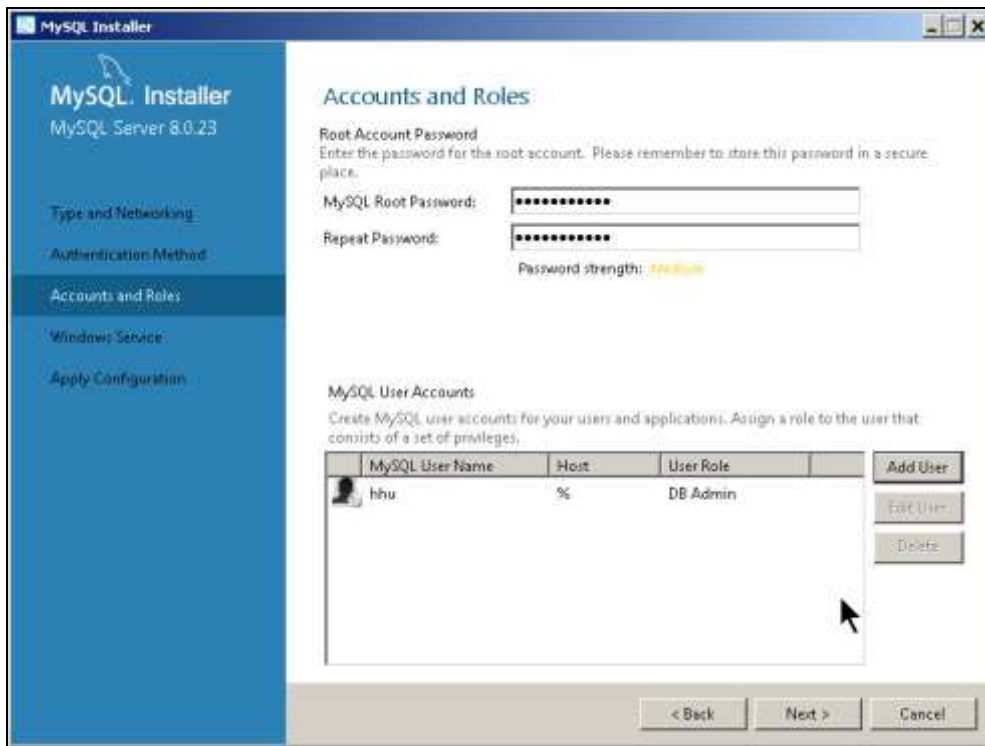(9) In the **Type and Netowrking** screen, leave the settings as default, and click **Next** button to continue.

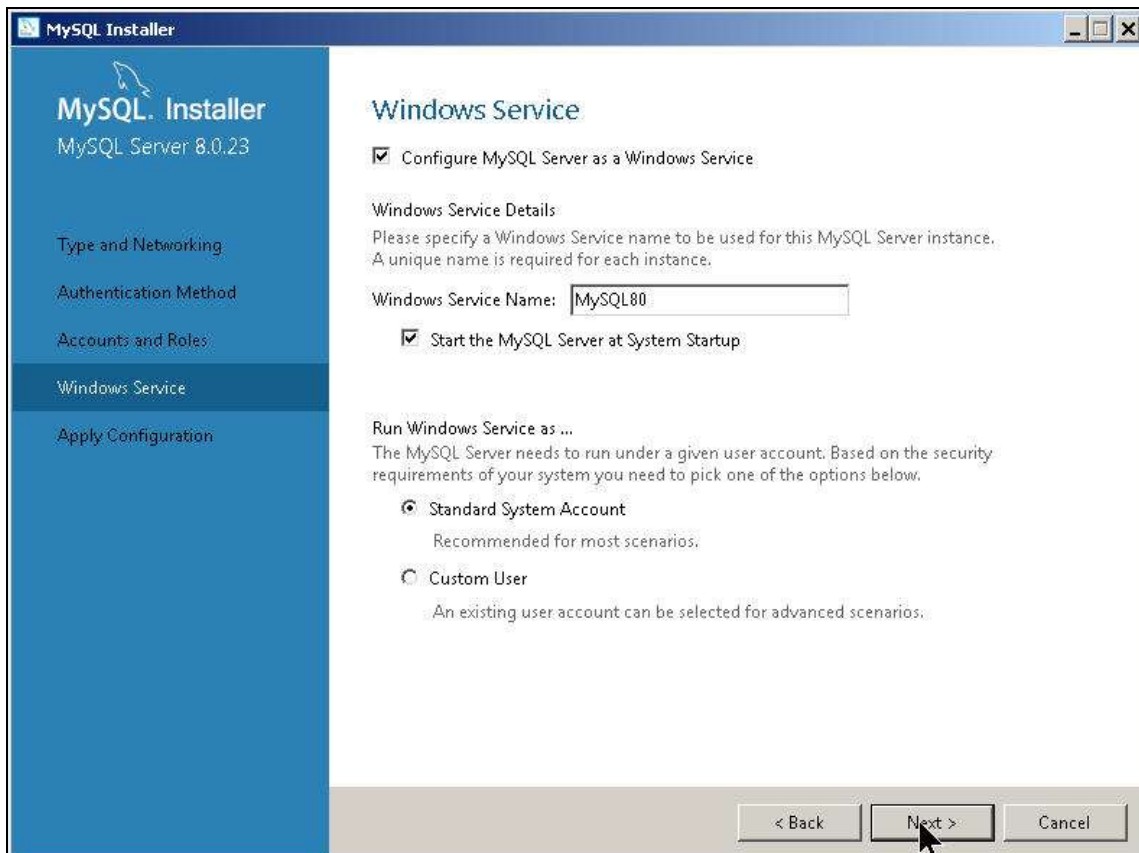(10) In **Authentication Method**, choose **Use Strong Password Encryption**, and click **Next** button to continue.

(11) Please set up a password for the root account and **<u>make sure you memorize this password</u>**. We will
need to use it to access the database server.

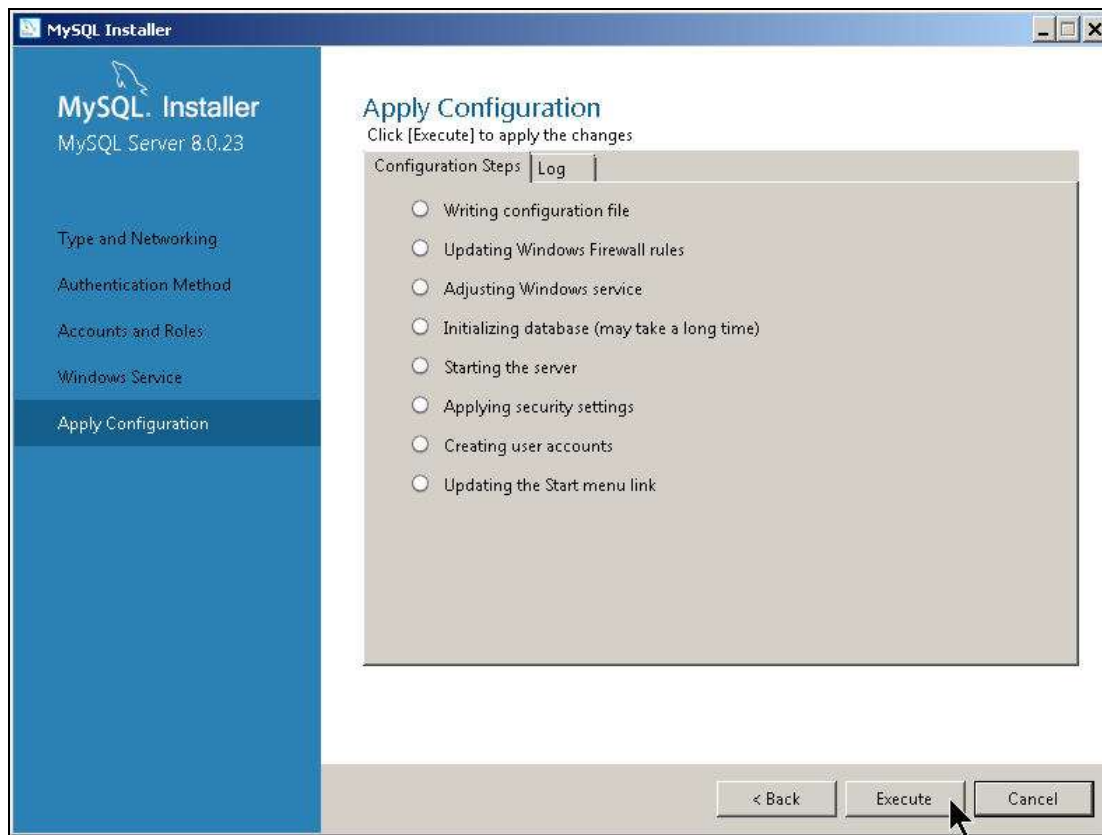You can also choose to add additonal users to your database.

Click **Next** button to continue

(12) For **Windows Service**, you can leave everything as defautlt, and click **Next** button to continue.
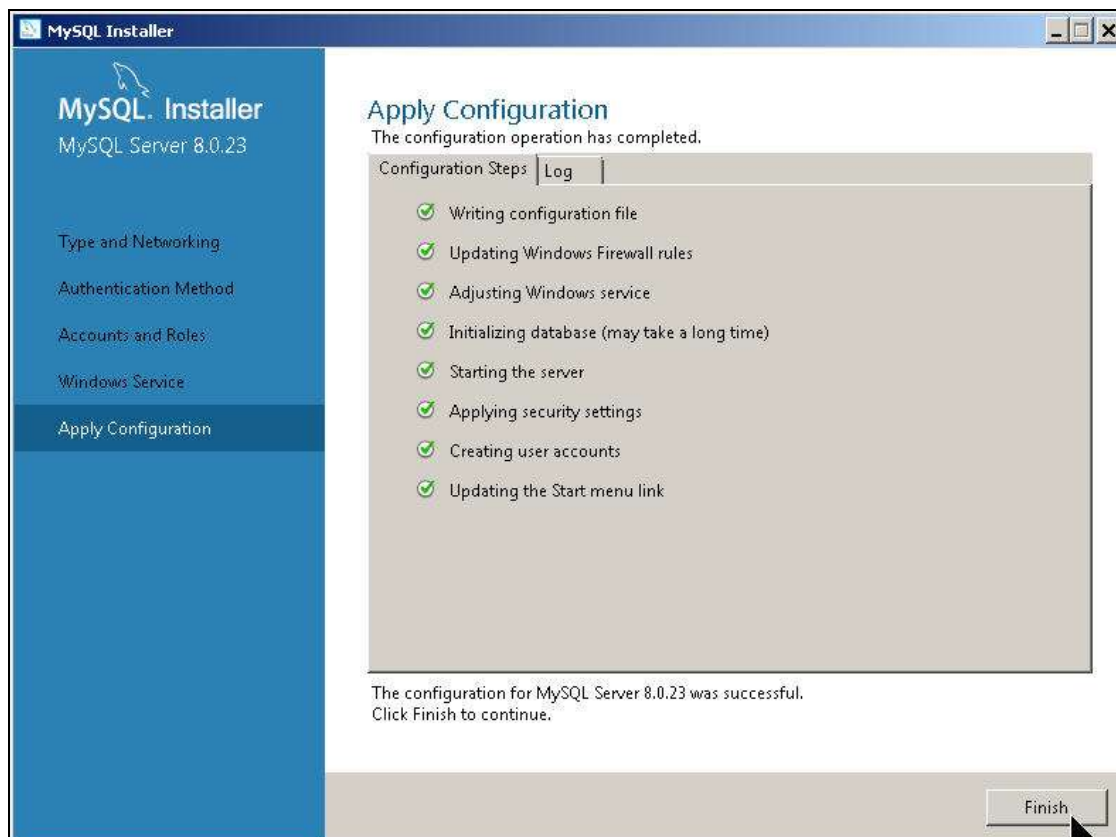
(13) In the final screen, click **Execute** button to apply the configuration.
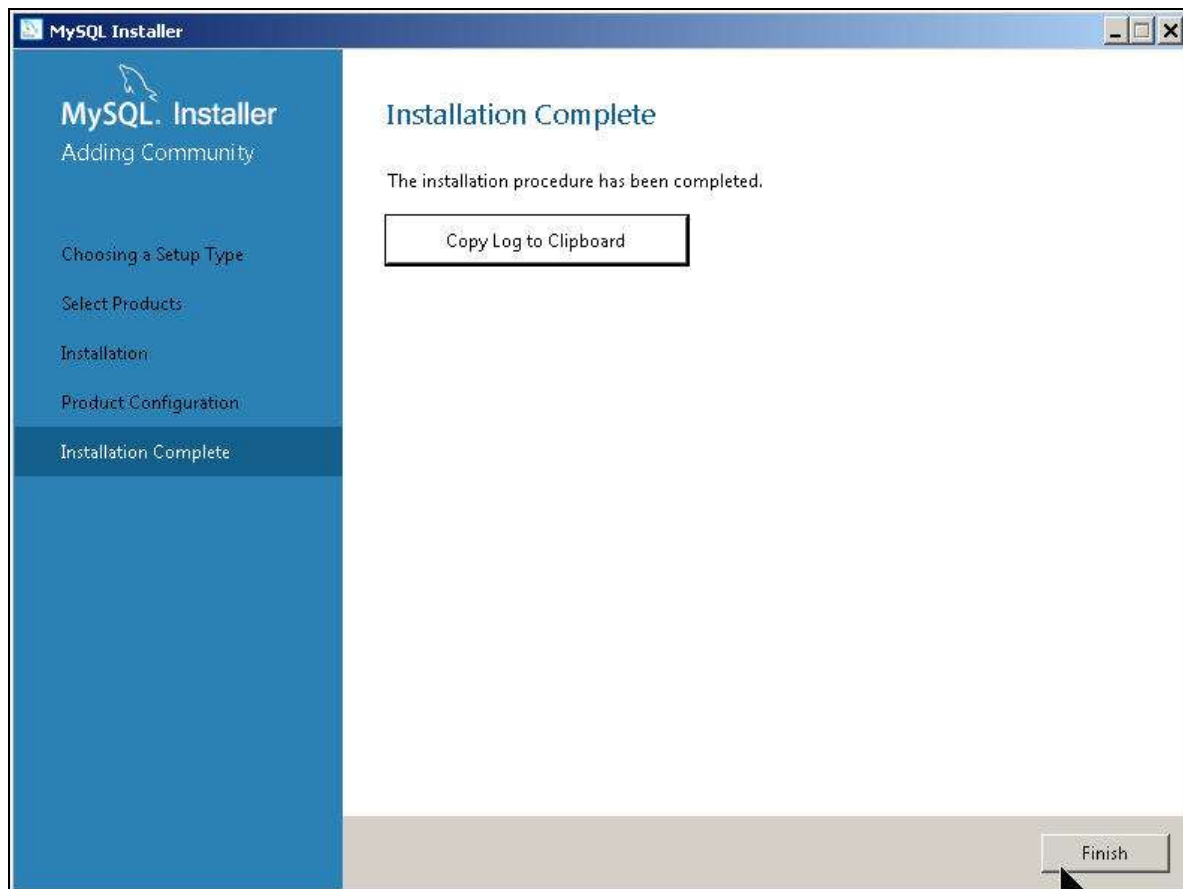

(14) When the configuration is complete, click **Finish** button.

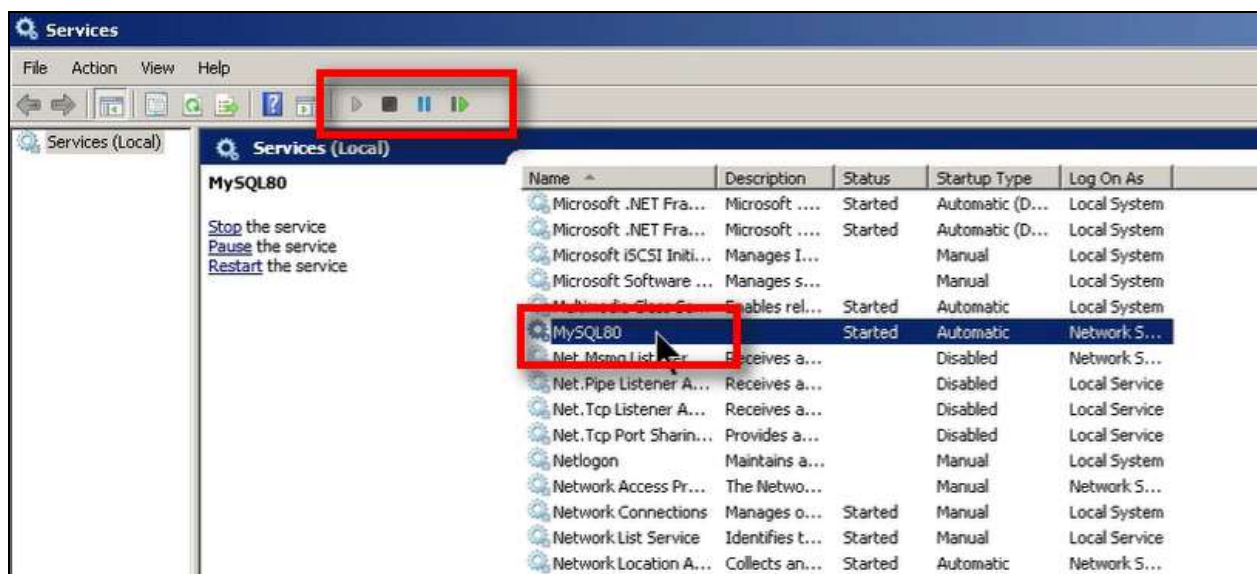On the next screen, click **Next** button to continue.

(15) On the final screen, please click **Finish** button.

2. Start/Stop/Restart MySQL Server

(16) If you need to restart the MySQL server, go to **Services** of your Windows system. Find **MySQL80** from the list of the services and click to select it.
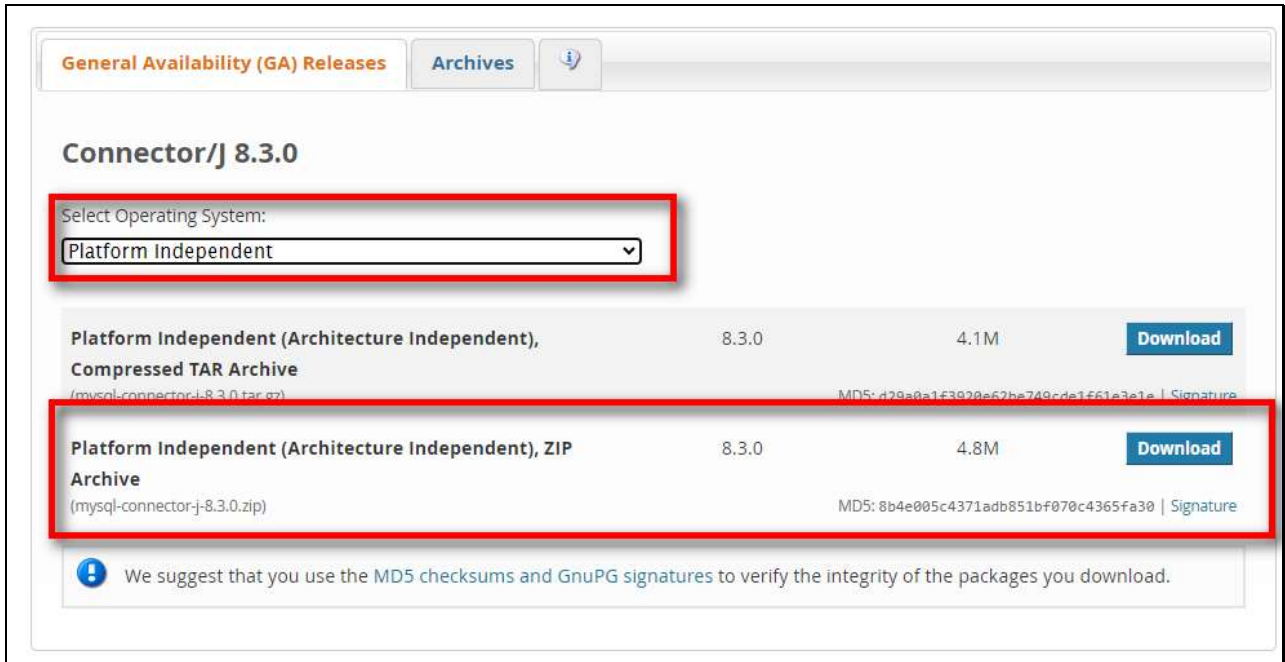
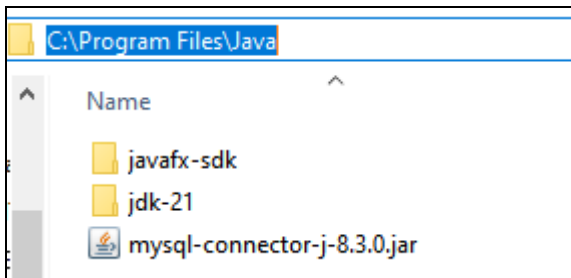You can then use the toolbar to stop, start, or restart the MySQL Server.

3. Adding MySQL JDBC driver

(17) Go to https://dev.mysql.com/downloads/connector/j/.

At **Operation System**, select **Platform Independent**. Then download the zip file.
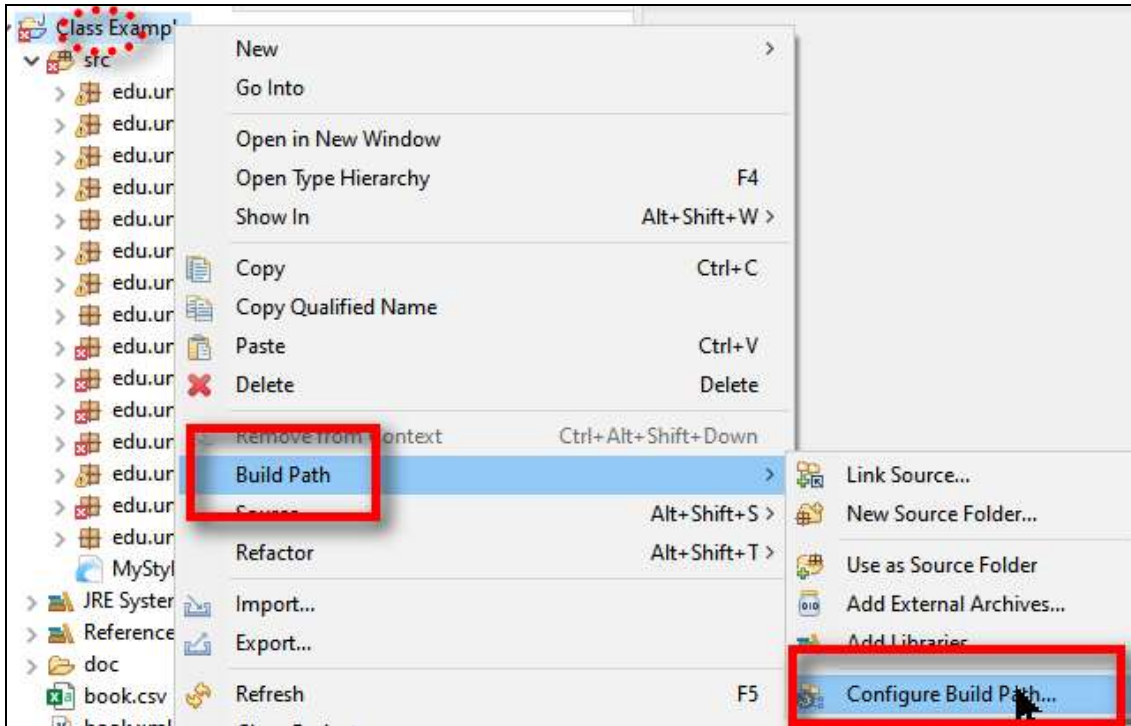

(18) After the file is downloaded, **extract the zip file**, **find mysql-connector-j-8.3.0.jar**, and move the file to where you would like to save it. For example, **C:\Program Files\Java**
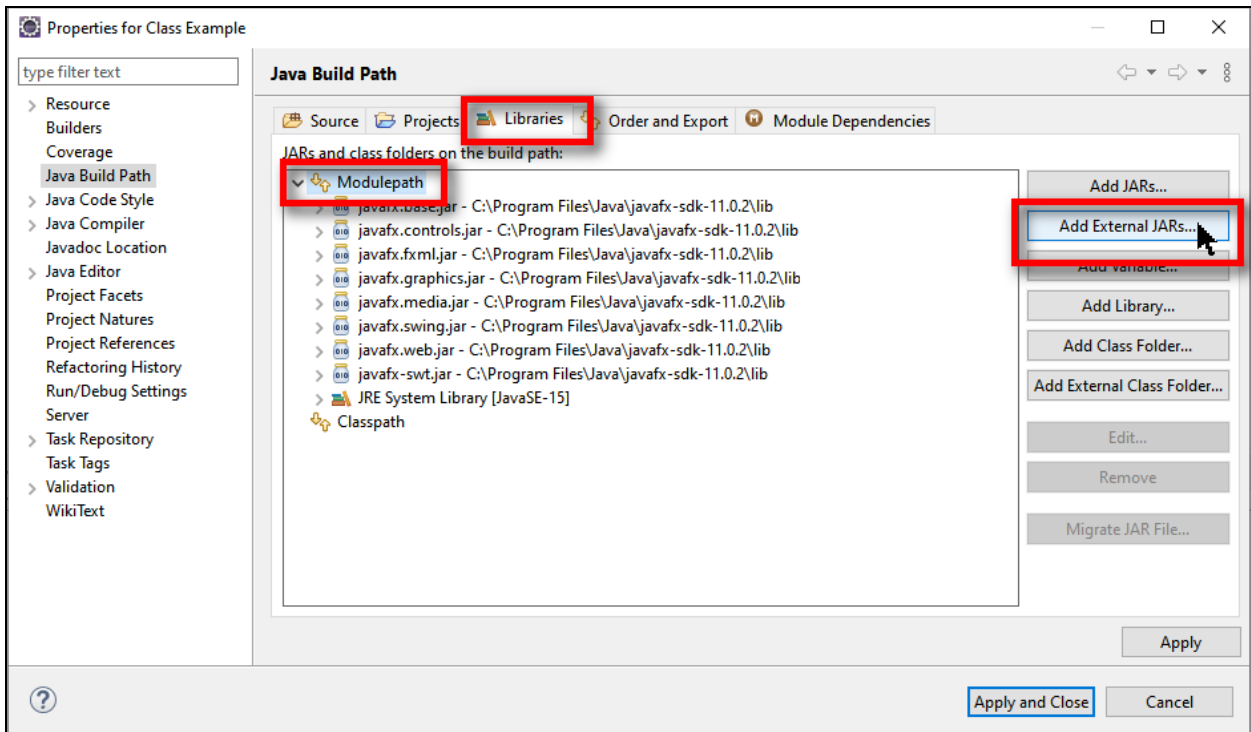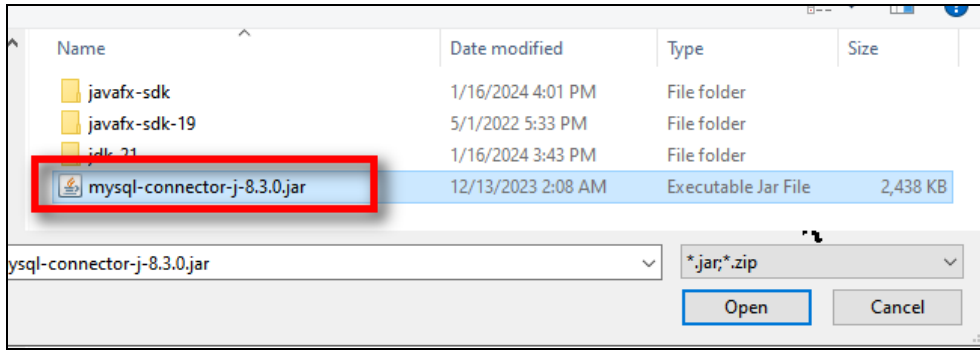
(19) Open Eclipse.

Right click on the project and select **Build Path \ Configure Build Path** from the pop-up menu.

(20) Select the **Libraries** tab, select **Modulepath**, and then click the **Add External JARs** button.

(21) Browse to select the **mysql-connector-java-8.0.28.jar** you just downloaded, and then click **Open** button.

(22) Now you can see the **MySQL JDBC** driver has been added. Click **Apply and Close** button to continue.