Villa Rivera Booking and Database

Program Documentation

Contents

Introduction

This manual serves as a guide for executing the program. There are prerequisite steps and installations that will help in attaining and meeting the system requirements. This manual includes guides for installation of:

(1) MySQL
(2) Java
(3) Villa Rivera Booking and Database System

System Requirements

The following are the minimum system requirements:

- Windows 10
- Java 1.4
- MySQL 8
- MySQL Workbench 8.0.29

The program is lightweight and so no hardware constraint has been set for the program.

1 Booking and Database Execution

Executing or running the program is a single step process. However, there are programs that first need to be installed before running it. *(Please see Section 2 to 3).*

1 Install **MySQL** and **Create** a **Schema** (Database). See full guide on Section 2.
2 (Optional) Check your system's Java version. An update might be needed. If so, see full guide on Section 3.
3 Click on the **Executable file** named **"VillaRiveraDB.exe"**
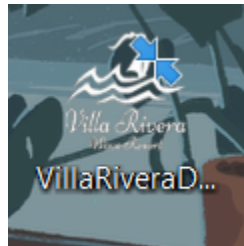
2 MySQL Installation Guide

1   Go to   **https://www.mysql.com/downloads/**

2   Press the **MySQL Community (GPL) Downloads**   at the bottom of the page

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3 Press the **MySQL Installer for Windows**

4 Press **Download** on the first option then press **No thanks, just start my download.**

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5 Once the installer is finished downloading, run the installer.

6 In the installer select custom then press next.
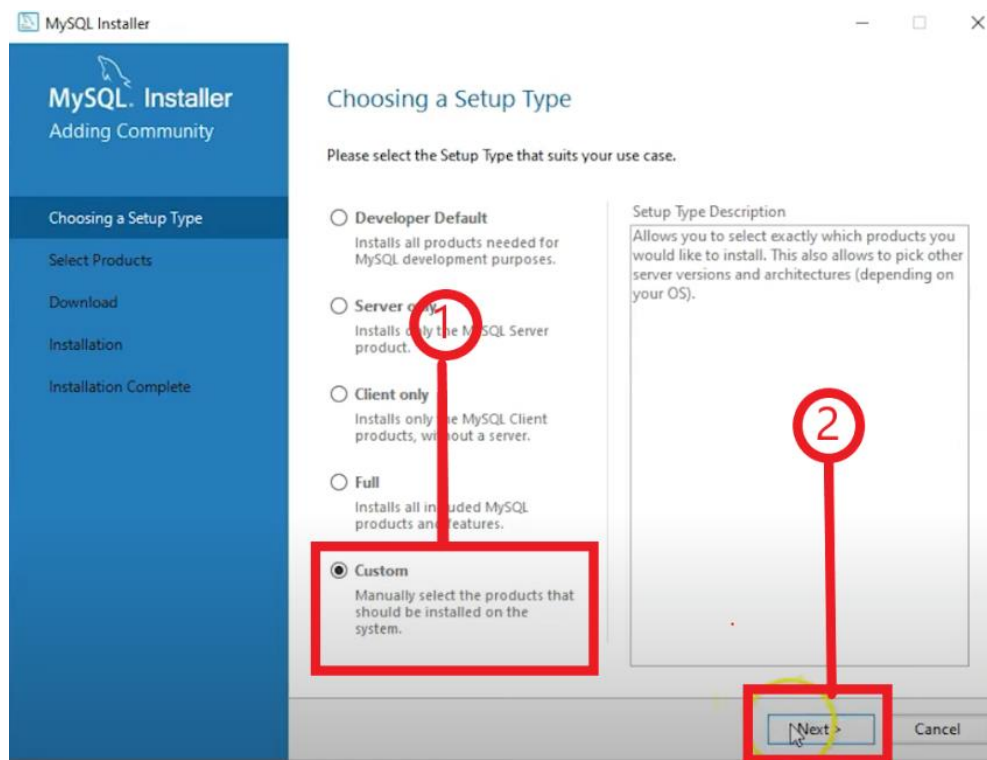
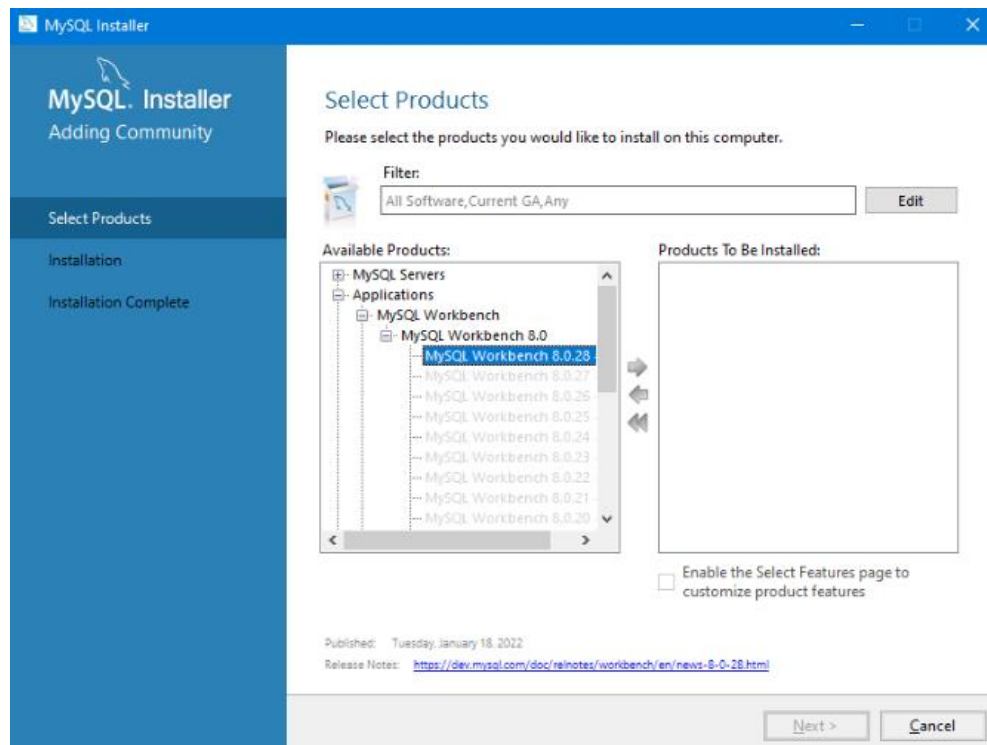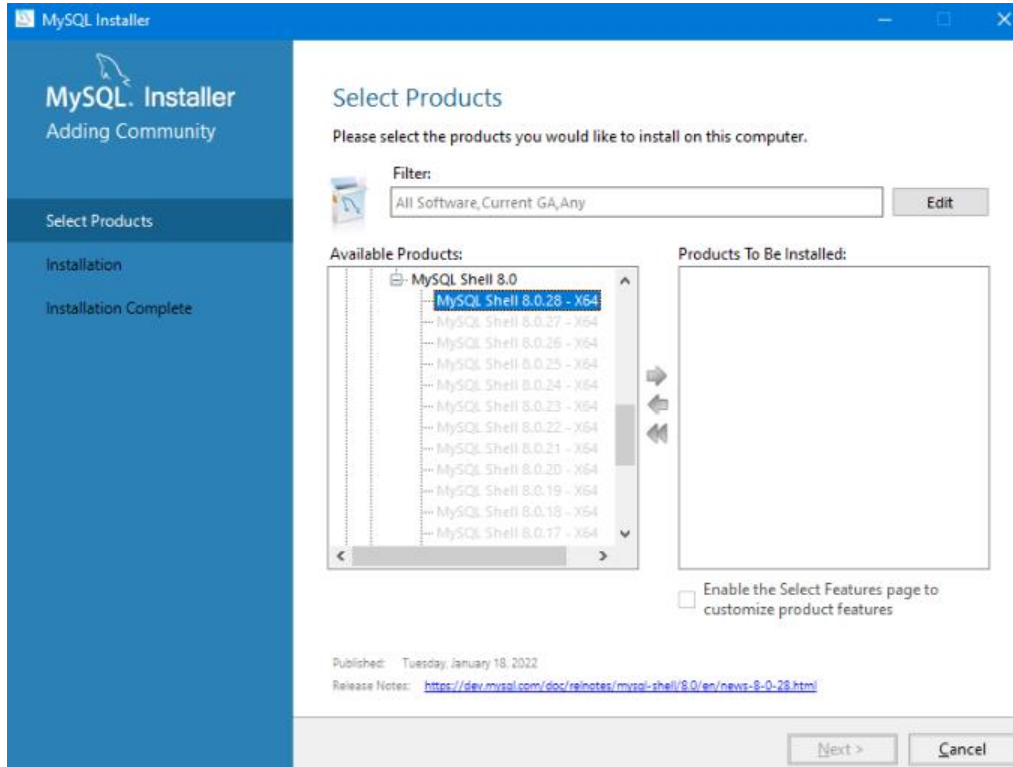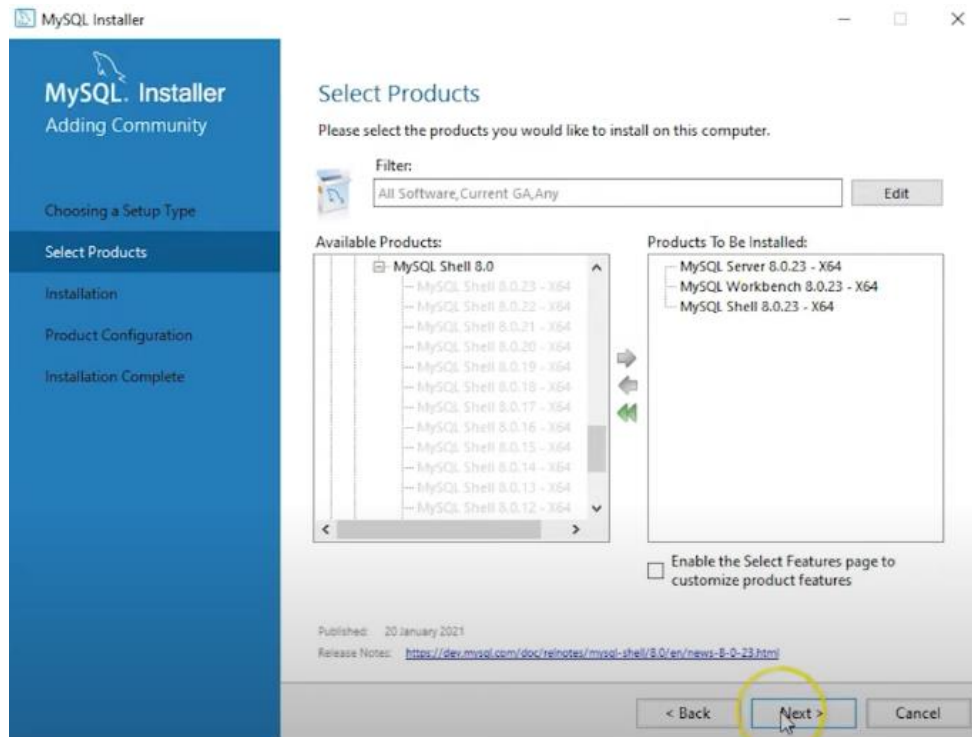**7** Press the **+** beside MySQL Server then select the latest version the press the green
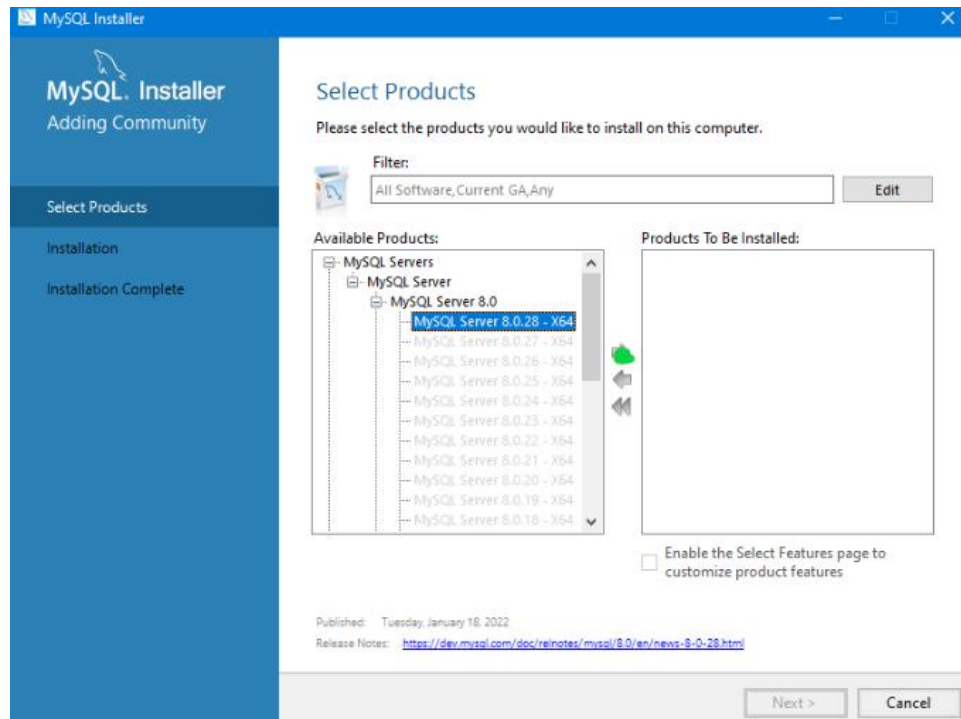
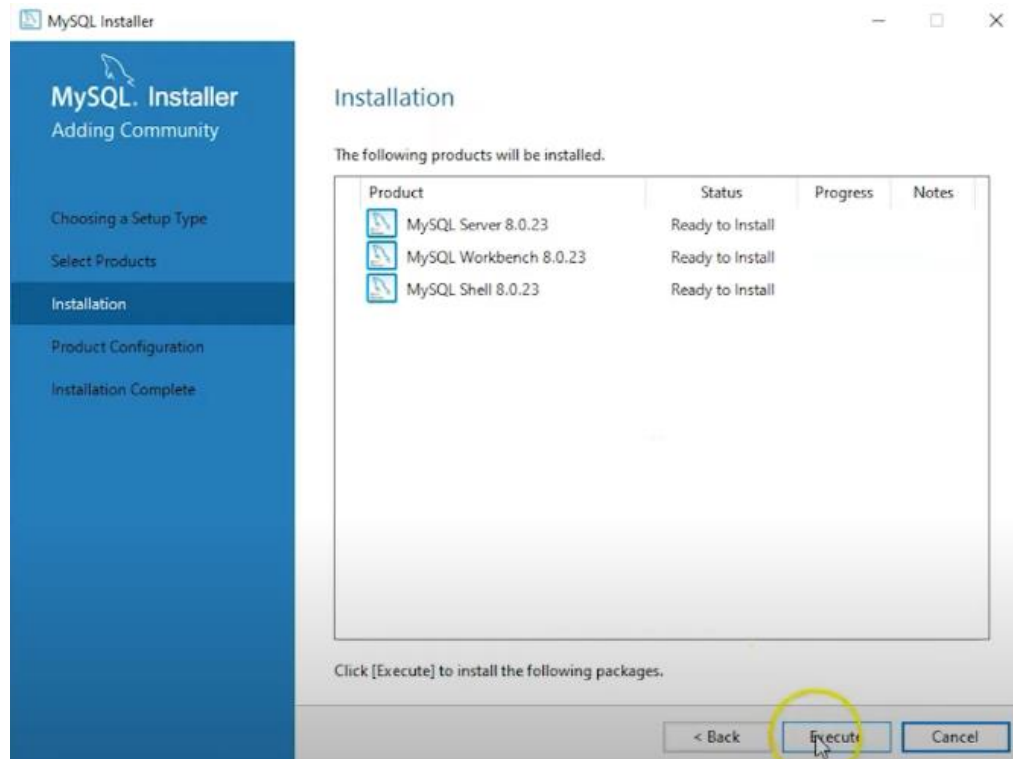**8** Do the same for the workbench under Applications then MySQL Workbench.

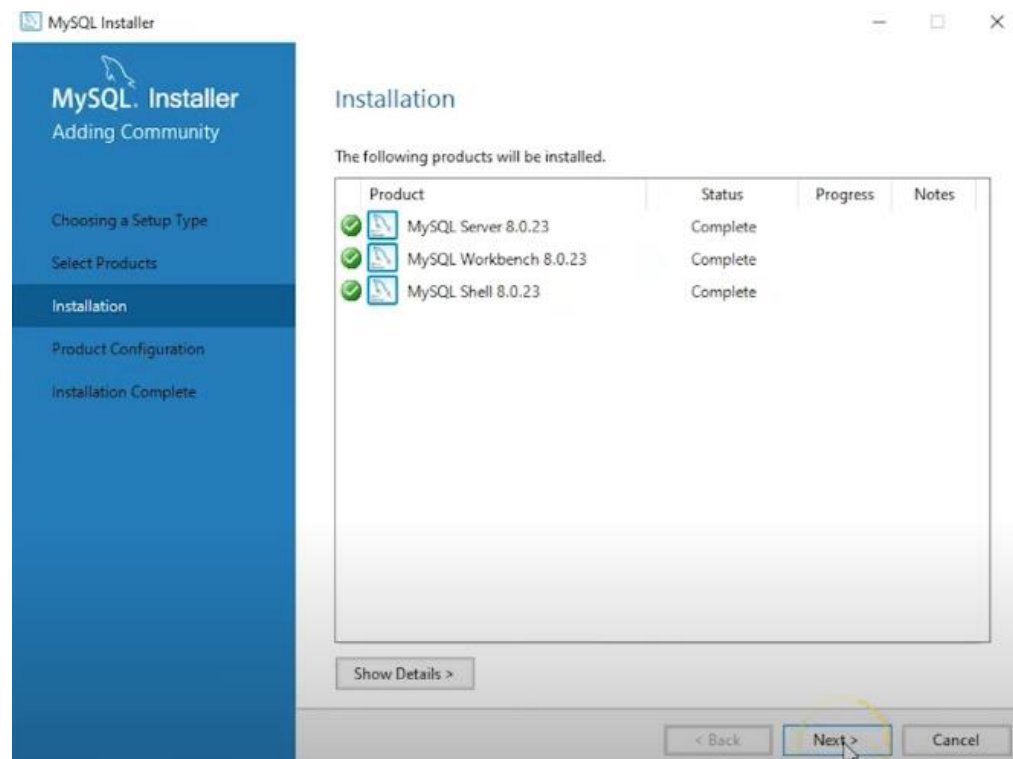**9** Once again, add MySQL Shell Latest version under the Applications.

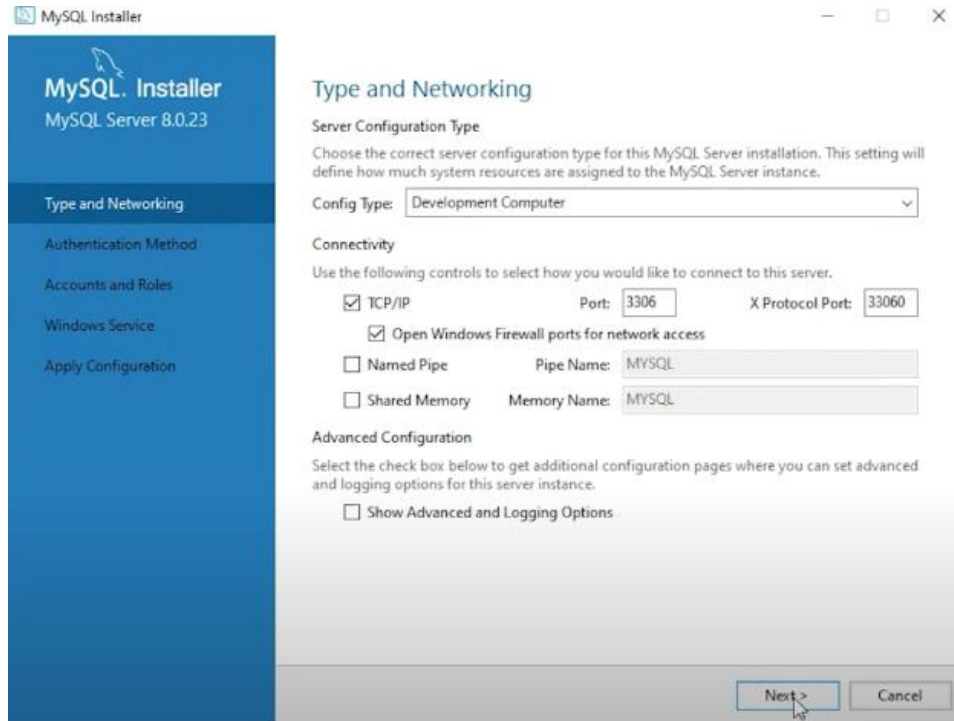**10** Once all the components are added, press next.

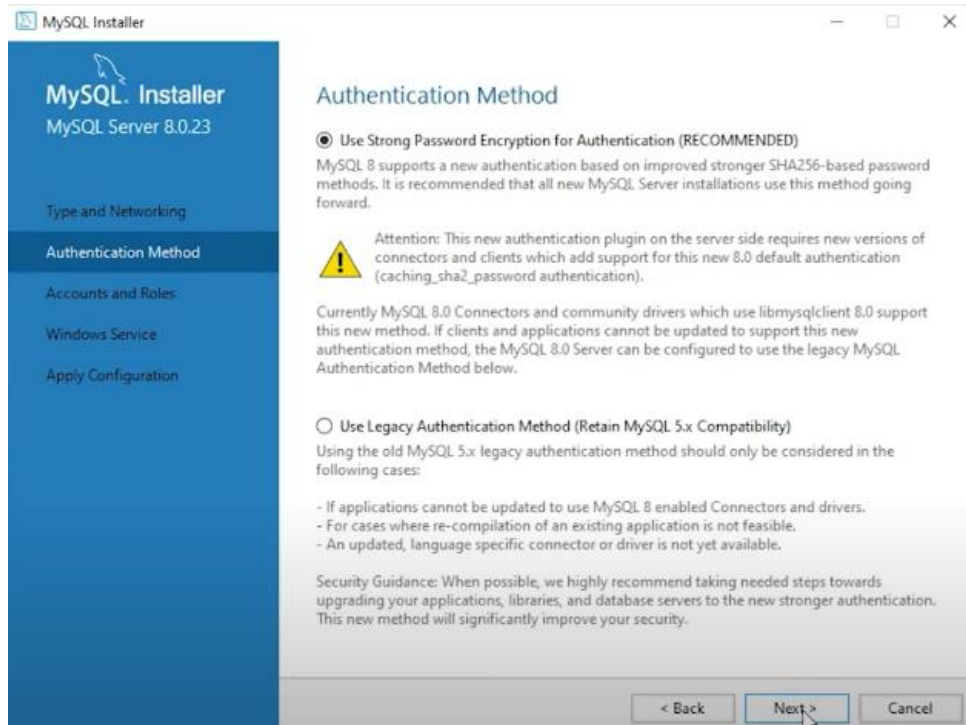**11** Press Execute then wait for the installer to install the components.
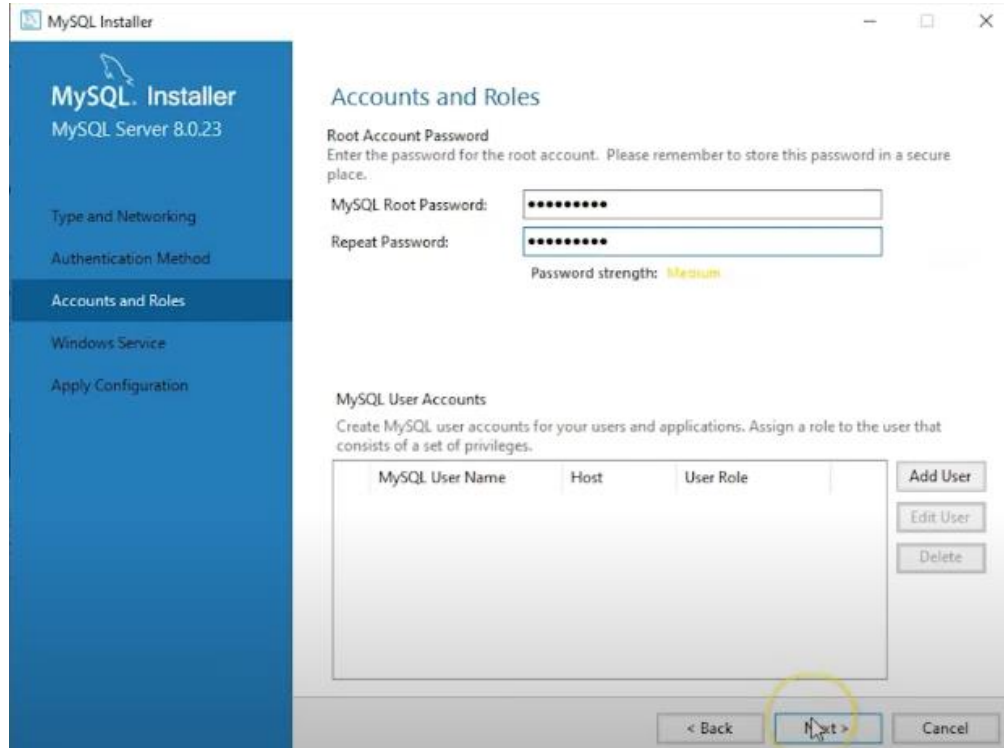

12 Once finished, press next.

13 Press Next once again until you reach the Type and Networking window and leave the inputs as default.
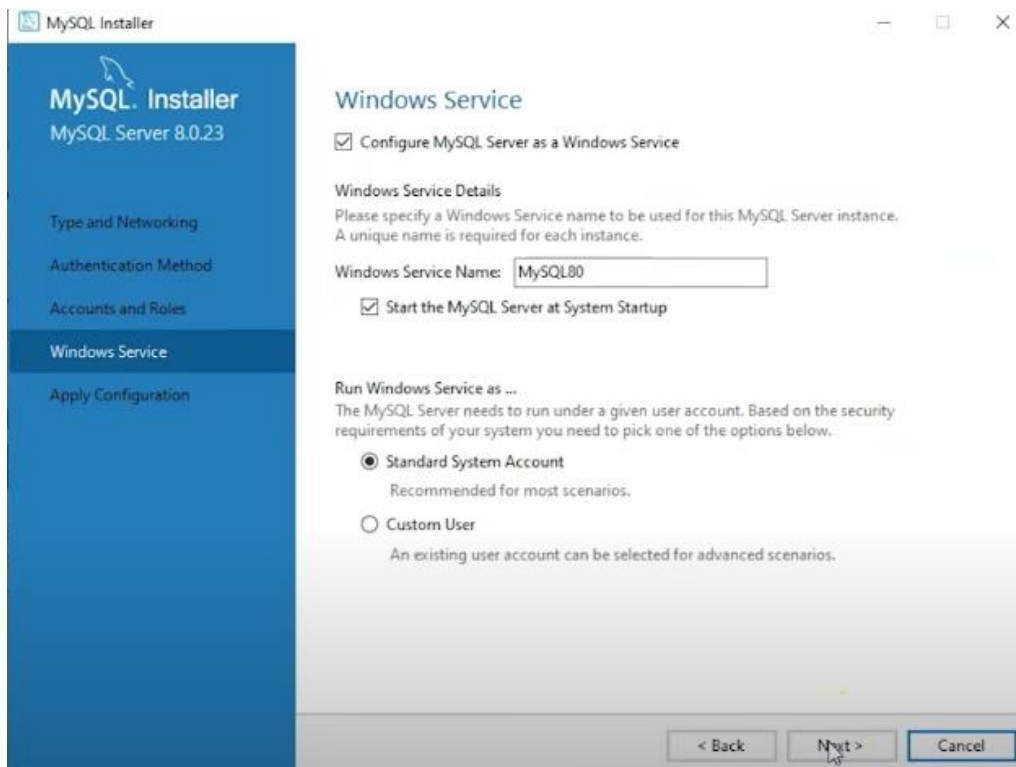

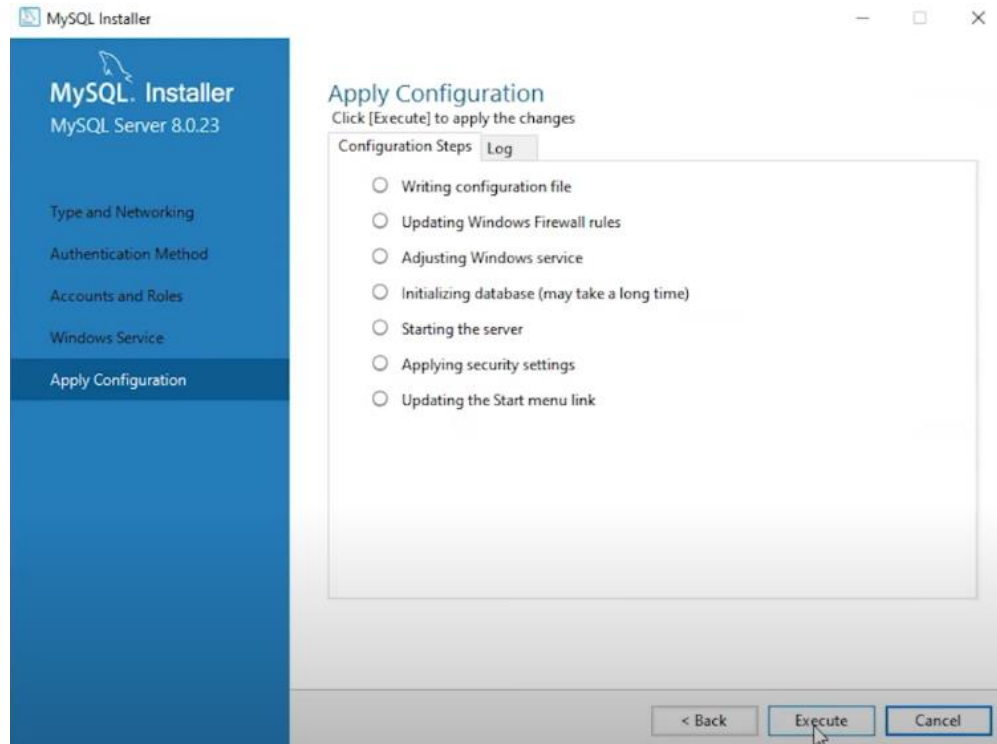**14** For Authentication Method, select Use Strong Password Encryption for Authentication, then press Next.

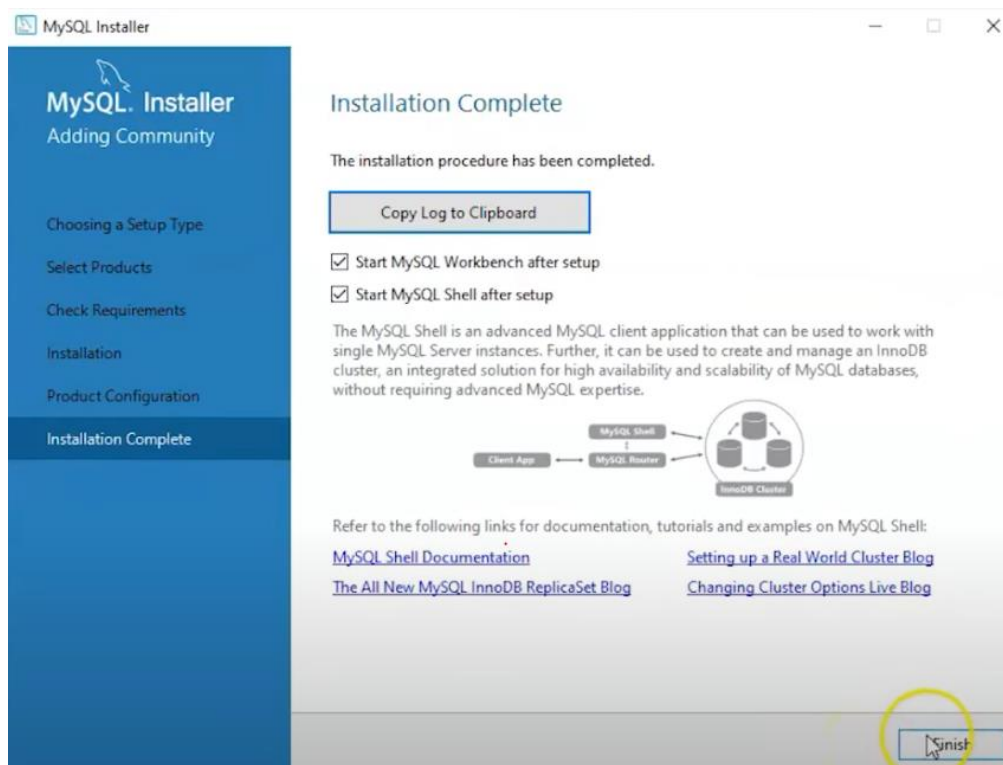**15** Set the Root password to:"**VillaRiveraDB**" then press Next.

16 Leave the information as default then press Next.
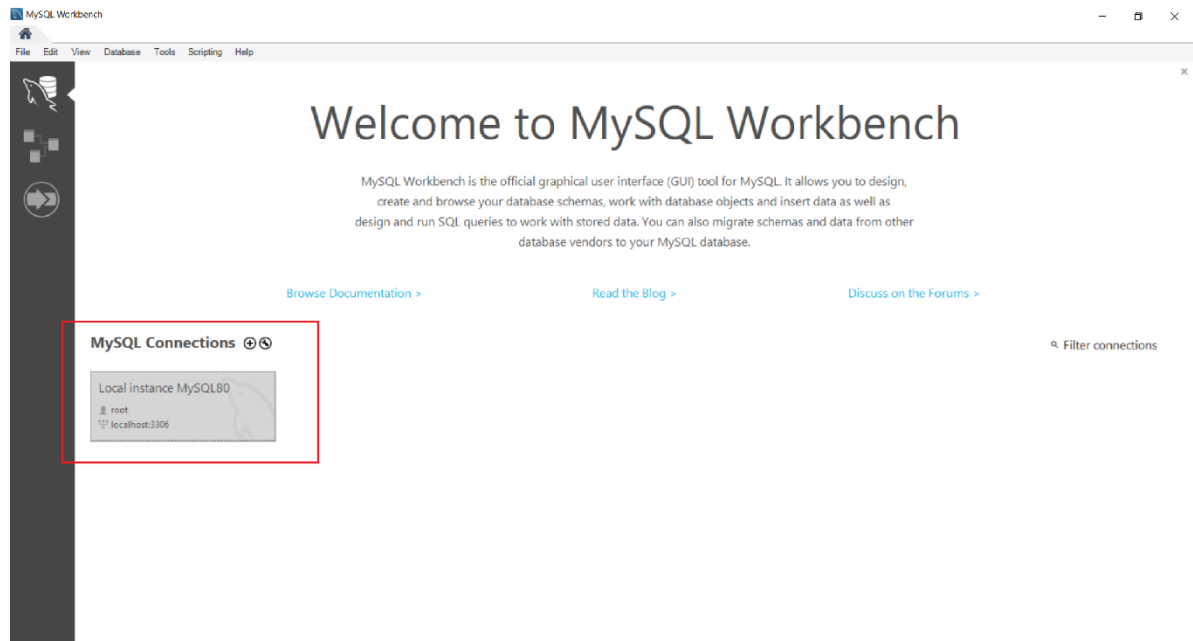
17 Press Execute then Finish.
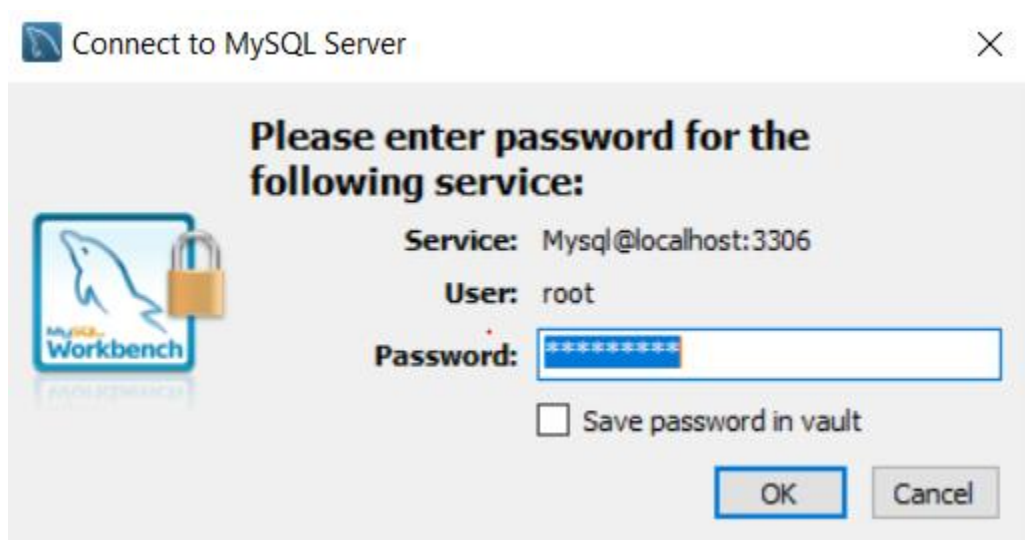

18 Then Next and Finish.

2.2 Database Creation

This step is directly after the MySQL installation. This is to establish your database which the developer's program will have to access.
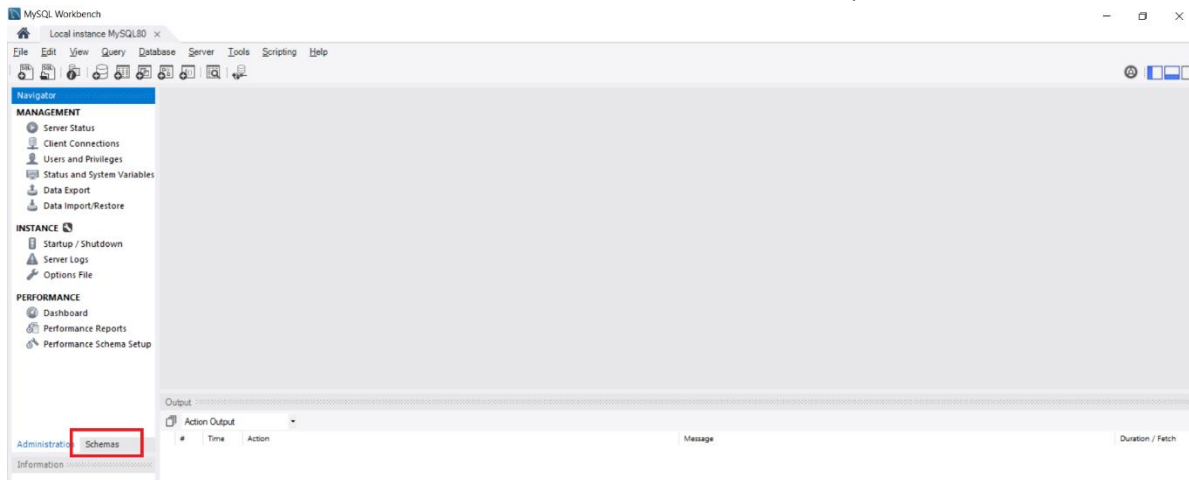
1   Open your MySQL Workbench and click on the highlighted box

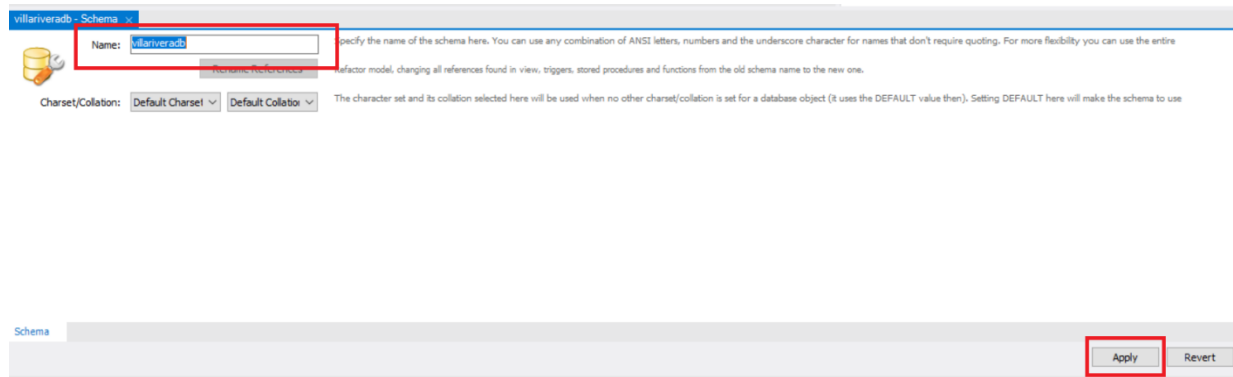**2**   Enter your password, **"VillaRiveraDB"** once prompted.

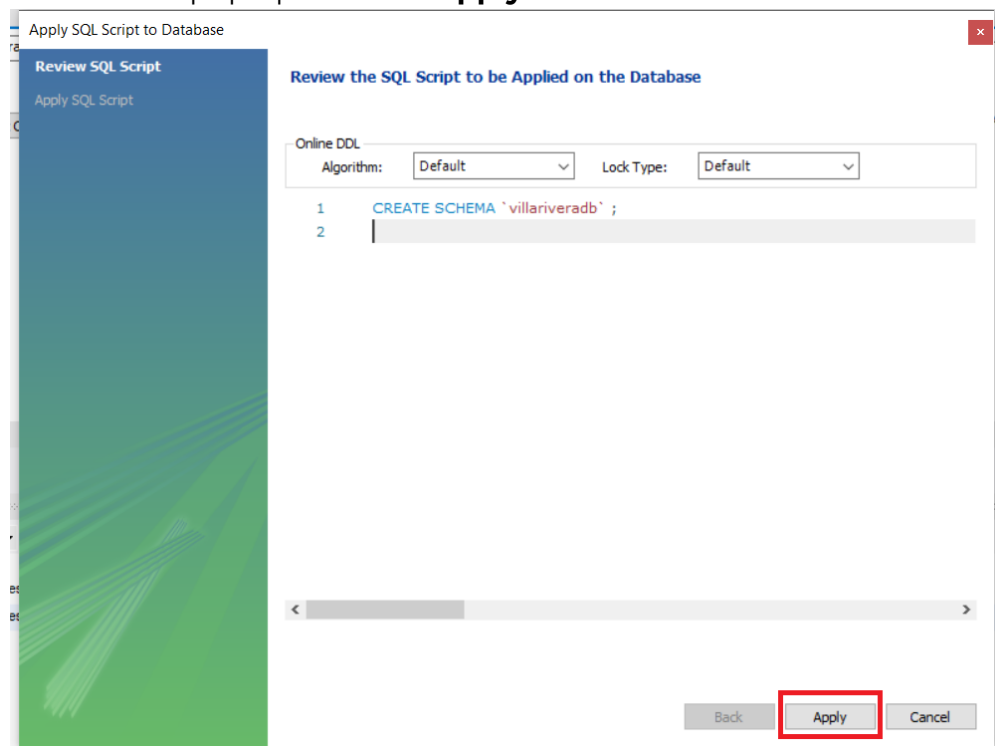**3** Click on the **Schemas** tab at the bottom of the left panel

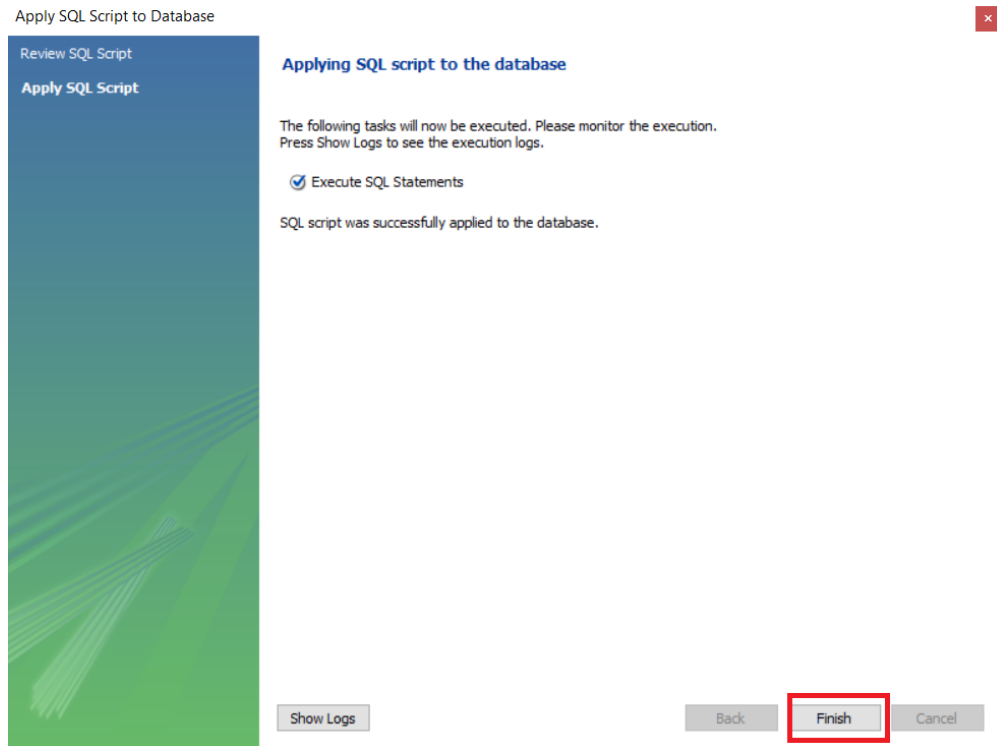**4** Once on the Schemas tab, right click on the left panel and choose **"Create Schema…"**.

5 Name it "**villariveradb**" and then click on **Apply**

6 A window will pop up. Click on **Apply.**

7 Finally, click on **Finish.**

8 You are set!

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3 Java Update/Installation

1 Go to **https://www.oracle.com/java/technologies/downloads/**

2 Scroll down to "Java SE Development Kit Downloads" and click on "**Windows**"

3 Click on the download button for "x64 MSI Installer"

4 Run the **downloaded file,** typically placed on your downloads folder
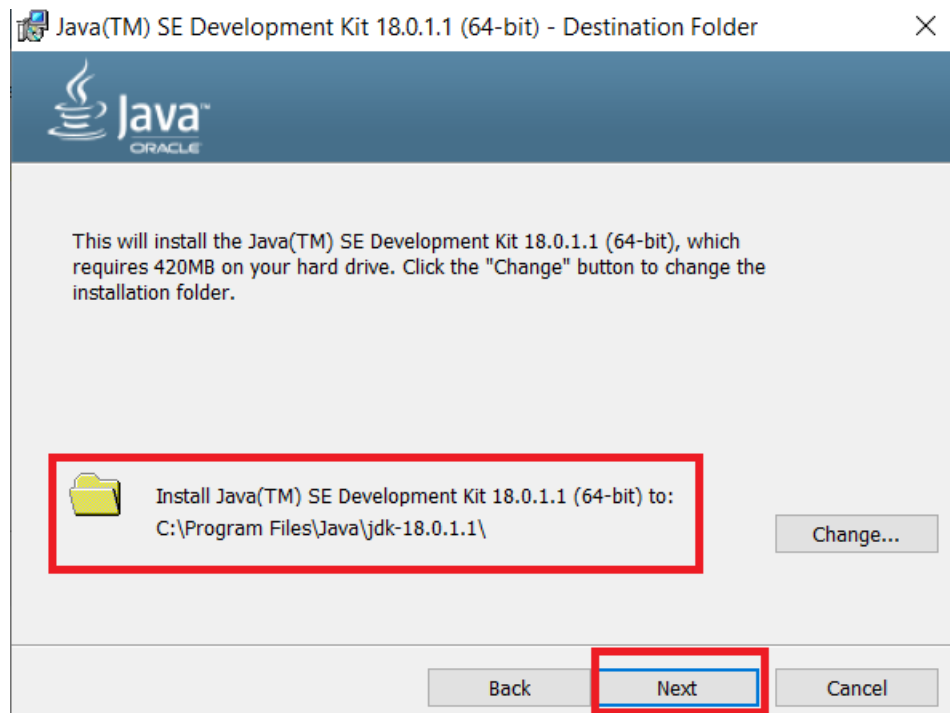
5

6 Click on **Run** upon a window pop up
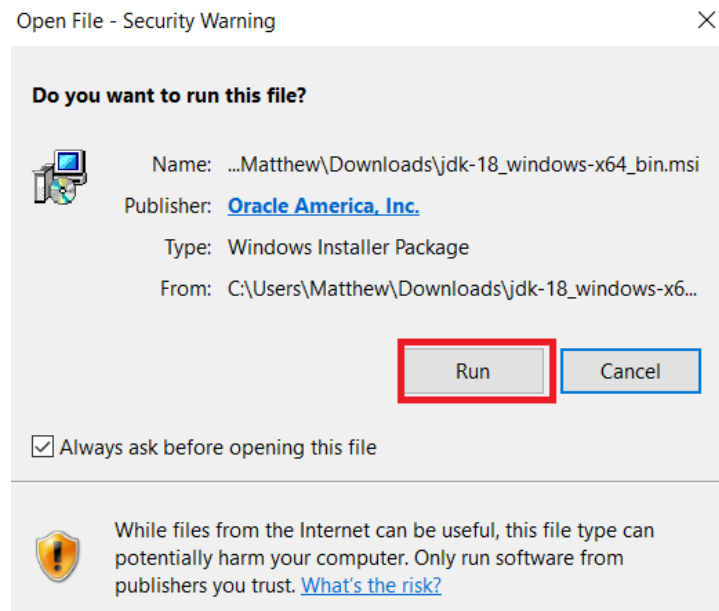
‼️ If you are prompted for a reinstallation, you may close it and there is no need to continue further. Java has already been installed on your system. ‼️

7 Click on **Next**

8 For future references, take note on where it will be installed. Click on **Next.**

9 Wait for the installation to finish.

10 Finally, click **Close.**

--End Of Program Manual--