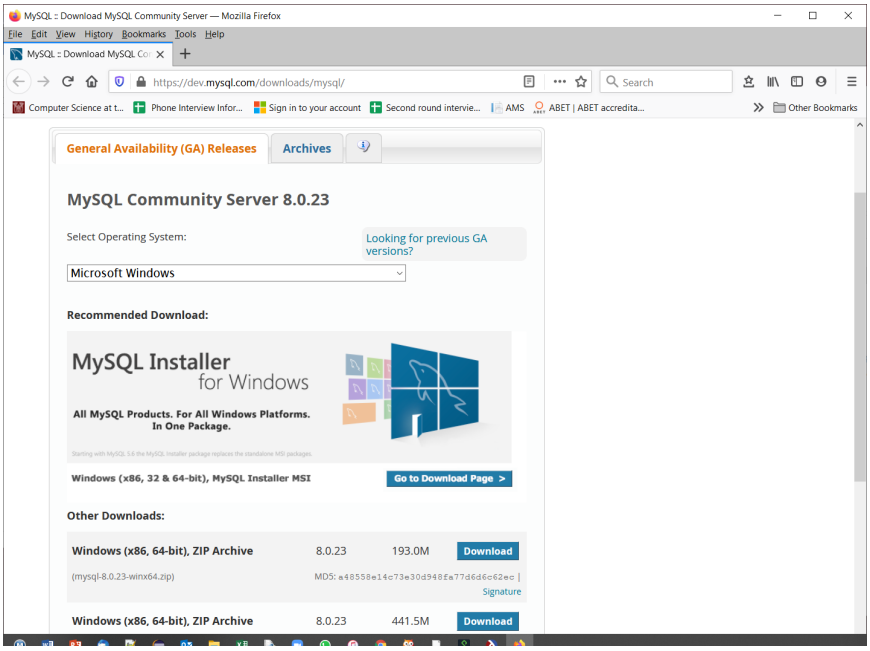
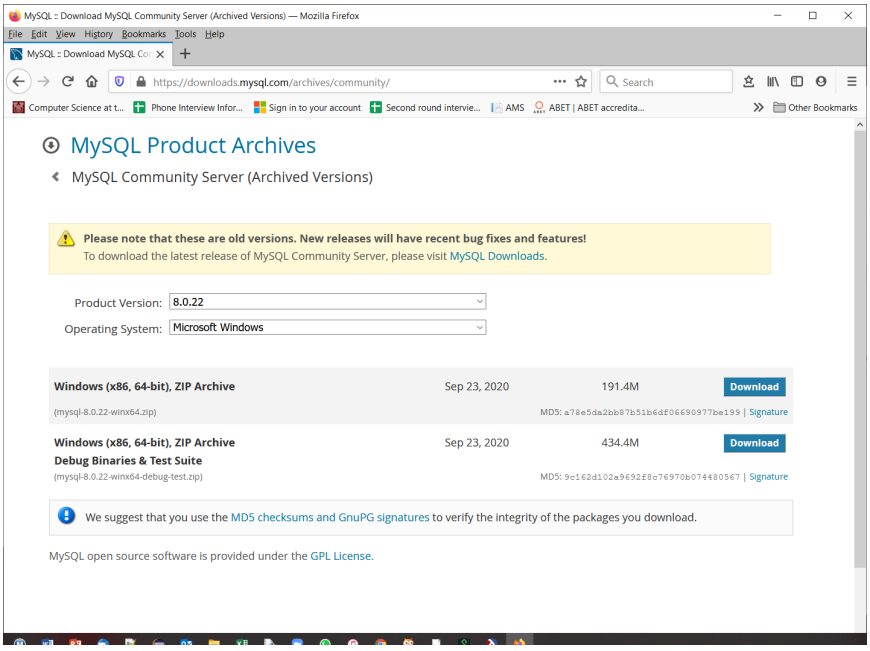
DATA210 Dataset Organization and Management
Spring 2021
G. Pothering
Laboratory 0 **Windows Installation**
MySQL Workbench Installation

## Installing the MySQL

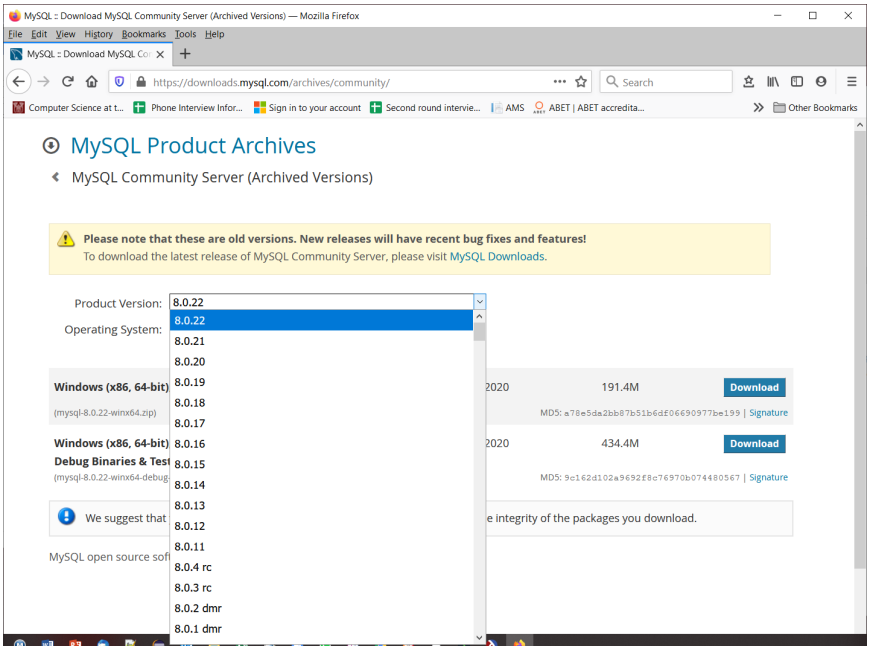
1. Go to the following web site https://dev.mysql.com/downloads/mysql/, where you will see the following window.



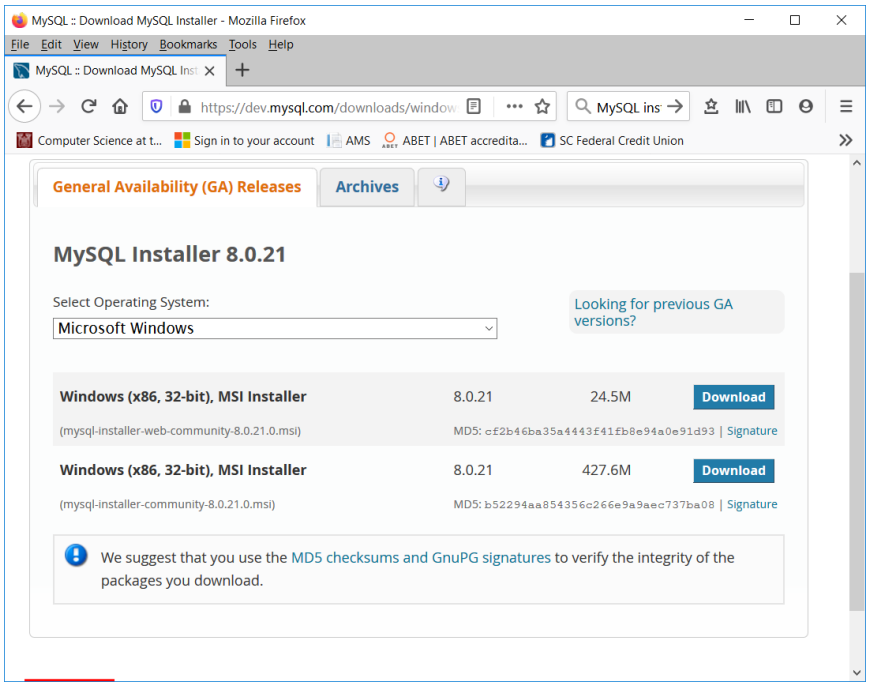

2. Click on the **Archives** tab, after which you will see the following




3. Click on down arrow at the right of the Product Version entry to get the following

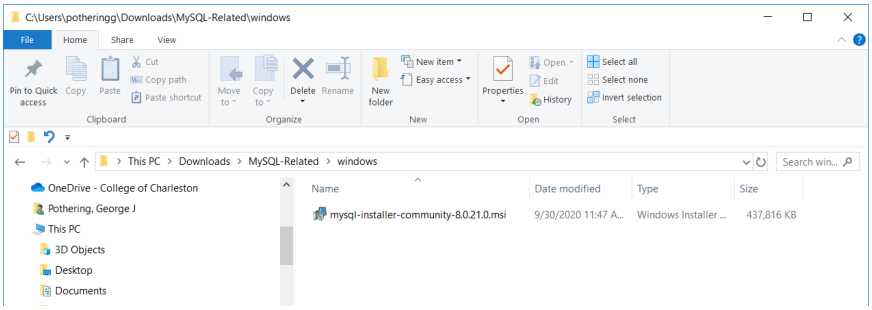



4. Select 8.0.21 to get

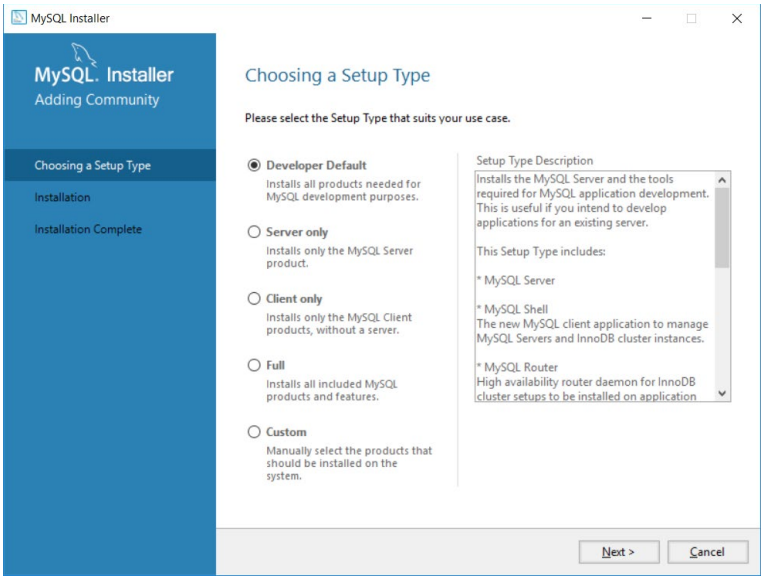



5. Click the Download button for the 24.5M, MSI Installer, and save it to a location of your choice.

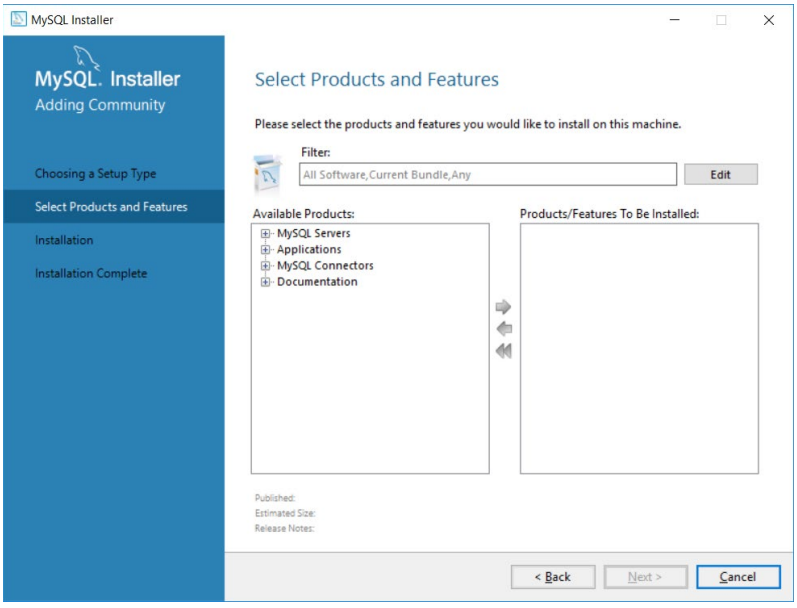
6. Once the installation is complete double-click on the **mysql-installer-community-8.0.21.0.msi** entry to begin the installation process



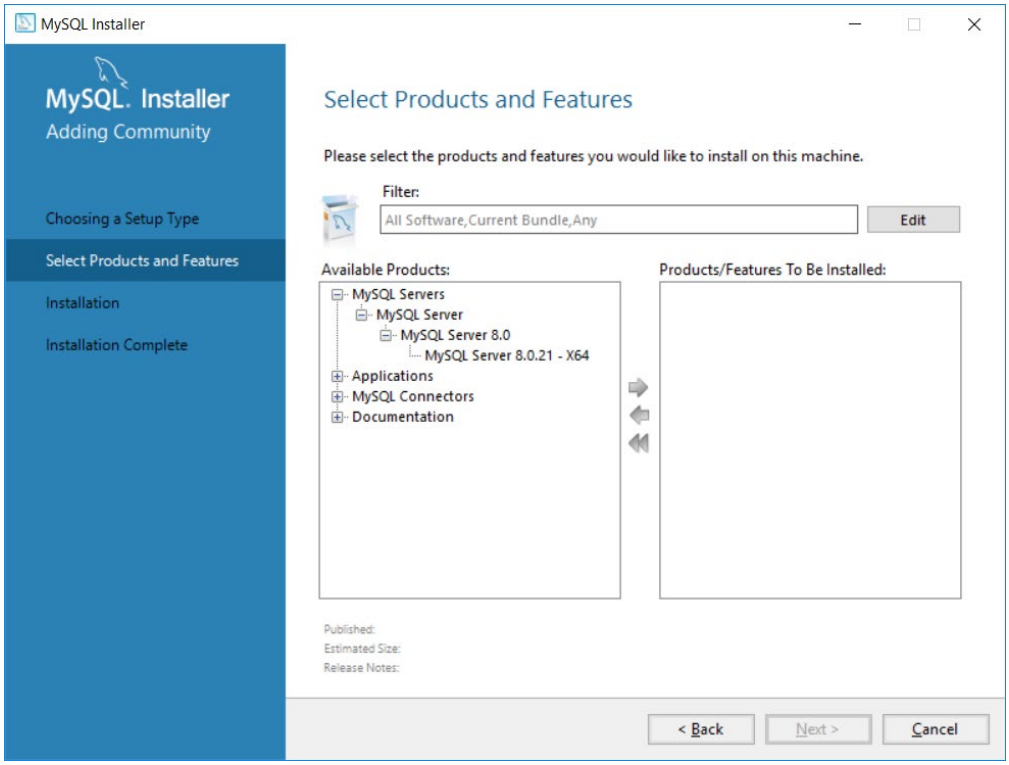

7. You will see the following window



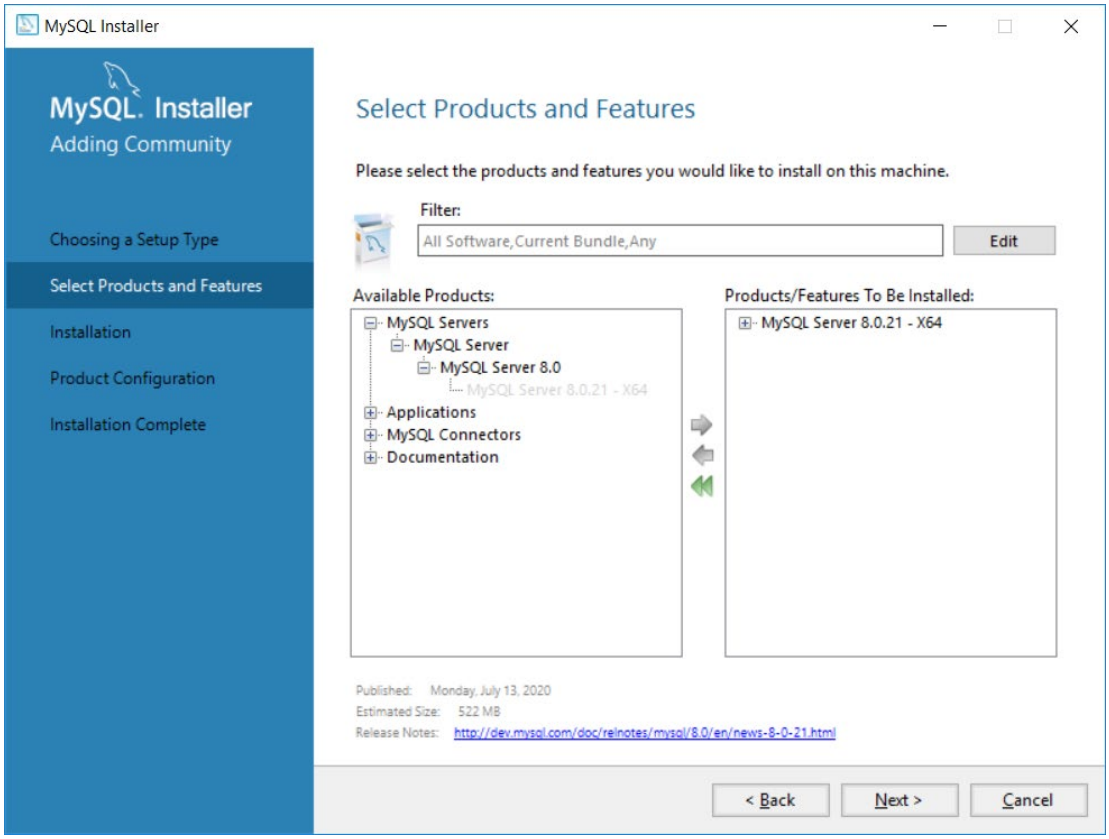

Select the **Custom** option and then click Next. You will then see the following window



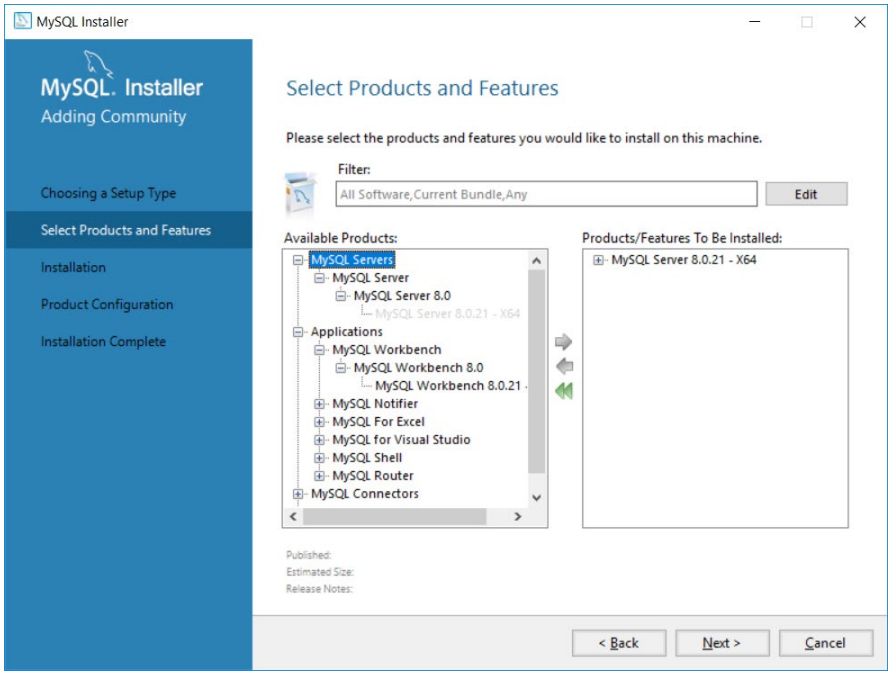
8. Click the + sign next to MySQL Servers, then next to MySQL Server and finally next toMySQL Server 8.0 to see the following window



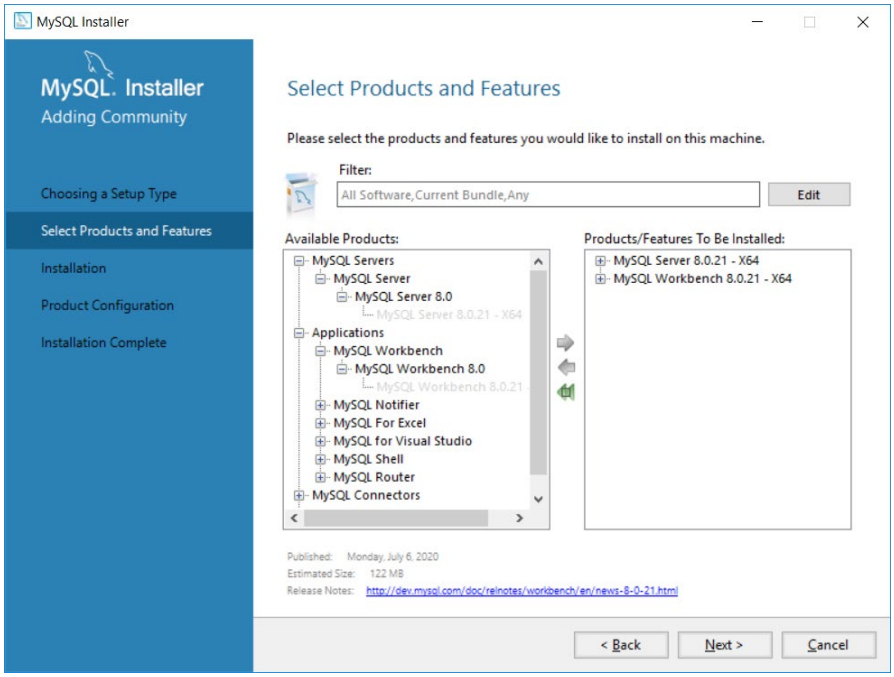

9. Click on the MySQL Server 8.0.21 entry. The rightward pointing arrow should turn green. Click on it to get the following.



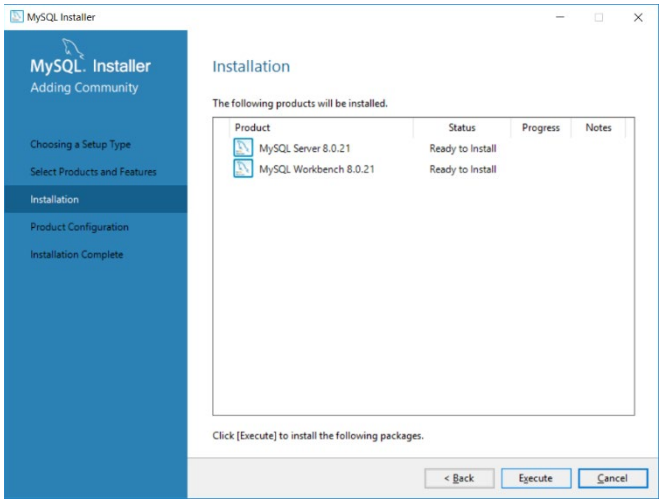
10. Now do the same with the Applications entry in the left panel, clicking on the + signs for MySQL Workbench until you see the following



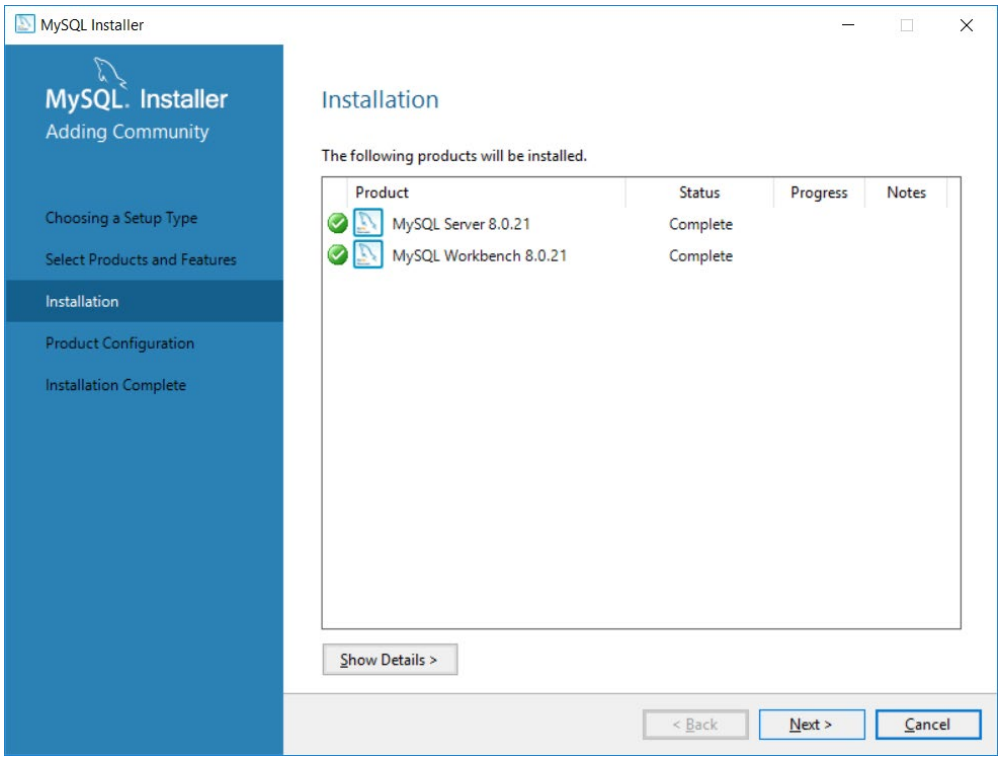

11. Click on MySQL Workbench 8.0.21, once again the right arrow should turn green, click on it, and you will see the following.



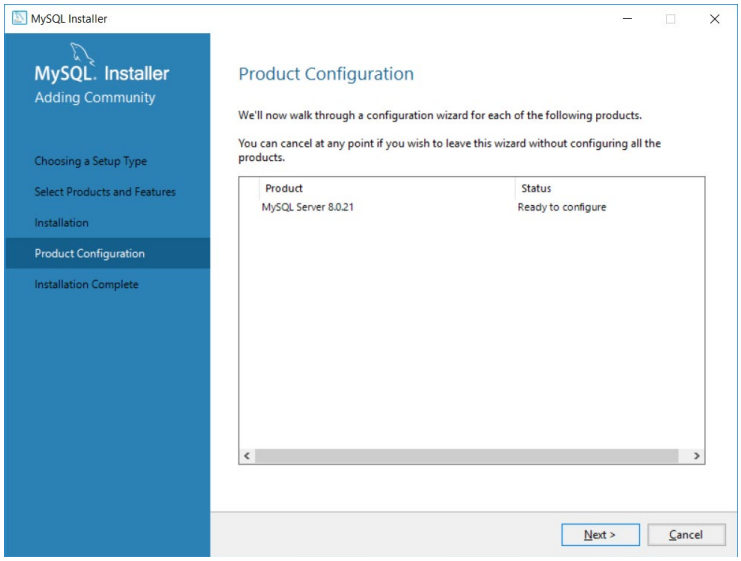

12. Click on Next to get the window on the next page, and then click Execute to start the installation.

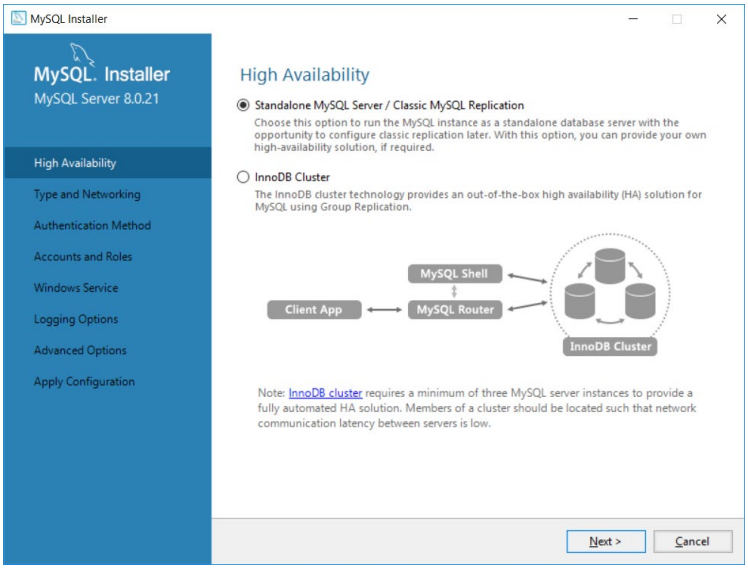


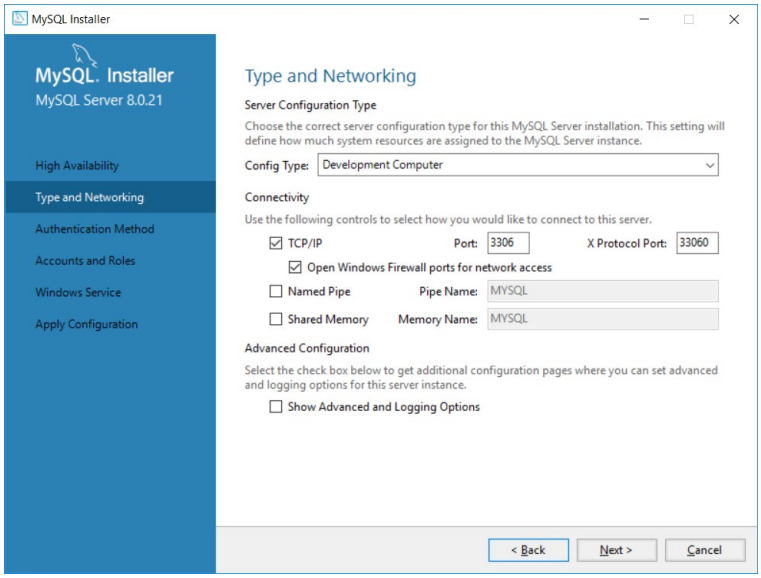

13. In the course of the installation you will see the status in the above window changing, ultimately giving you the following window.

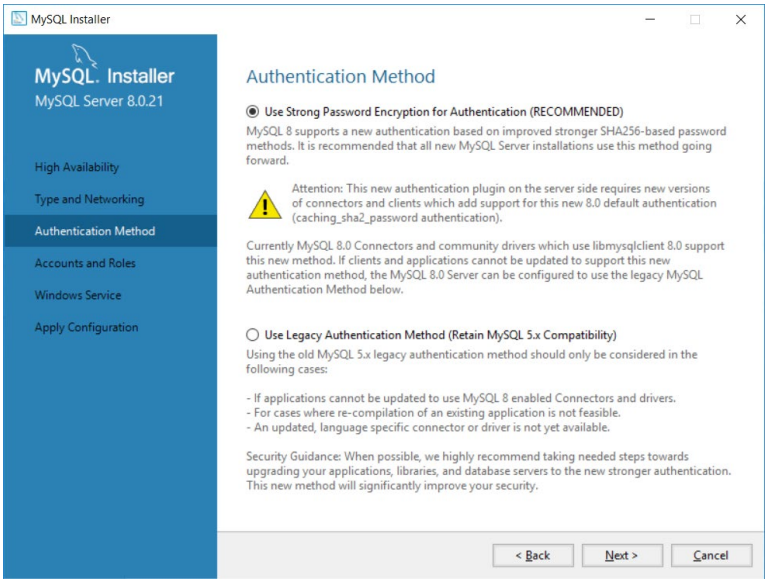



14. Clicking Next each time will take you through the following sequence of windows

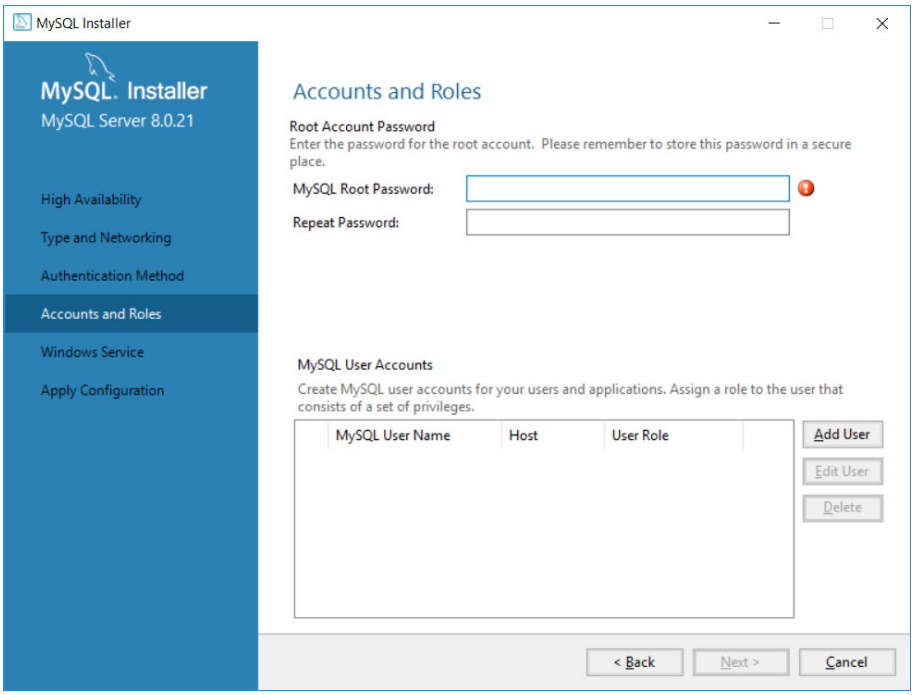

MySQL Installer
MySQL. Installer
Adding Community
Choosing a Setup Type
Select Products and Features
Installation
Product Configuration
Installation Complete
Product Configuration
We'll now walk through a configuration wizard for each of the following products.
You can cancel at any point if you wish to leave this wizard without configuring all the products.
Product
Status
MySQL Server 8.0.21
Ready to configure
Next >
Cancel


MySQL Installer
MySQL. Installer
MySQL Server 8.0.21
High Availability
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Logging Options
Advanced Options
Apply Configuration
High Availability
Standalone MySQL Server / Classic MySQL Replication
Choose this option to run the MySQL instance as a standalone database server with the opportunity to configure classic replication later. With this option, you can provide your own high-availability solution, if required.
InnoDB Cluster
The InnoDB cluster technology provides an out-of-the-box high availability (HA) solution for MySQL using Group Replication.
MySQL Shell
Client App
MySQL Router
InnoDB Cluster
Note: InnoDB cluster requires a minimum of three MySQL server instances to provide a fully automated HA solution. Members of a cluster should be located such that network communication latency between servers is low.
Next >
Cancel

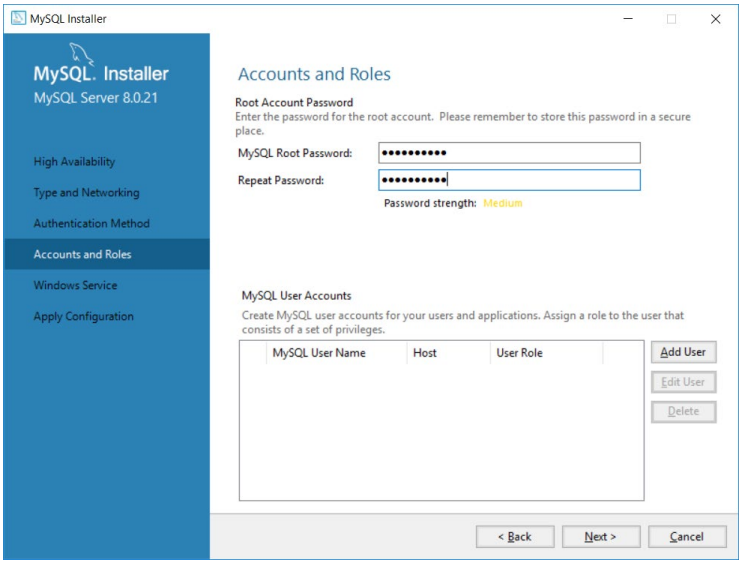

MySQL Installer
MySQL. Installer
MySQL Server 8.0.21
High Availability
Type and Networking
Authentication Method
Accounts and Roles
Windows Service
Apply Configuration
Type and Networking
Server Configuration Type
Choose the correct server configuration type for this MySQL Server installation. This setting will define how much system resources are assigned to the MySQL Server instance.
Config Type: Development Computer
Connectivity
Use the following controls to select how you would like to connect to this server.
TCP/IP
Port: 3306
X Protocol Port: 33060
Open Windows Firewall ports for network access
Named Pipe
Pipe Name: MYSQL
Shared Memory
Memory Name: MYSQL
Advanced Configuration
Select the check box below to get additional configuration pages where you can set advanced and logging options for this server instance.
Show Advanced and Logging Options
< Back
Next >
Cancel



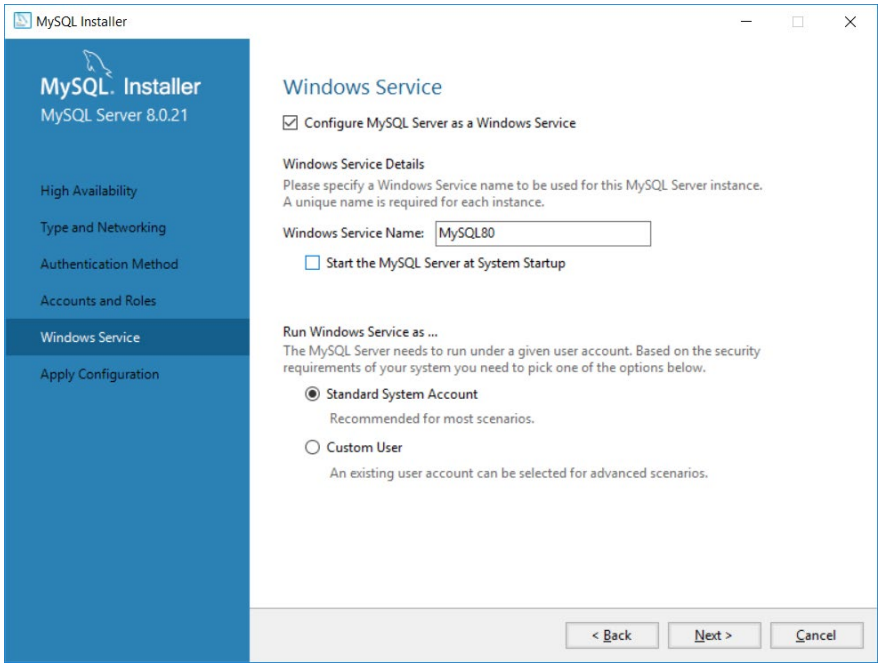

15. When you get to the window below you must supply a password for what will be known as the root account. Working under the root account is like being given the keys to the kingdom, so make up a password you will remember. I suggest using your C of C user account password to make remembering easier.



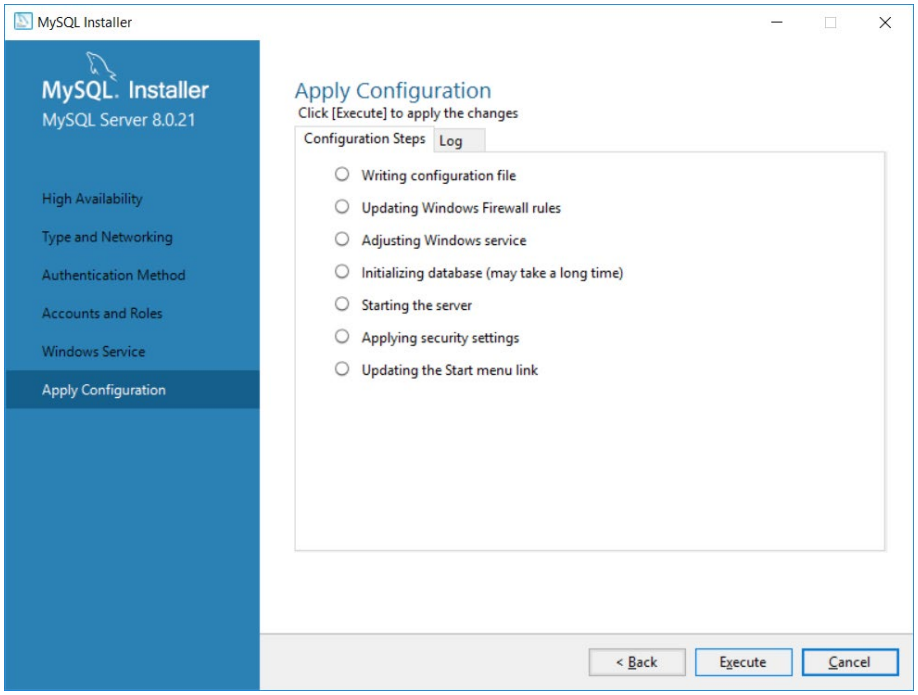

After entering it and its repetition, the Next button should become active so you can click on it.



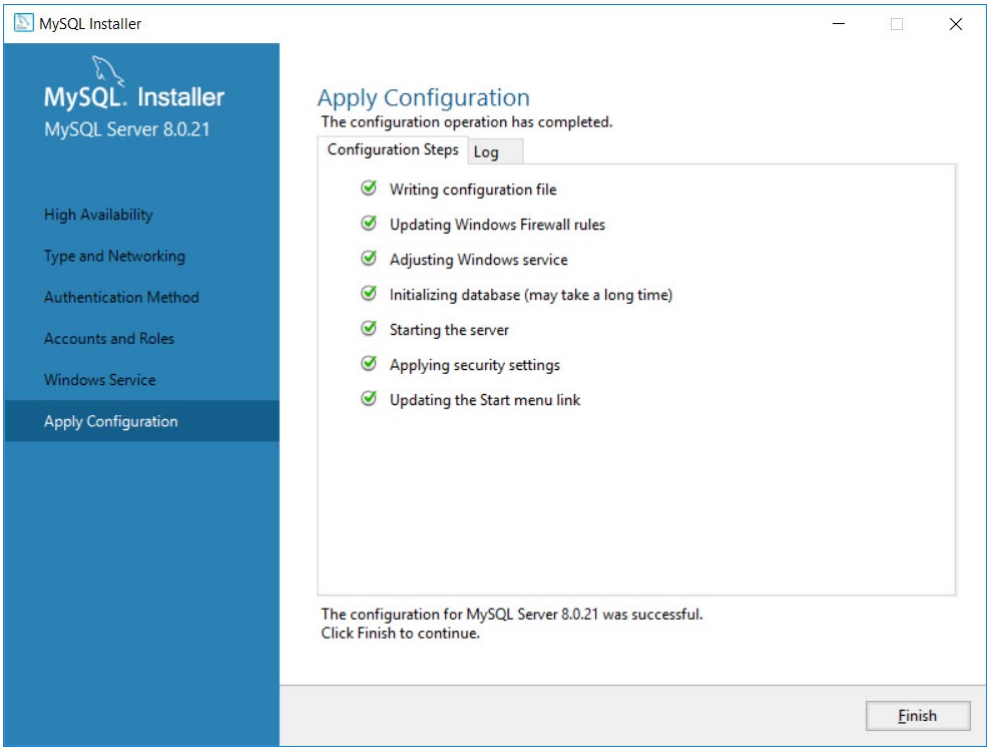

16. In the ensuing window uncheck the entry that says Start the MySQL Server at System Startup to get the window below (you don't want to have MySQL running after every restart of your computer, do you?).



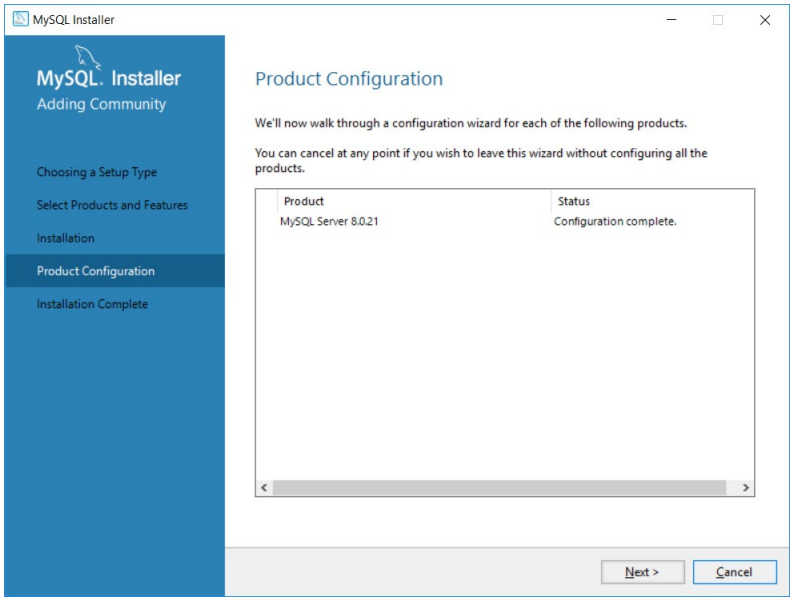

Click Next, and then click Execute in the follow-up window shown below

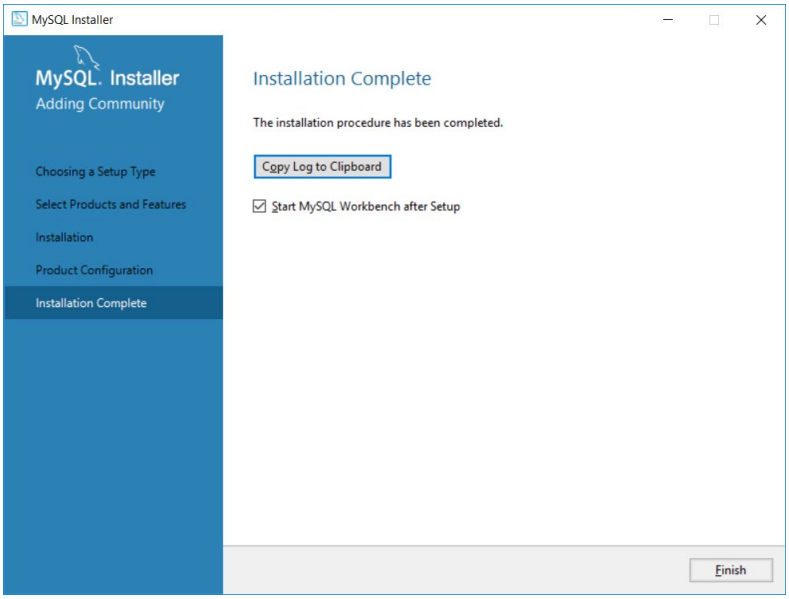



17. You can now watch the progress of the configuration until you see the following window, when you can click Finish.

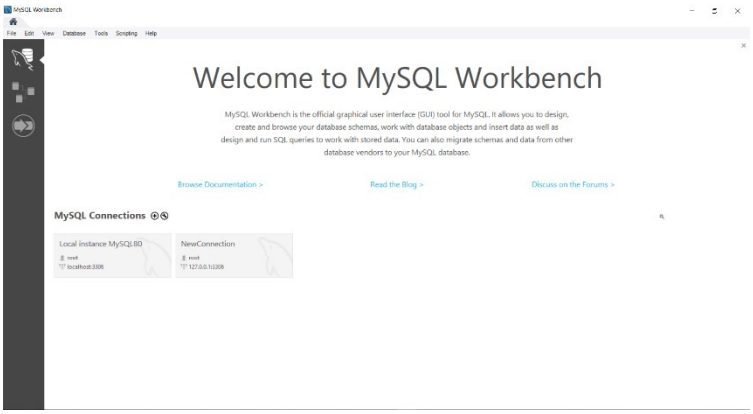



18. You may think you are finished…but you're not! Click Next n the window shown on the next page, and then Finish in the follow-up window. Leave the checkmark in the **Start MySQL Workbench after Setup** entry.

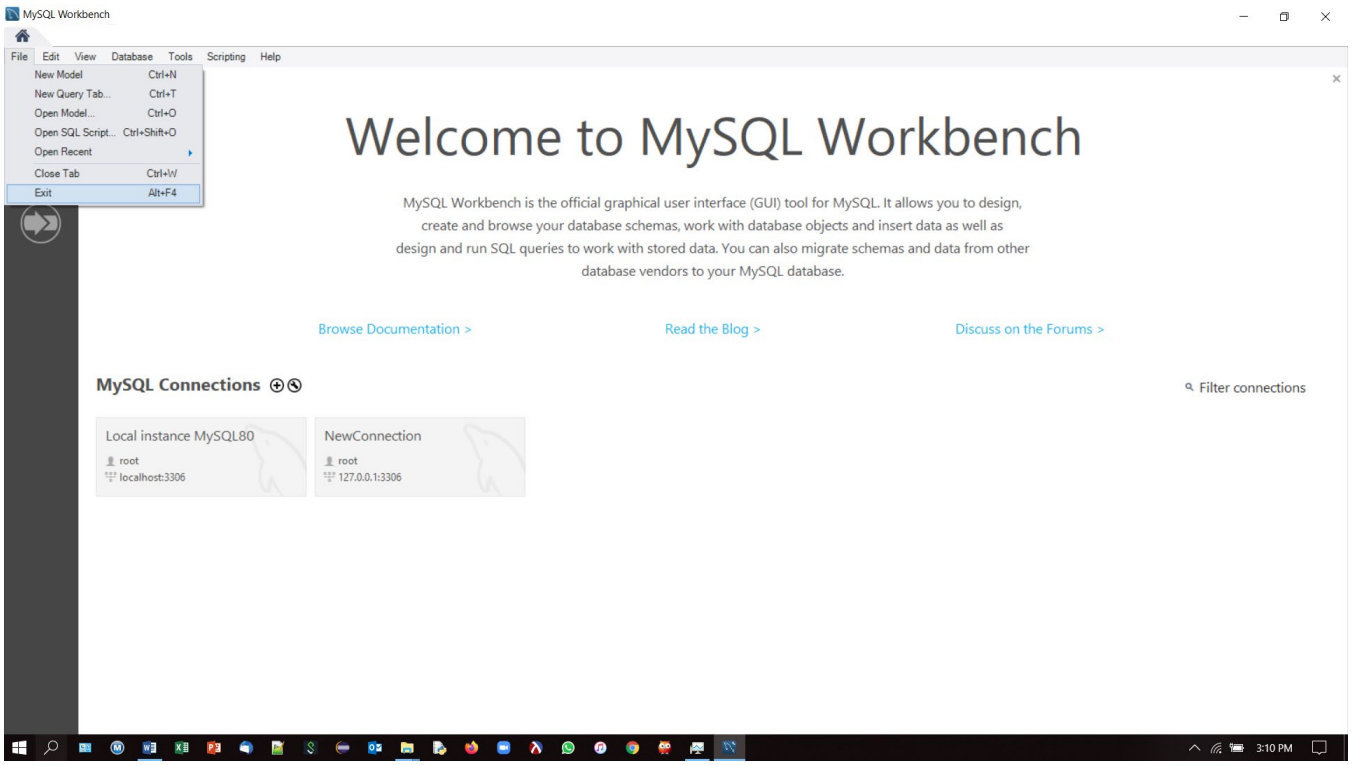



19. You should next see the following window.




If you do click on the File menu and then the Exit menu item as shown on the next page. This will close MySQLWorkbench. Now you are done with this lab.


MySQL Workbench
File Edit View Database Tools Scripting Help
New Model Ctrl+N
New Query Tab... Ctrl+T
Open Model... Ctrl+O
Open SQL Script... Ctrl+Shift+O
Open Recent
Close Tab Ctrl+W
Exit Alt+F4
Welcome to MySQL Workbench
MySQL Workbench is the official graphical user interface (GUI) tool for MySQL. It allows you to design, create and browse your database schemas, work with database objects and insert data as well as design and run SQL queries to work with stored data. You can also migrate schemas and data from other database vendors to your MySQL database.
Browse Documentation >
Read the Blog >
Discuss on the Forums >
MySQL Connections
Filter connections
Local instance MySQL80
root
localhost:3306
NewConnection
root
127.0.0.1:3306
3:10 PM