PRACTICAL-1　　　　　　　　　　　　　　　　　DATE:　/　/

AIM:- To install and configure MYSQL database in Computer System.

MySQL supports multiple storage engines each with its own specifications
two of the storage engines supported by MySQL is
• InnoDB: - its default storage engine provided with MySQL as of version 5.5. InnoDB
supports foreign keys for referential integrity and also supports ACID-standard
transactions.
• MyISAM: - it was the default storage engine for MySQL prior to version 5.5. MyISAM
lacks support for transactions. Its advantages over InnoDB include simplicity and high
performance.

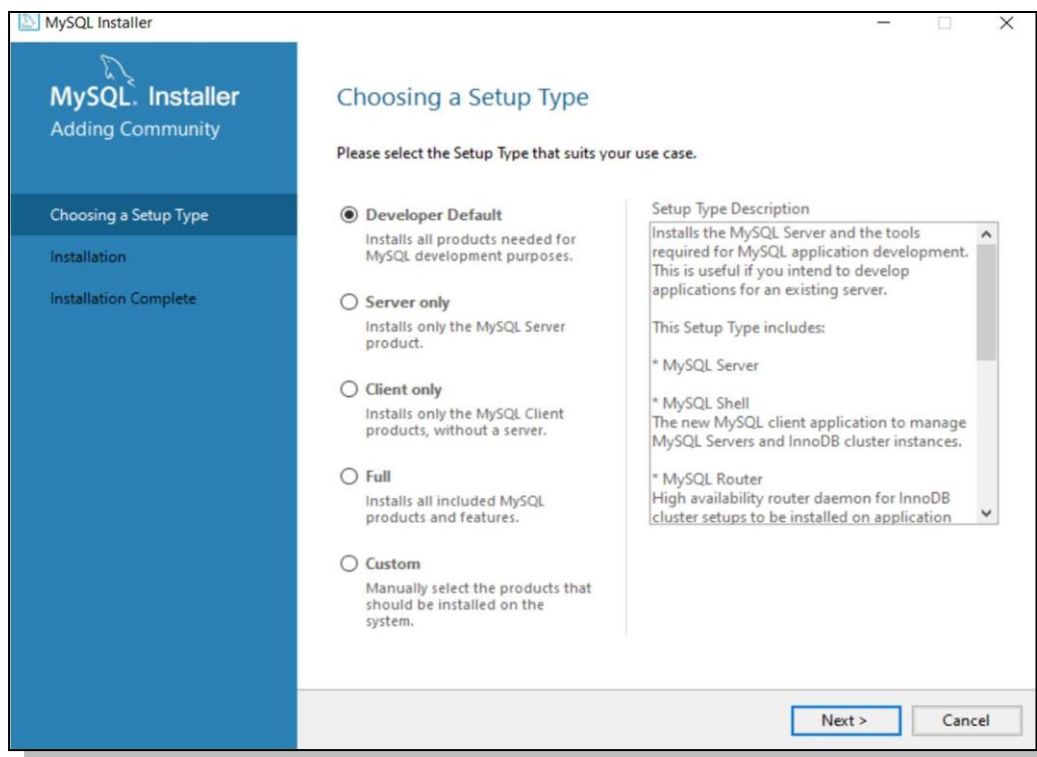At the time of writing this guide there are two later versions available
1. MySQL 5.5 is the current development release series
2. MySQL 5.1 is the current General Availability (Production) release series

The download you need for Windows is 'MSI Installer' for your system
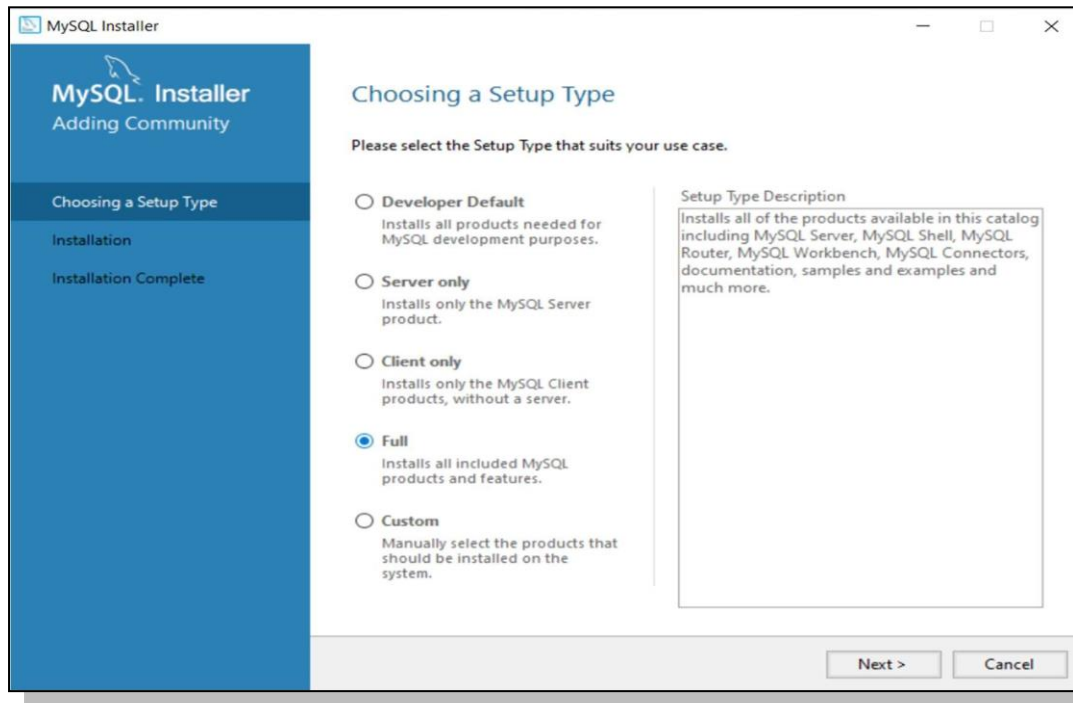　　Mysql-essential-X.XX.XX-win32.msi - for 32 bit Windows OR
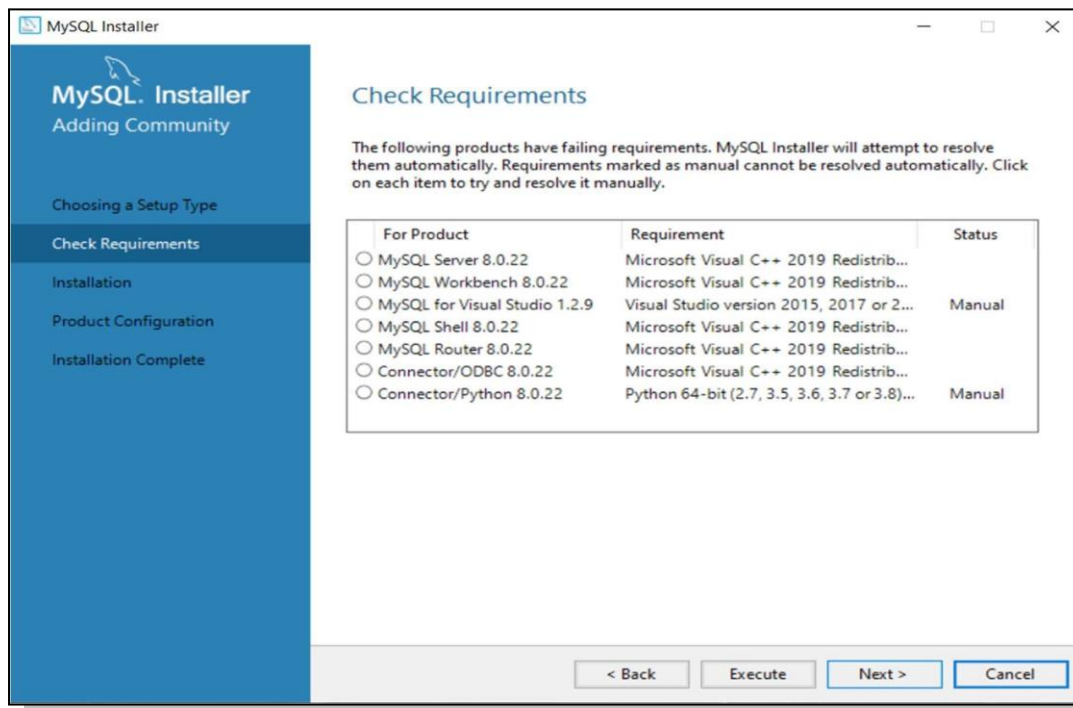　　Mysql-essential-X.XX.XX-winx64.msi - for 64 bit Windows

Step 1: Choosing a Setup Type: there are several setup types available. Choosethe Full
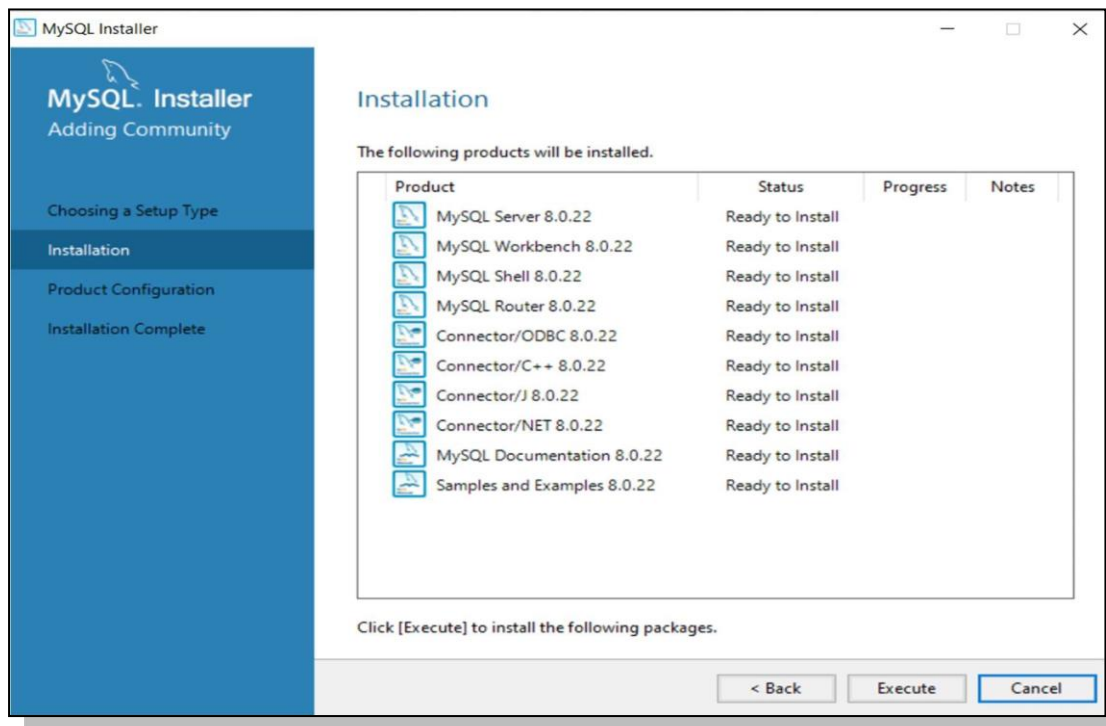option to install all MySQL products and features.

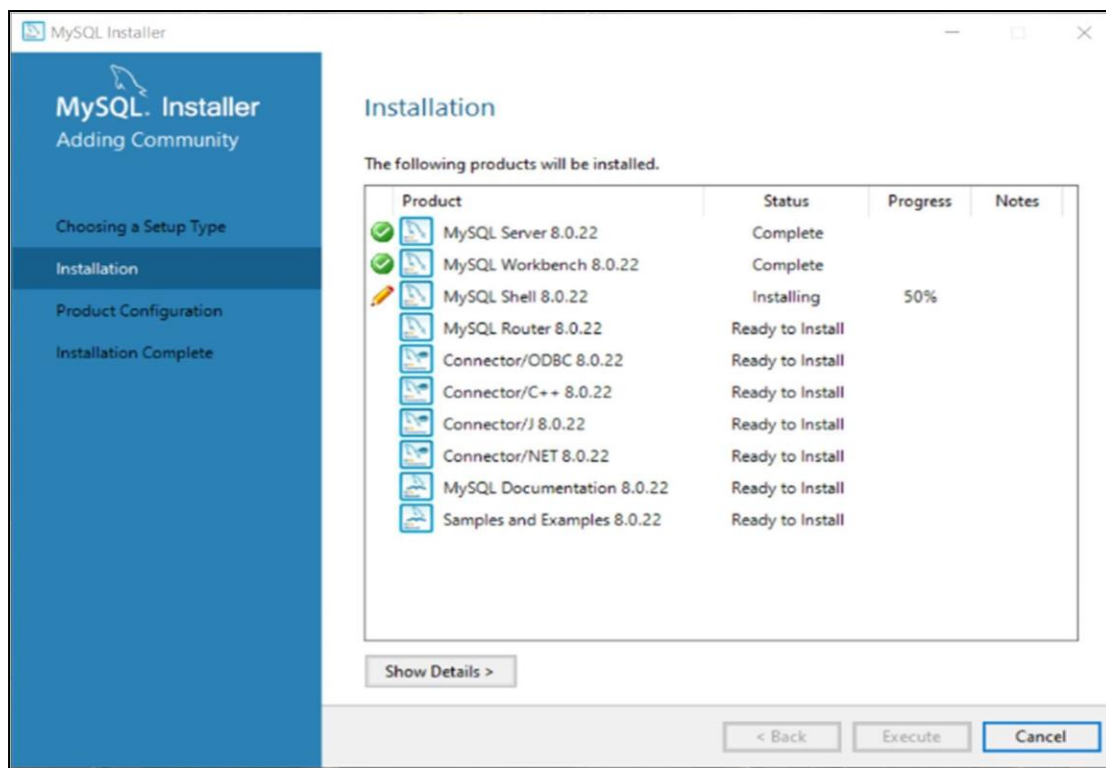**Step 2:** Select Full Setup Type & click on next.
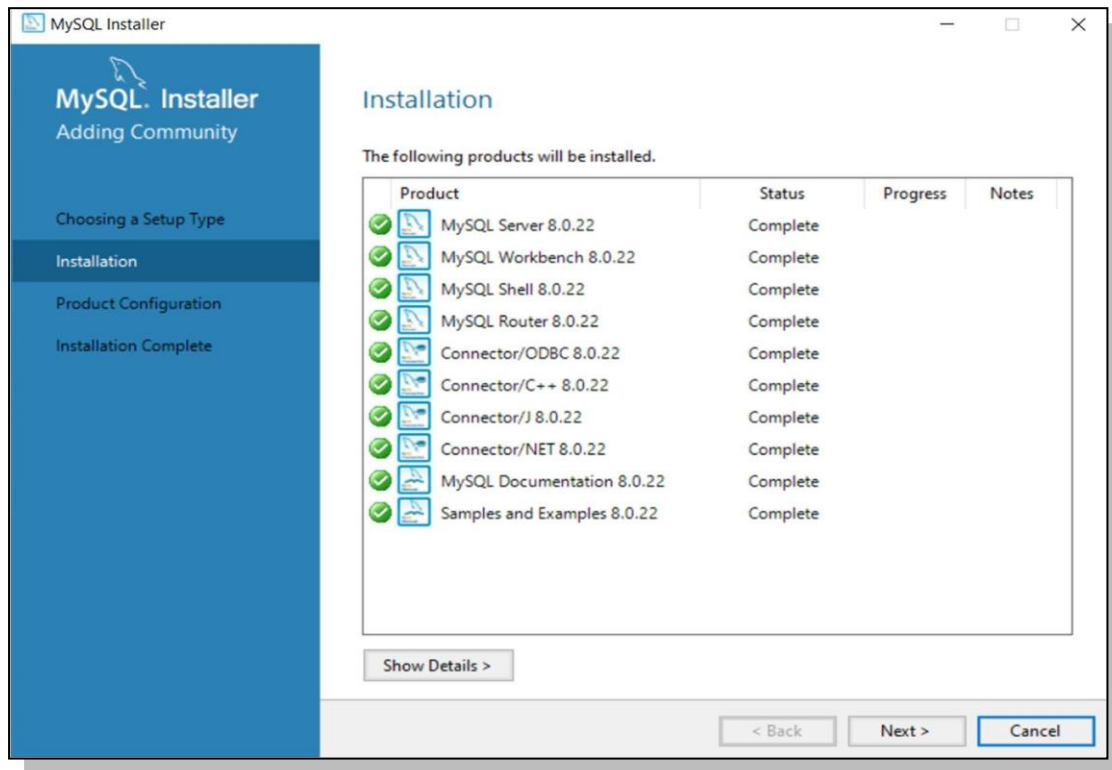

Step 3: Checking Requirements.

Step 4: Installation Progress: MySQL Installer downloads all selected products.It will take a while, depending on which products you selected and the speed of your internet connection.
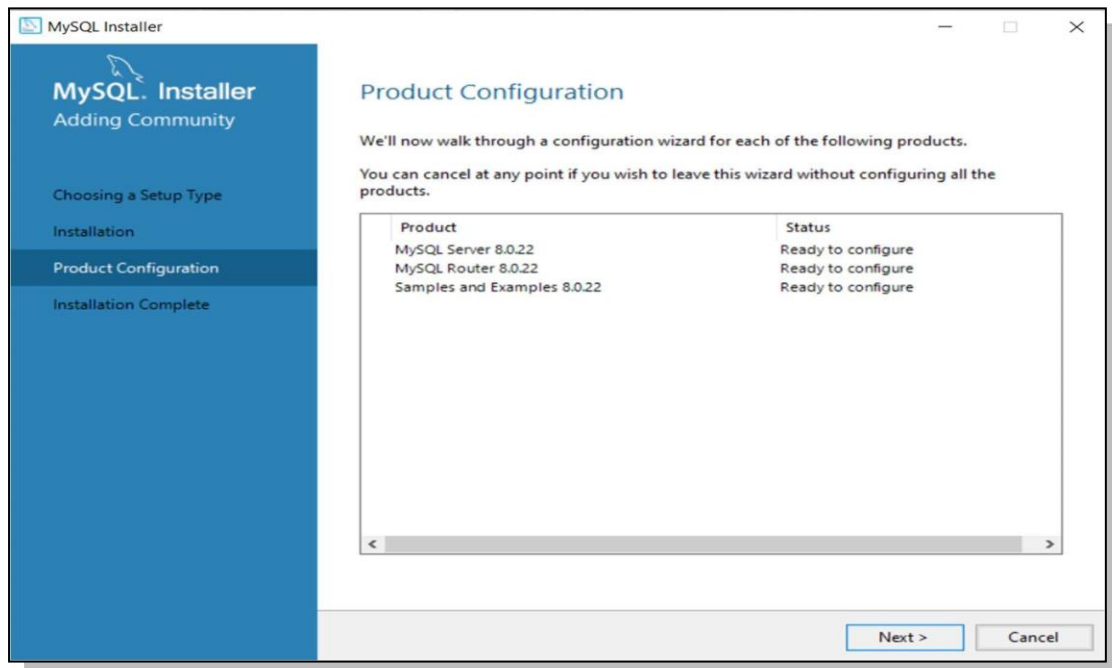

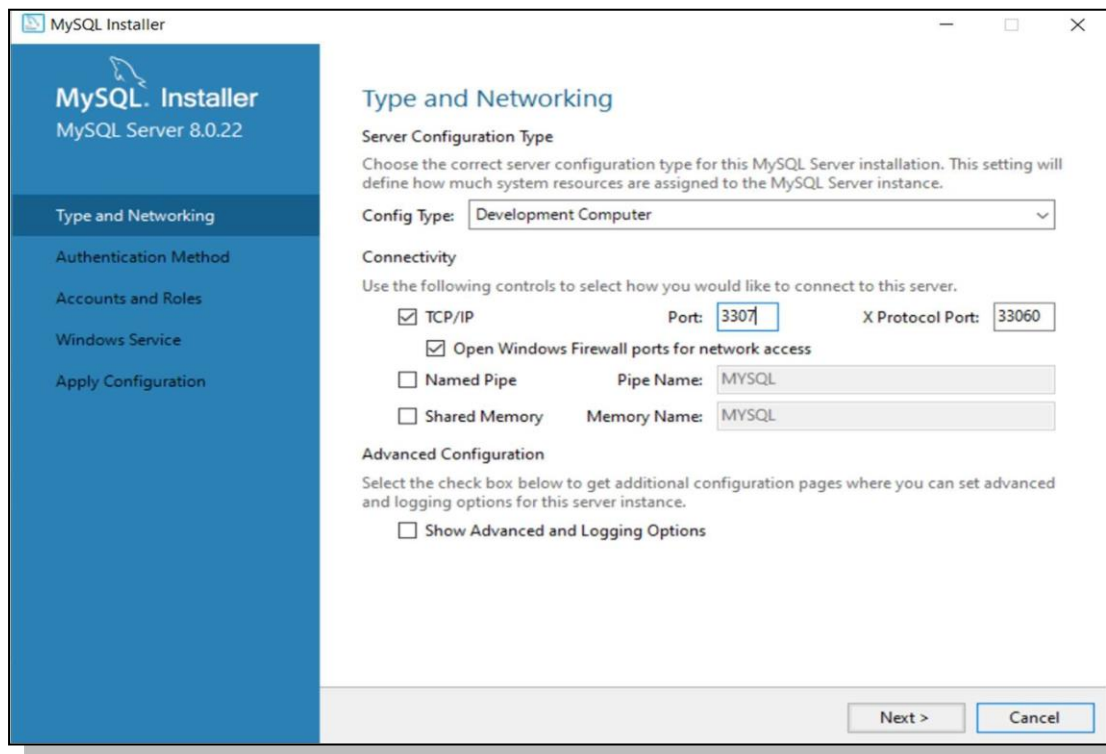**Step 5:** Installation Progress: downloading Products in progress.

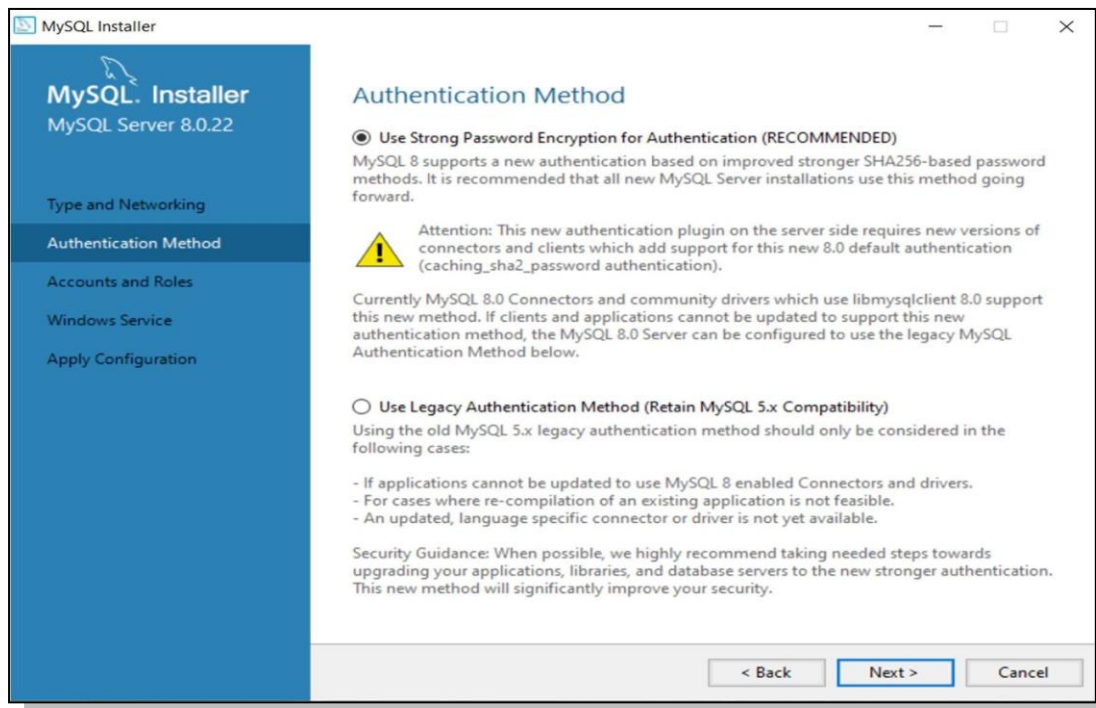**Step 6:** Installation Progress: Complete Downloading. Click the **Next** button to continue…

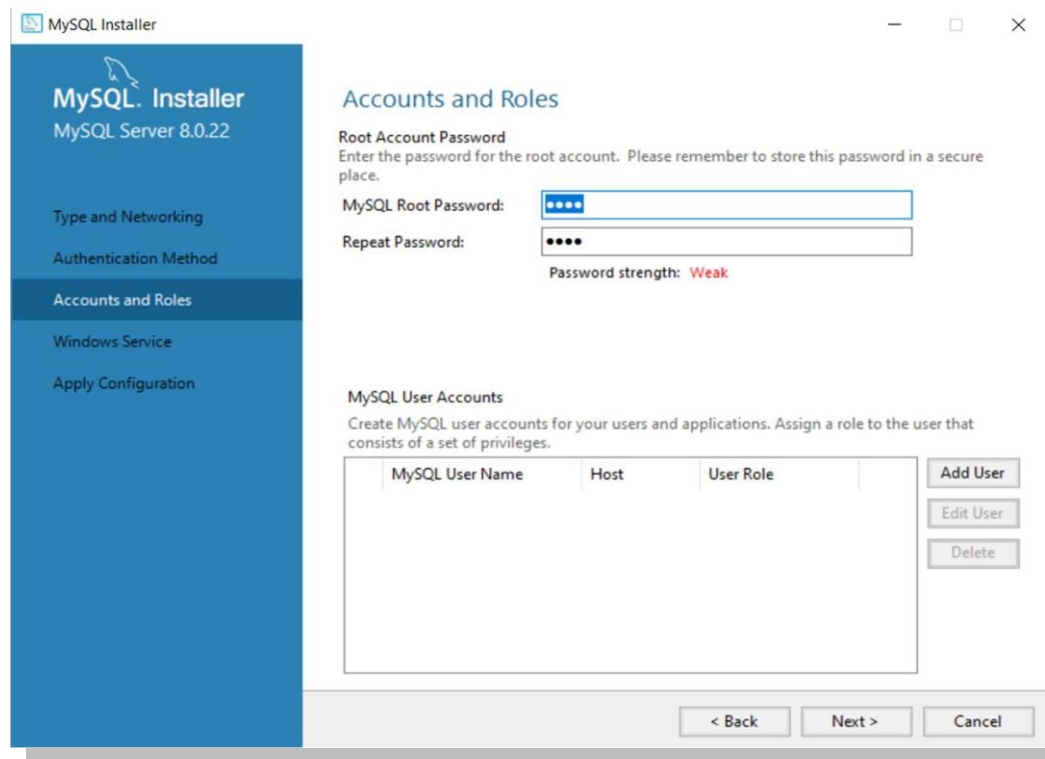**Step 7:** Configuration Overview. Click the Next button to configure MySQLDatabase Server.

Step 8: MySQL Server Configuration: choose Config Type and MySQL port(3307) and click Next button to continue.

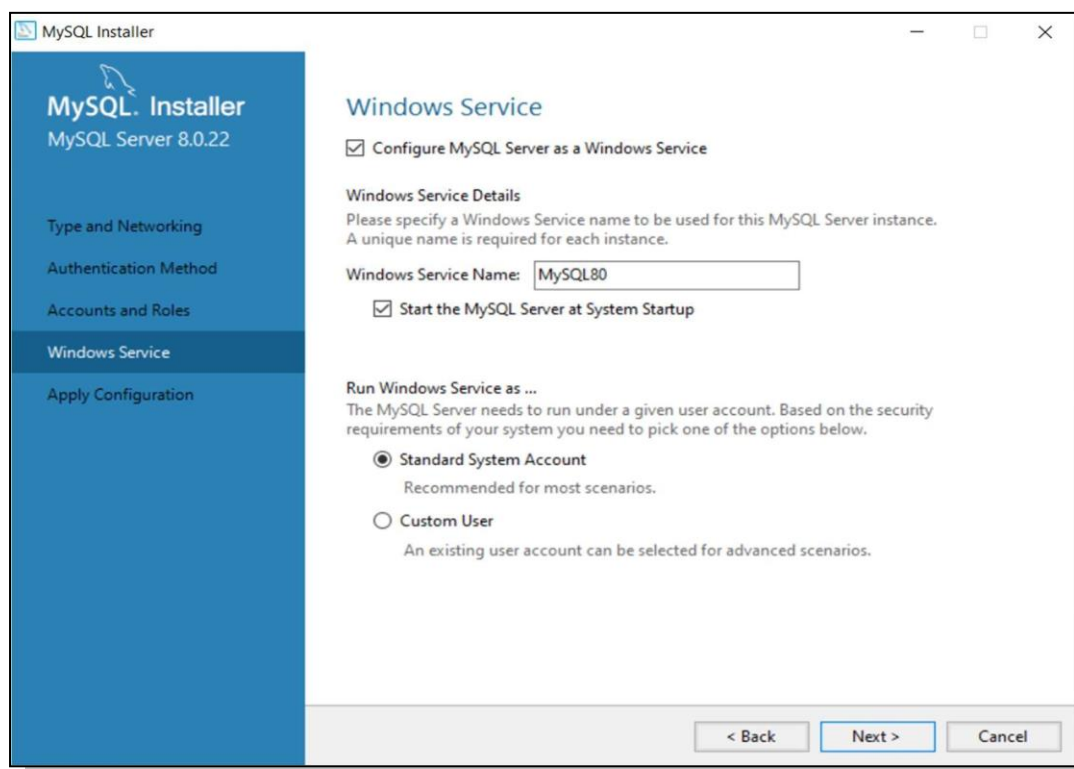**Step 9:** Authentication method & then click on next.

Step 10: Account & Roles :- choose a password for the root account. Please note the password download and keep it securely if you are installing MySQLdatabase server on a production server. If you want to add a more MySQL user, you can do it in this step.
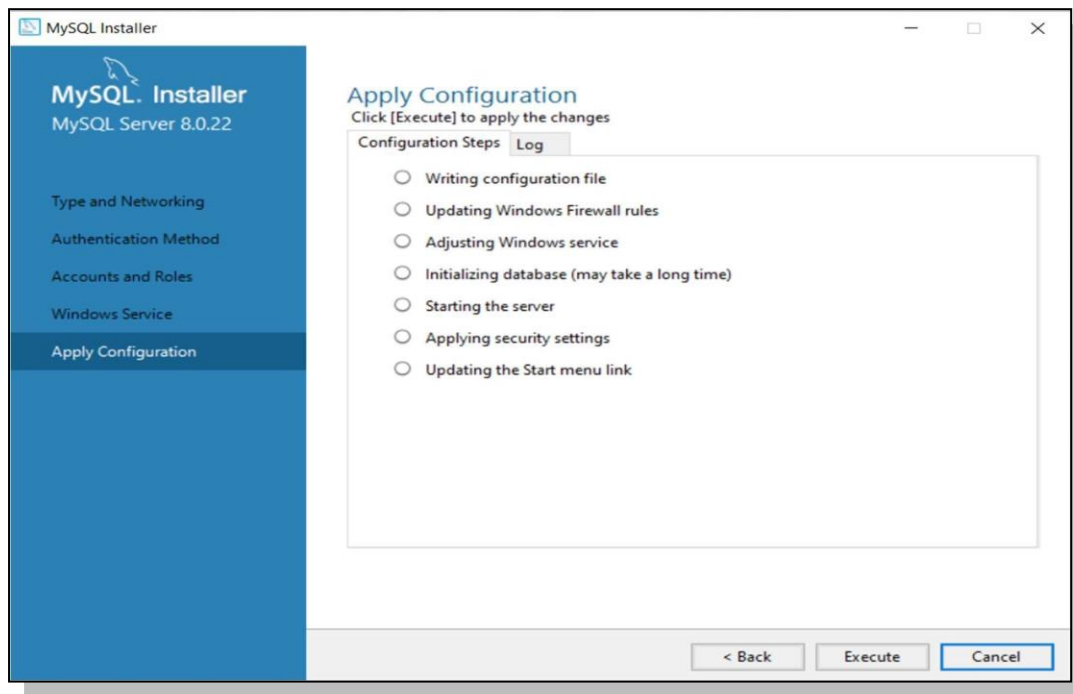

Step 11: Choose Windows service details including Windows Service Name and account type, then click Next button to continue.

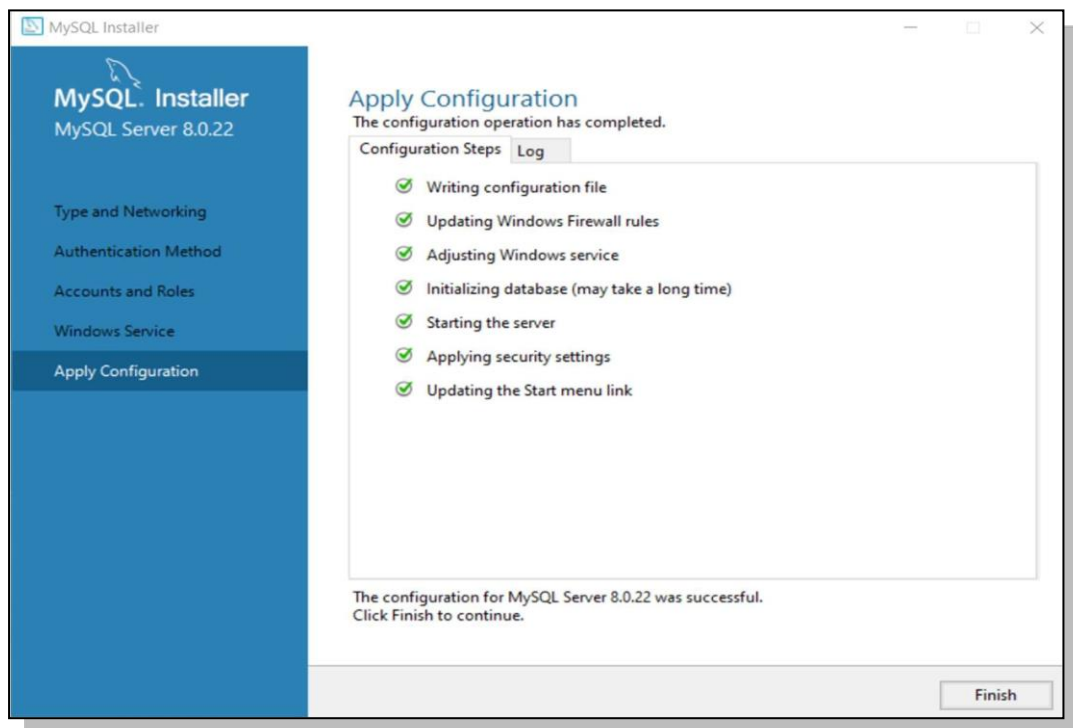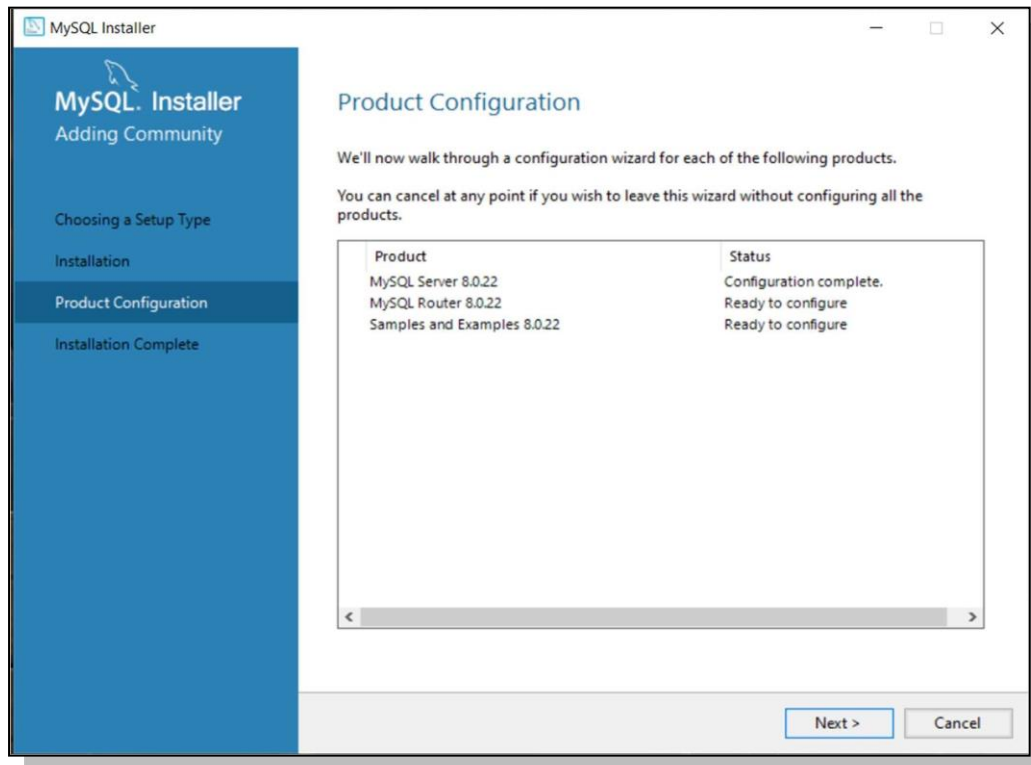**Step 12:** Apply Configuration in Progress: MySQL Installer is configuring MySQL database server. Wait until it is done and click the Execute button to continue.
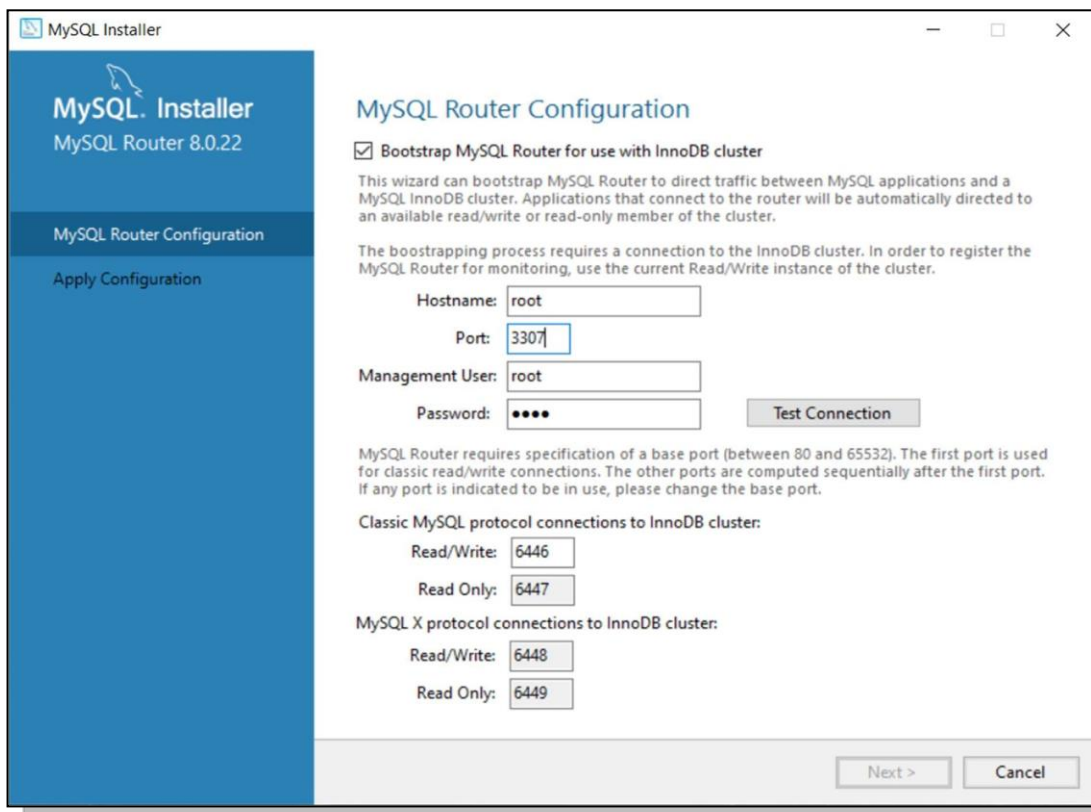

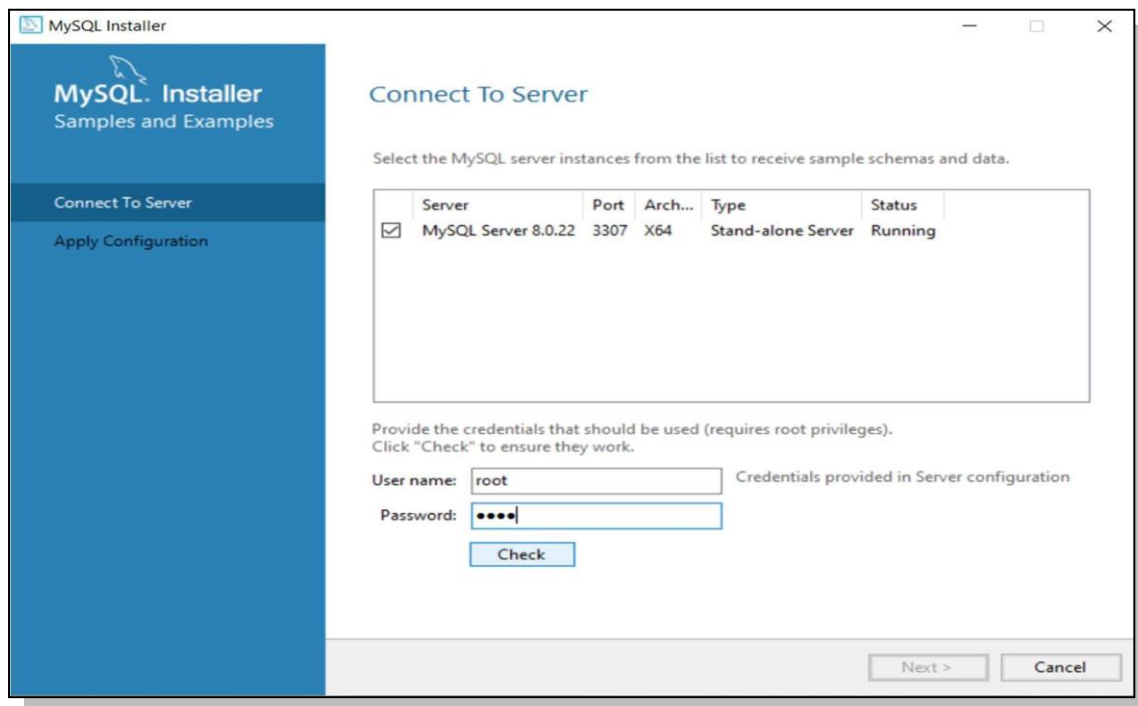**Step 13:** Wait until it is done and click the Finish button.

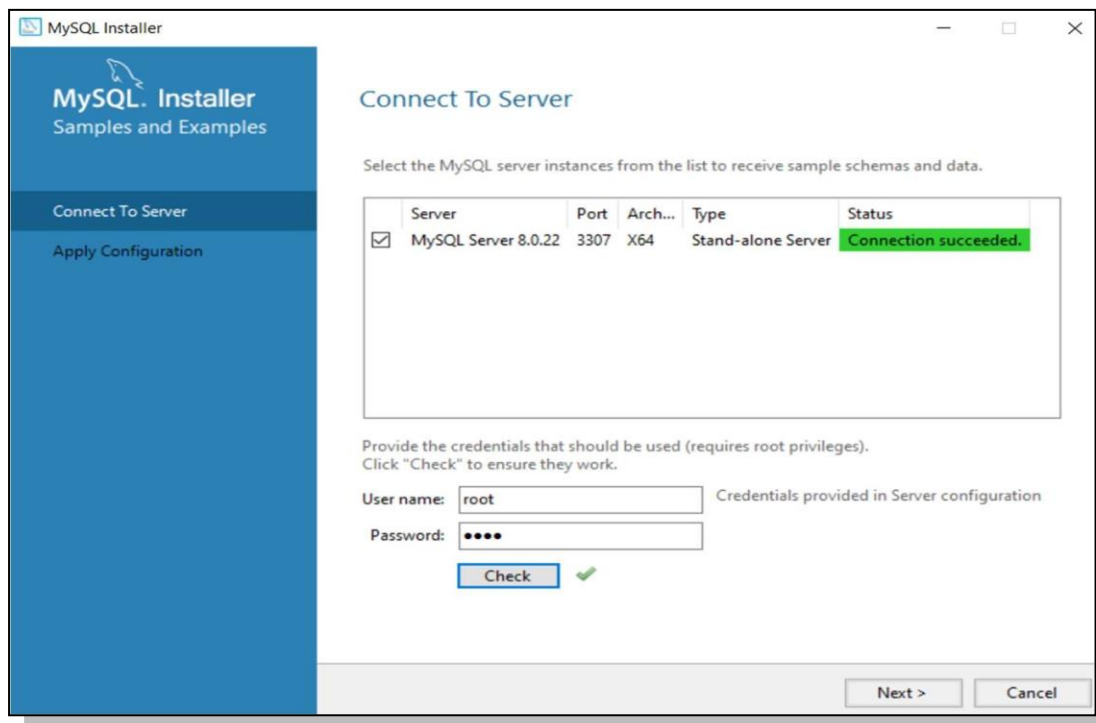**Step 14:** Then Product configuration & click next.

Step 15: MySql Router Configuration: Give Hostname(root), set Port number(3307) and set password(root) then click on next.
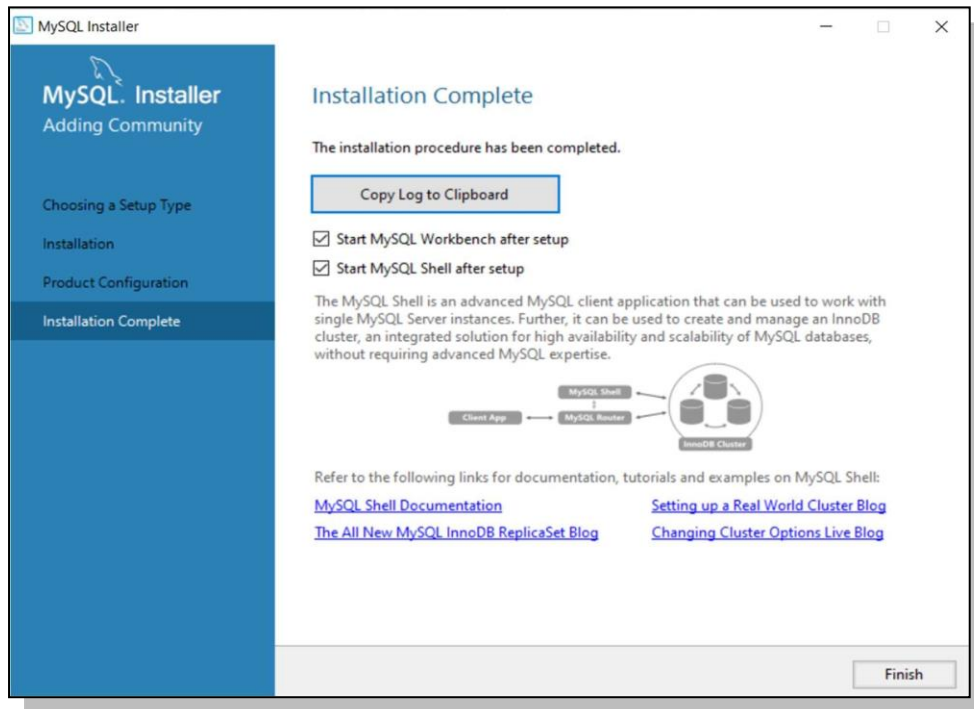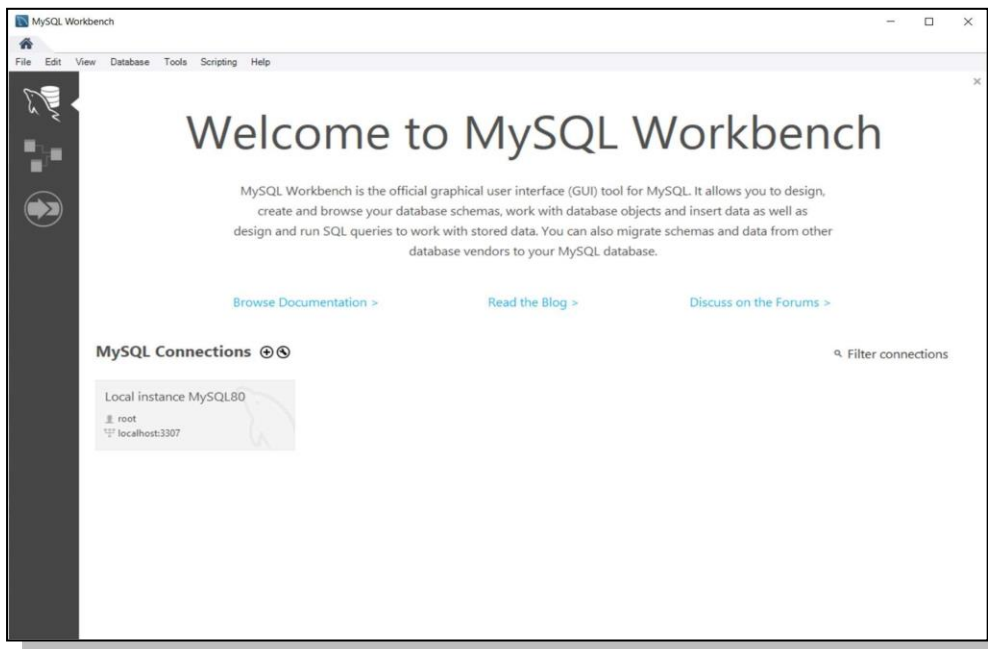
Step 16 : Connect to Server Then enter Username & Password.

Step 17 : Click on check button and connection succeeded then click next.

Step 18 : Installation complete.

Step 19 : Welcome to MySQL Workbench.

Signature of Staff