



Installing MySQL Community Server and MySQL Workbench

Course: SUPCOM, Hösten 2019

Module: Database Management Systems

DBMS Tool: MySQL version 8.0.18

Goal

- To familiarize yourself with MySQL, relational database management system community edition

Learning outcomes

- Be able to install and setup MySQL Community on Windows computers

Part one - Installing MySQL Community with Workbench

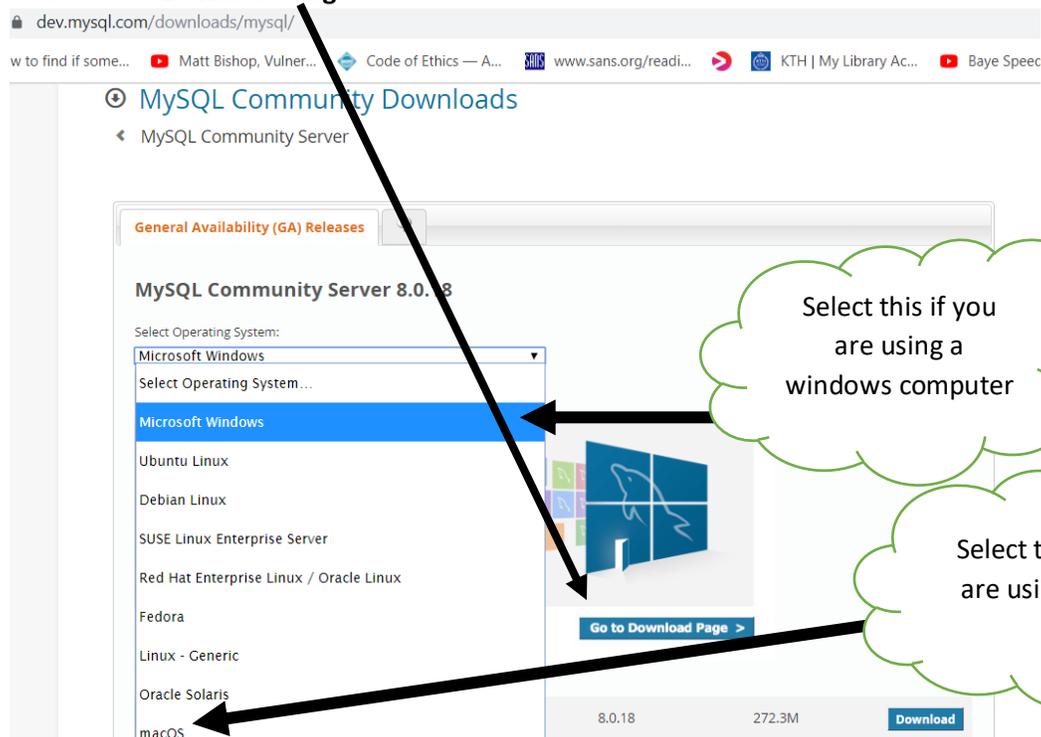
1. Introduction

MySQL is a database server claimed to be very fast, multithreaded, multi-user, and robust SQL (Structured Query Language) server according to MySQL™. MySQL is a trademark of Oracle Corporation and its affiliates. The MySQL software has Dual Licenses¹ therefore users can use the open source licensed version under the terms of the GNU General Public License² (Community Server) or can purchase a standard commercial license from Oracle (Enterprise Edition).

MySQL Workbench provides a graphical tool for working with MySQL servers and databases. MySQL Workbench fully supports MySQL versions 5.5 and higher³. MySQL Workbench provides functionalities to enable SQL Development, Data Modeling, Server Administration, Data Migration, and MySQL Enterprise Support for backup and audit.

2. Installing MySQL Community Server

- Follow the link – <https://dev.mysql.com/downloads/mysql/>
- Choose the operating system you are using currently as illustrated below
- Select **Go to Download Page >**



¹ <http://www.mysql.com/company/legal/licensing/>

² <http://www.fsf.org/licenses/>

³ <https://dev.mysql.com/doc/refman/8.0/en/workbench.html>

- Select the first Download option (to install online)

dev.mysql.com/downloads/windows/installer/8.0.htm

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MySQL Community Downloads

MySQL Installer

General Availability (GA) Releases

MySQL Installer 8.0.18

Select Operating System:
Microsoft Windows

Looking for previous GA versions?

Windows (x86, 32-bit), MSI Installer (mysql-installer-web-community-8.0.18.0.msi)	8.0.18	18.6M	Download
Windows (x86, 32-bit), MSI Installer (mysql-installer-community-8.0.18.0.msi)	8.0.18	415.1M	Download

We suggest that you use the MD5 checksums and GnuPG signatures to verify the integrity of the packages you download.

Note: If you have an Oracle account you can download by login, for this lab you don't need to login or sign up.

- Select **No thanks, just start my download**

dev.mysql.com/downloads/file?tid=488054

MySQL Community Downloads

Login Now or Sign Up for a free account

An Oracle Web Account provides you with the following advantages:

- Fast access to MySQL software downloads
- Download technical White Papers and Presentations
- Post messages in the MySQL Discussion Forums
- Report and track bugs in the MySQL bug system

[Login »](#) using my Oracle Web account

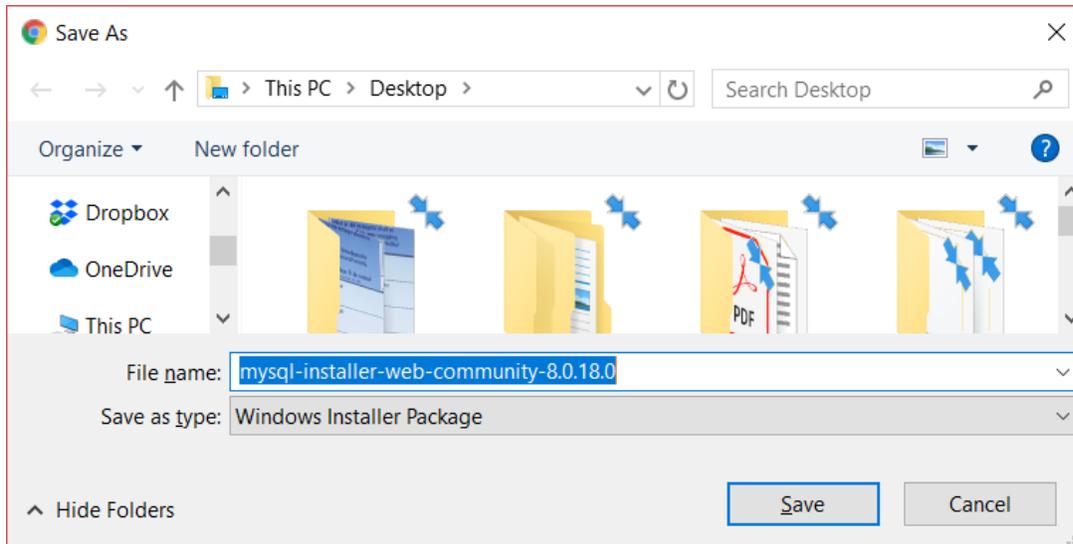
[Sign Up »](#) for an Oracle Web account

MySQL.com is using Oracle SSO for authentication. If you already have an Oracle Web account, click the Login link. Otherwise, you can sign up for a free account by clicking the Sign Up link and following the instructions.

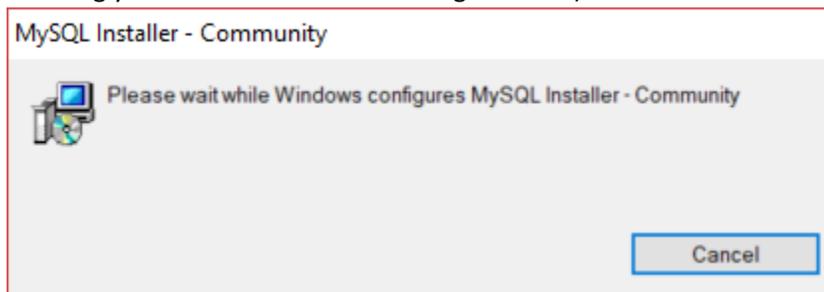
[No thanks, just start my download.](#)

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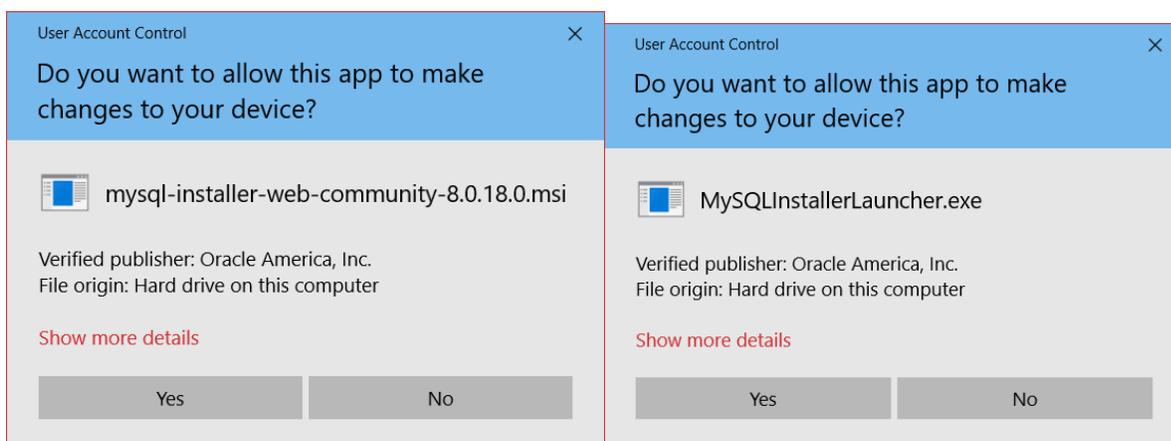
- If your browser shows you the **Save As** dialog box as illustrated below, then you can specify where you want to save the file and select **Save** (If the dialog box is not displayed it means that your browser is saving the file under downloads in Windows computers)

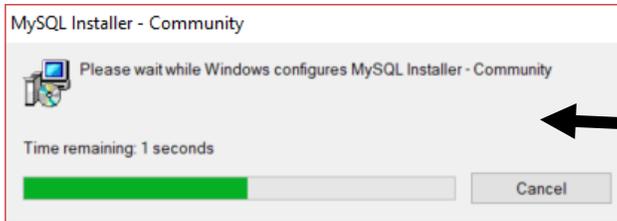


- Locate the downloaded setup file and Launch it (you might see the following message box showing you that the software is being installed)



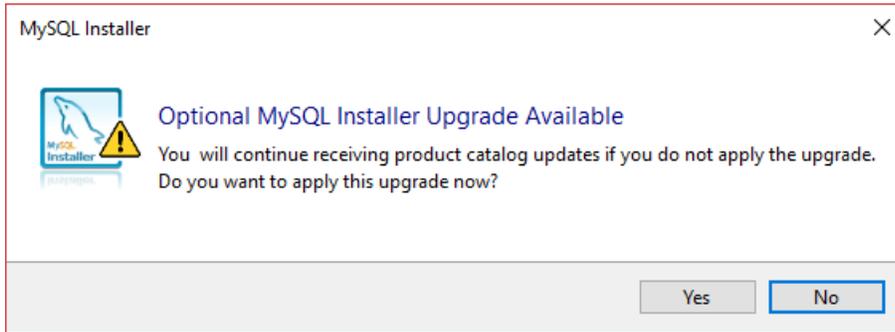
- Depending on your configurations you might be prompted to allow or deny installing MySQL on your computer, click on **Yes**



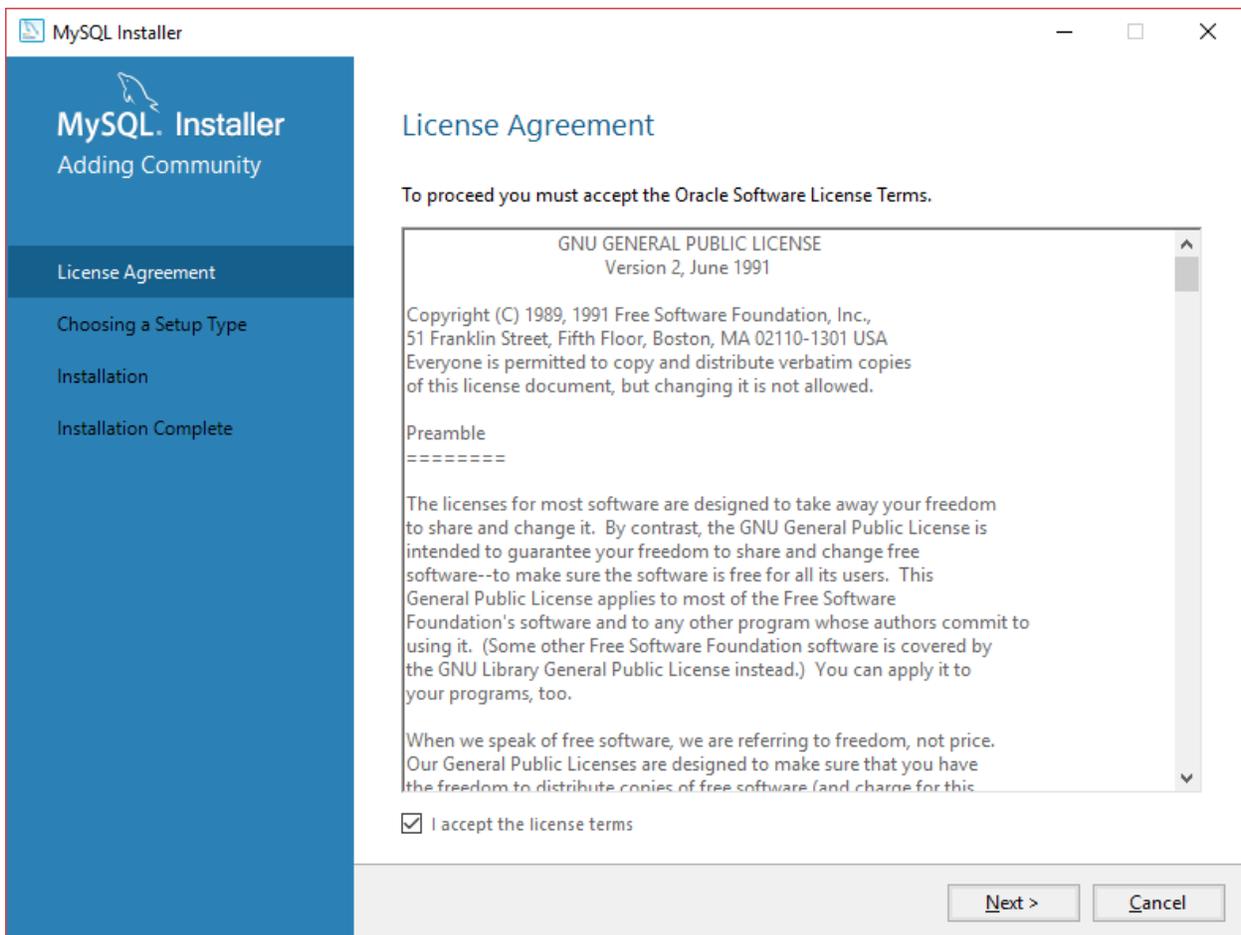


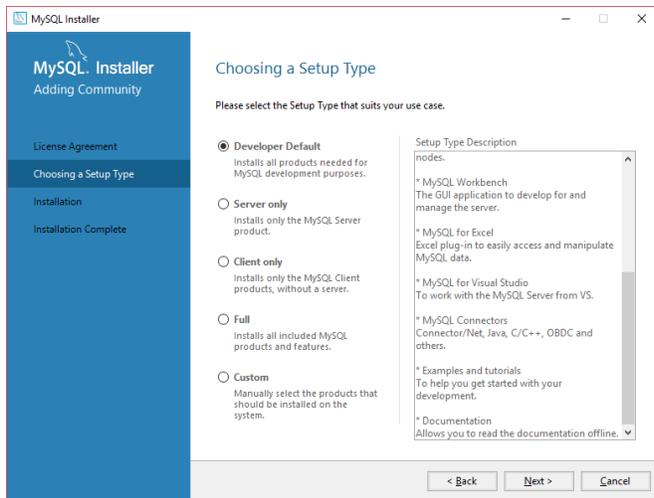
If you see this dialog box you are currently in the process of installing MySQL, so **do not** cancel it!

- Select **Yes** if you are prompted about Upgrade as illustrated below



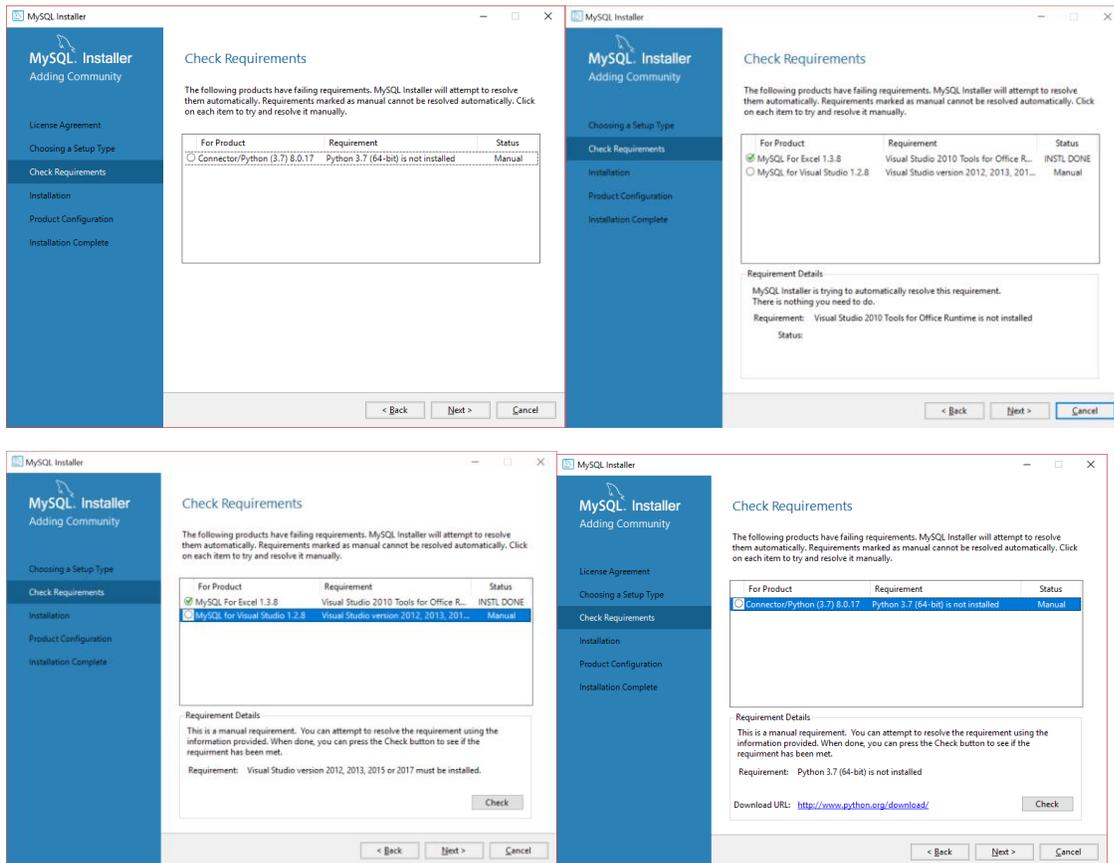
- If you are presented with License Agreement then, you should select **I accept the license terms** and Click on **Next** (Otherwise continue to the next step)



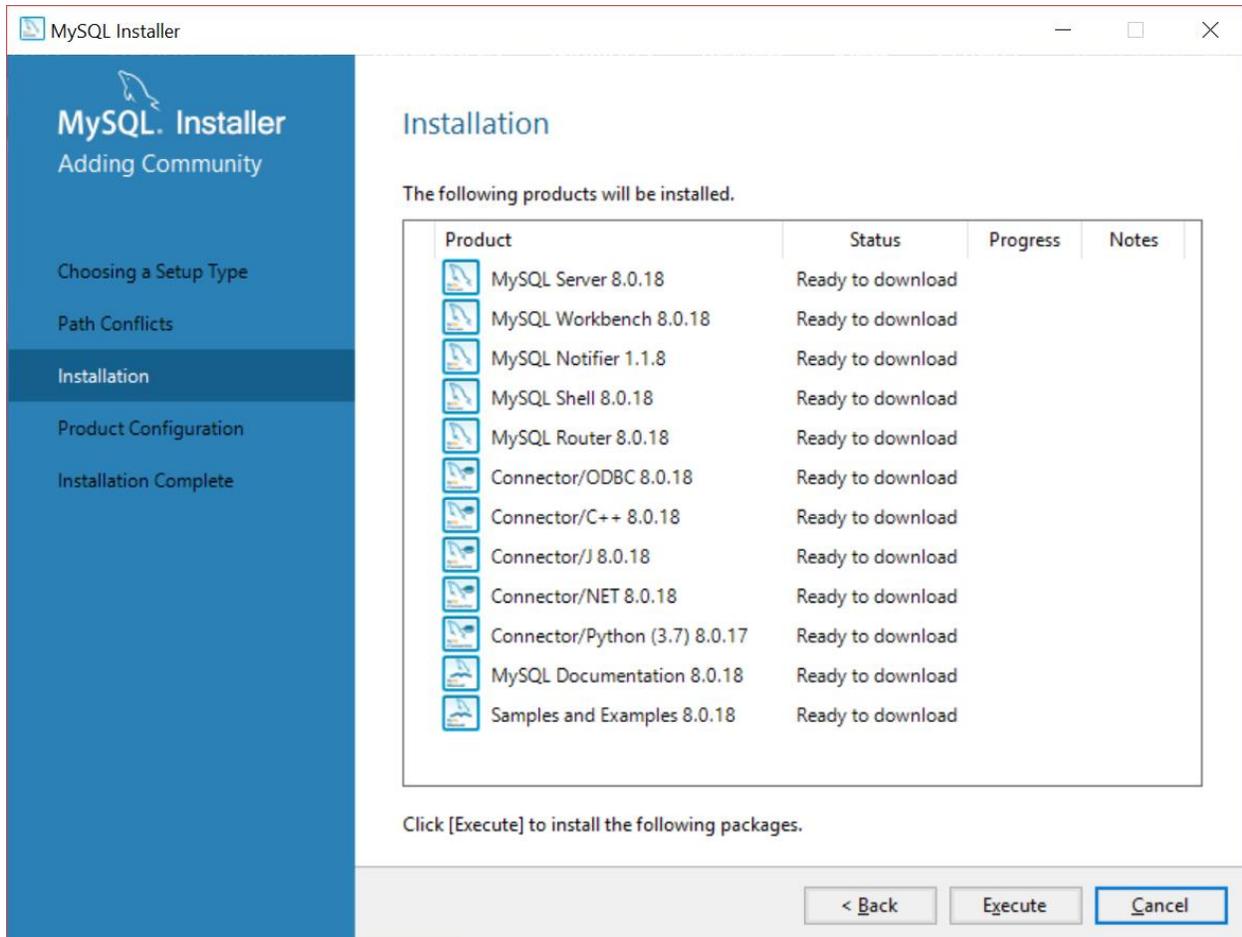


Check Requirements – at this stage you might be required to manually install if some installations are missing. Here you can select and click **Next** to install. The following figures illustrate different scenarios where there are missing installations. These missing installations might not be so important for your lab so you can skip them if you fail to install them.

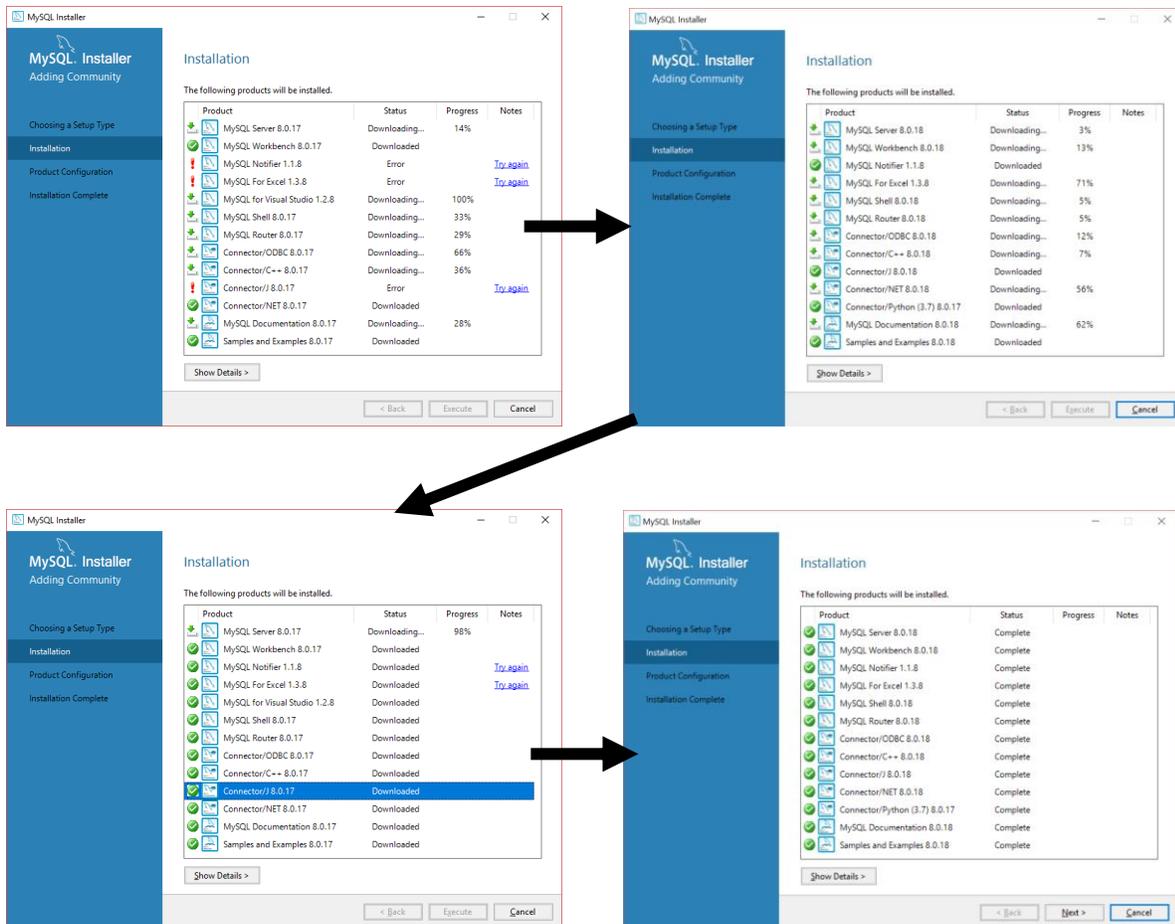
- If the system (or the setup process) prompts you that the requirement is not installed or cannot be installed, then click **Next, Skip**, to bypass it.



- Click on **Execute** to install all packages (it may take a while to install packages, sit back relax and have coffee if your computer and connection are not good)

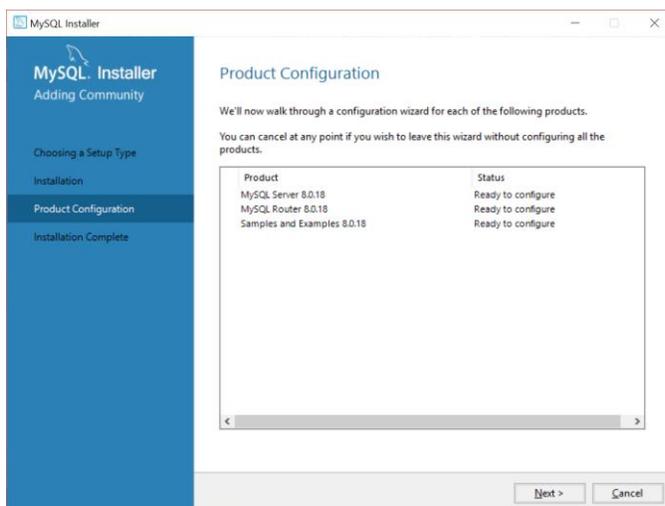


- It might take a while until the downloaded product is installed, if the installation fails you can select **Try Again** and wait until all components are installed (you can see the snapshots below).

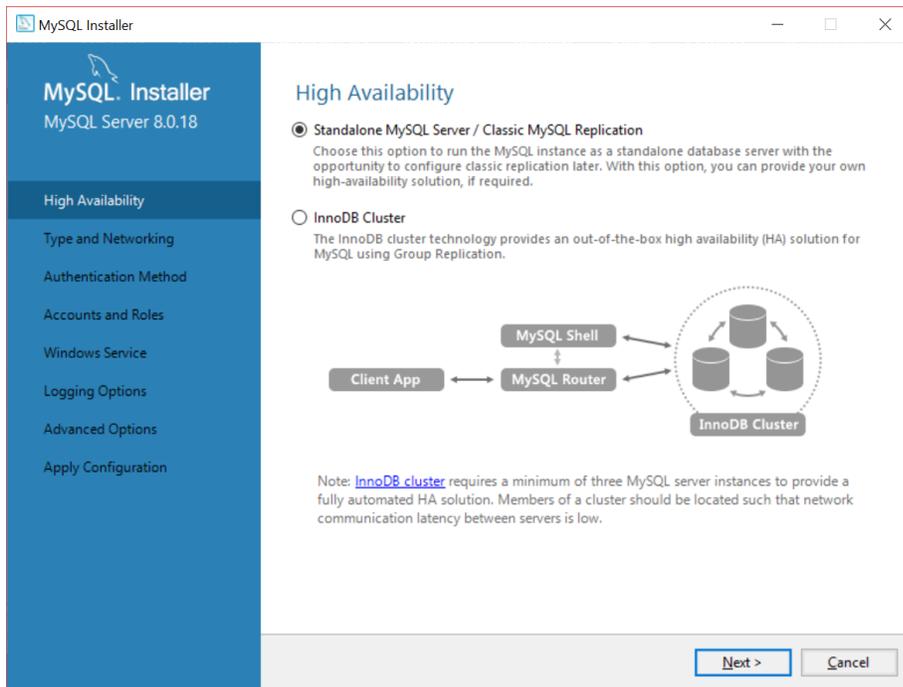


here we need MySQL Server and MySQL Workbench so once you have these two packages installed you don't need to worry

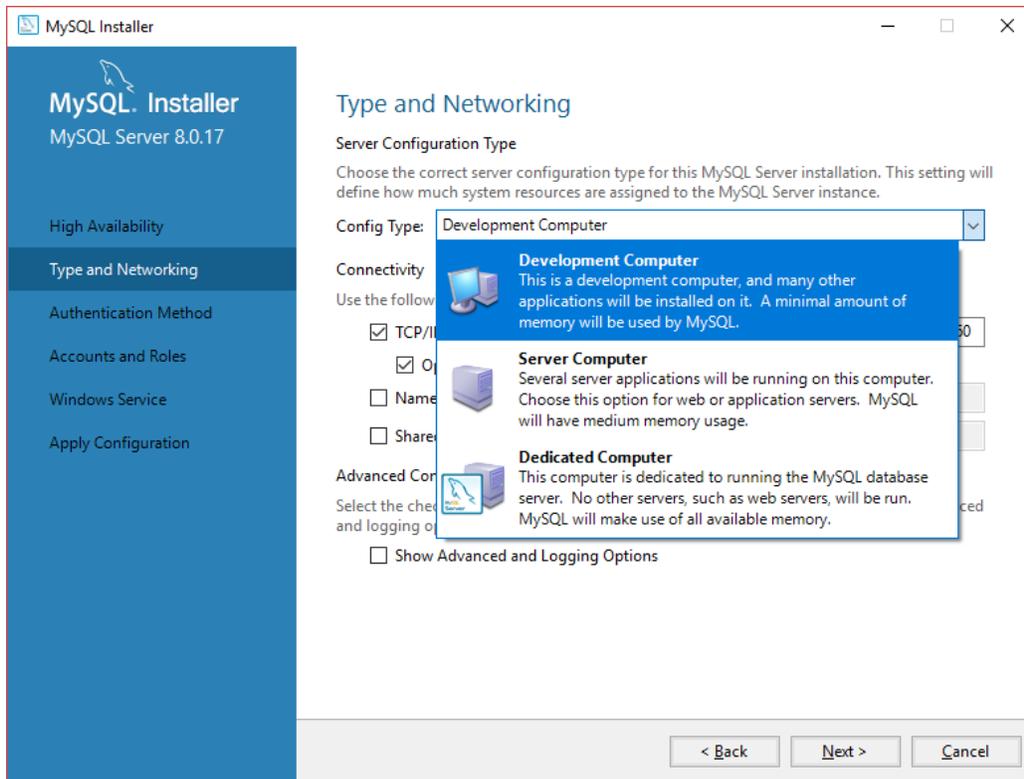
- Select **Next** to make sure MySQL Server is configured



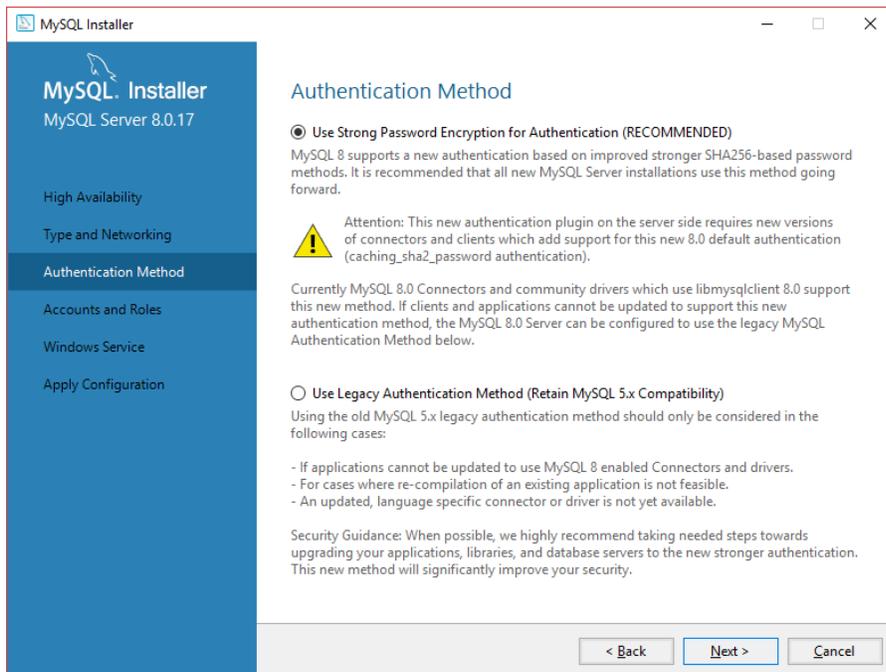
- Select **Standalone MySQL Server** then click **Next**



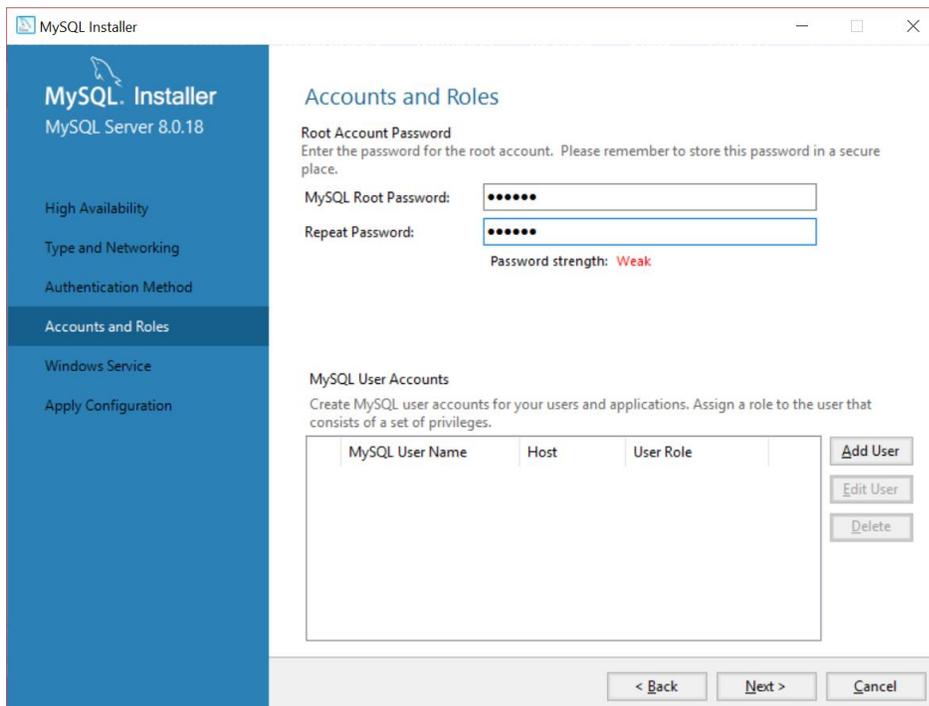
- Leave everything as it is shown below i.e, Configuration Type: **Developer Computer**



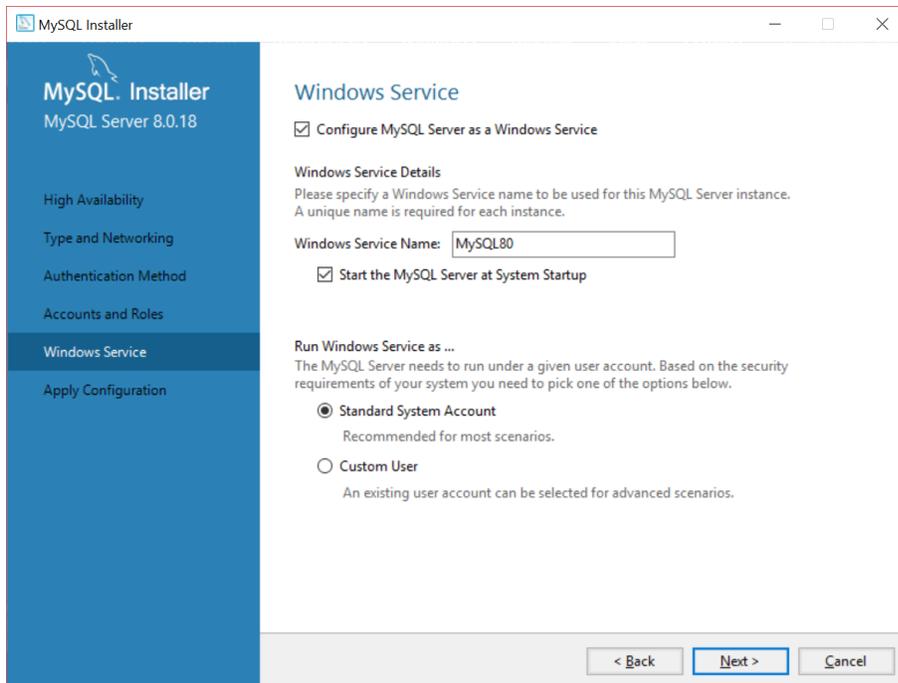
- Select the first option for Authentication Method then click on **Next**



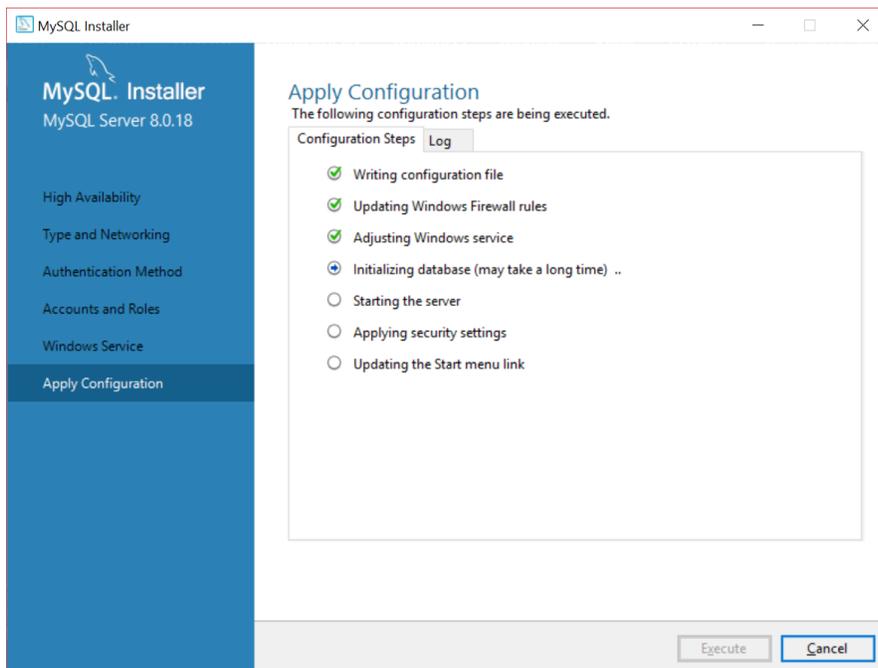
- Enter your password (enter – **supcom** as password in lower case) then click on **Next**



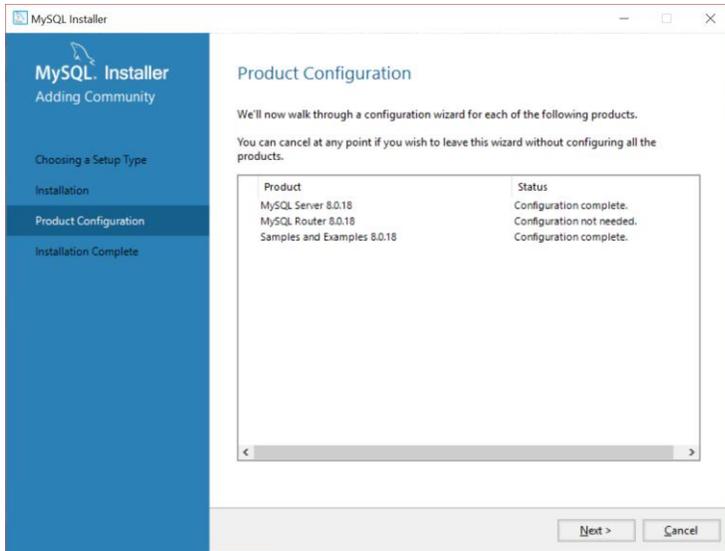
- You don't need to change anything regarding Window Service so click **Next**



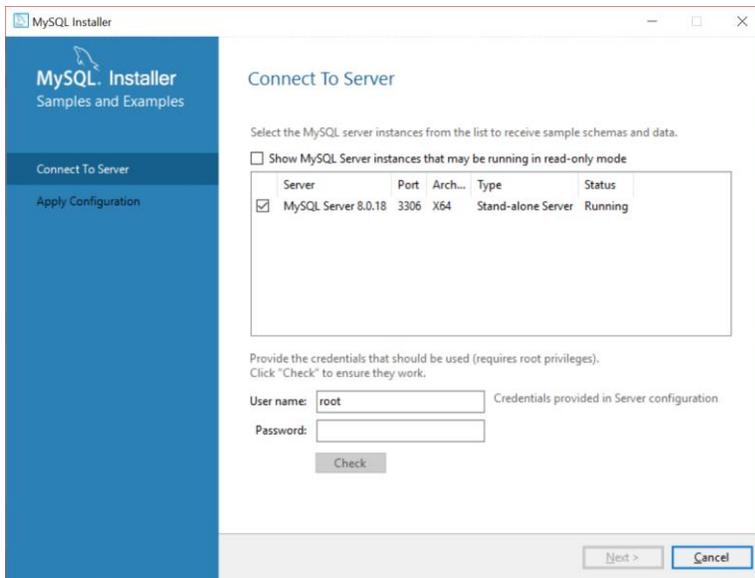
- Select **Next** under Apply Configuration

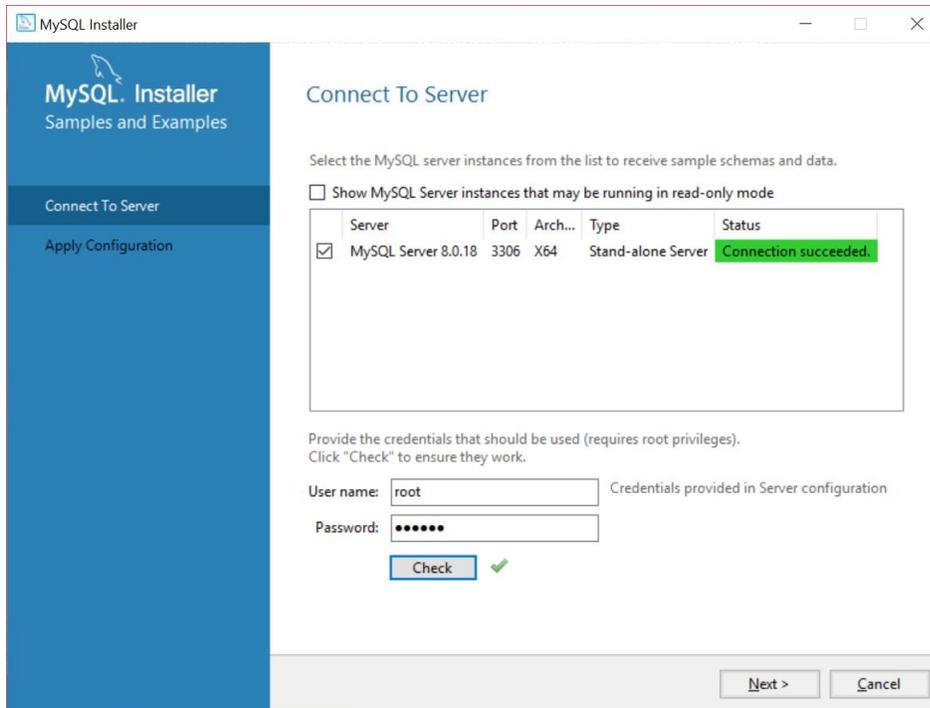


- Now Product Configuration will follow click **Next** and use default options, i.e. leave everything as it is

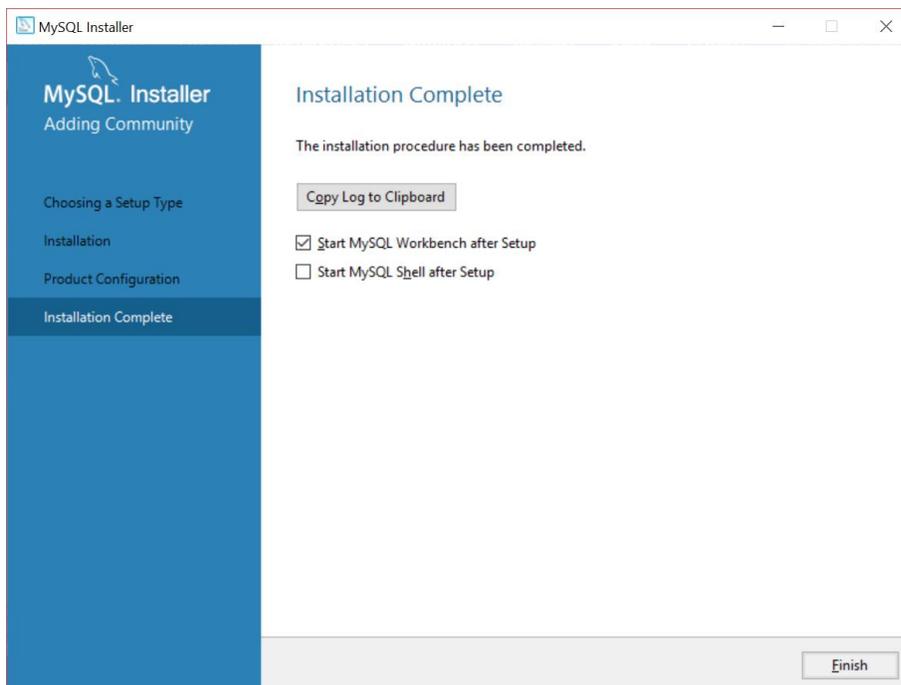


- Select **Next** and accept default options until you get **Connect To Server** as shown below.
- Enter password then click on **Check**

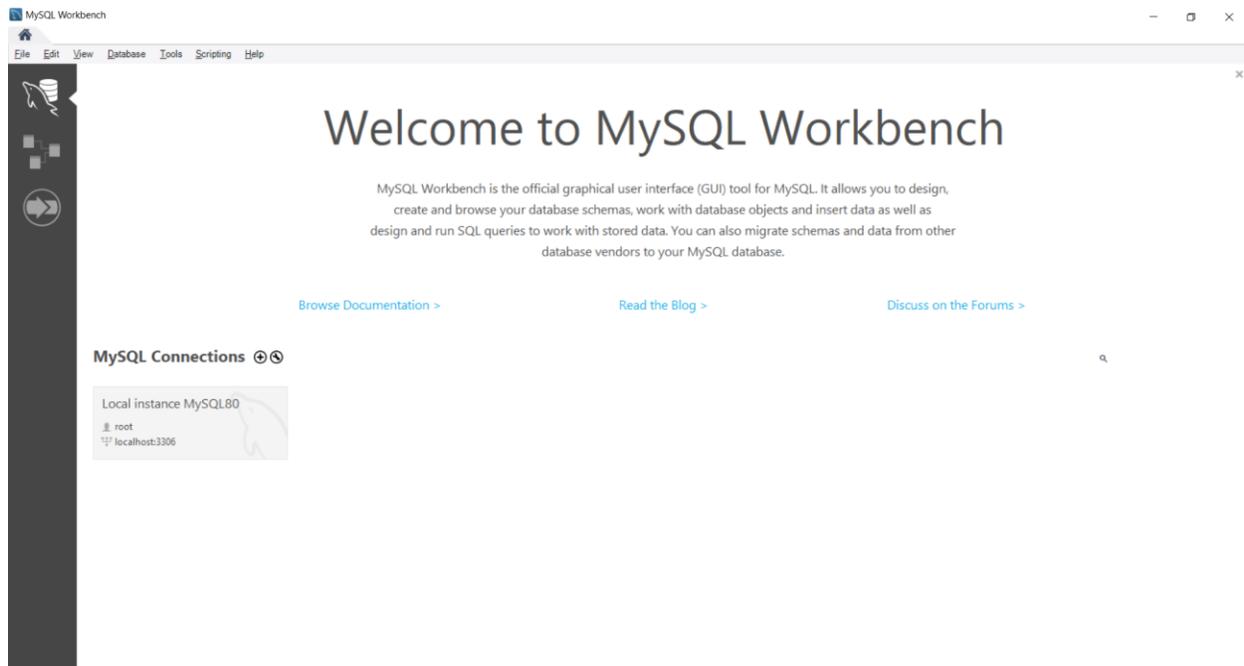




- Now follow the step through Wizard questions by simply clicking on **Next** until you see the following dialog box. Now you can click **Finish**



When you Select Finish MySQL Workbench will be launched if you check the the option is selected as illustrated above.



- As you can see under MySQL Connections, (you can have several connections here, you can also create your customized connection by clicking + sign)
- Select the available connection: Local instance MySQL80
- Enter the password (supcom) then click **OK**

