Install MySQL On Windows 10
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https://dev.mysql.com/downloads/installer/

1]   Navigate to the link above. The site may have changed. Push the Download button. Make sure you install Microsoft Office & Visual Studio Before You Begin.
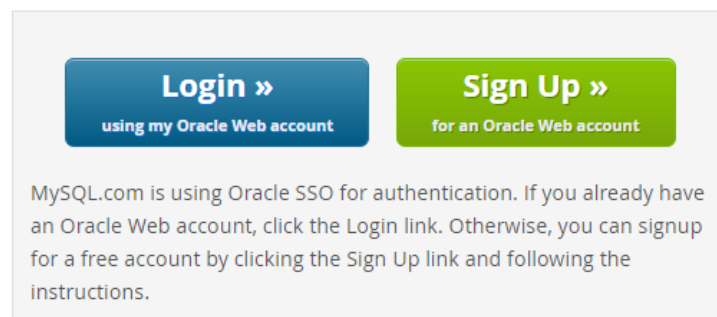
2]   Login if you like ➔ otherwise Push the No Thanks Link below.

3]   Double-click on the installer.
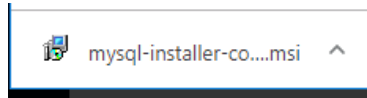
4]   Push the Yes Button.
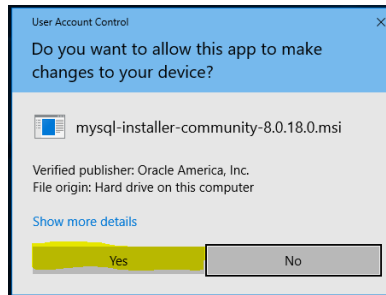
5]   Select Full. Push the Next Button.

6]   Push the Next Button.

7]   You will get the following if you do not install Office first..

MySQL Installer   ✕

One or more product requirements have not been satisified

Those products with missing requirements will be not installed or upgraded.
Do you want to continue?

Yes   No

8]   Push the Execute Button.

MySQL Installer   — ☐ ✕
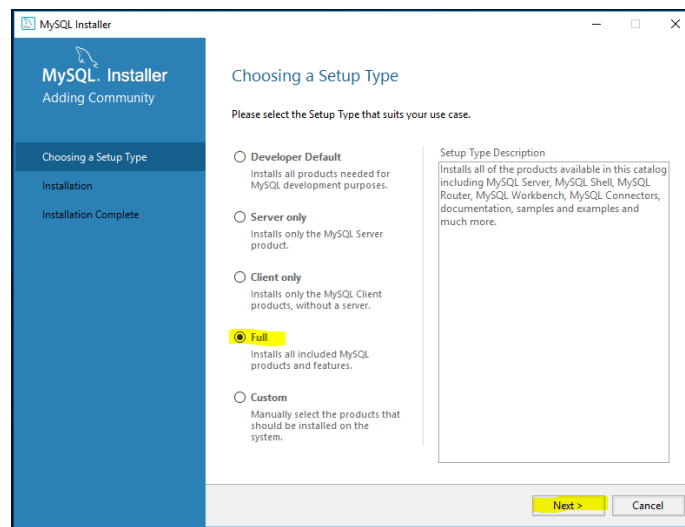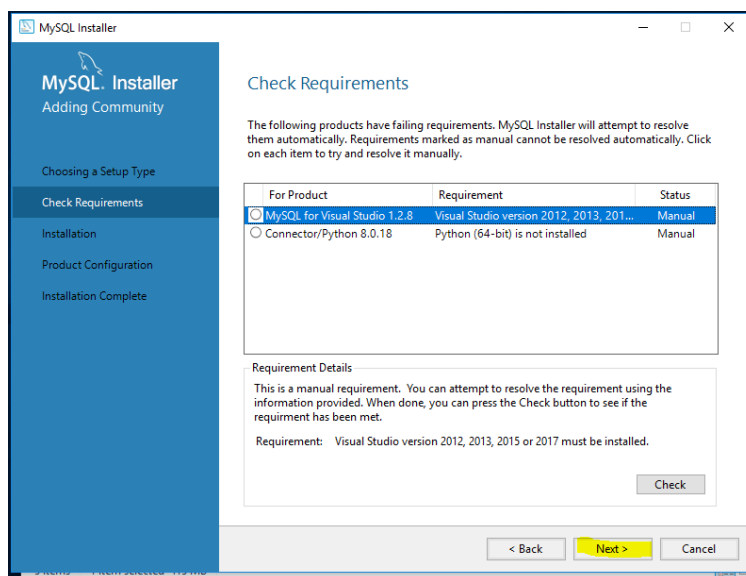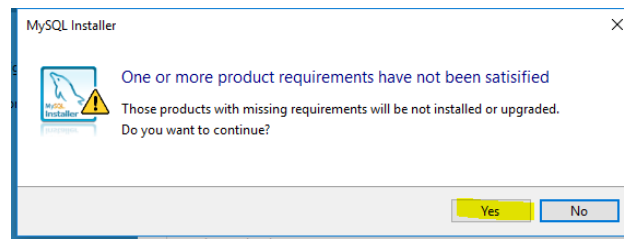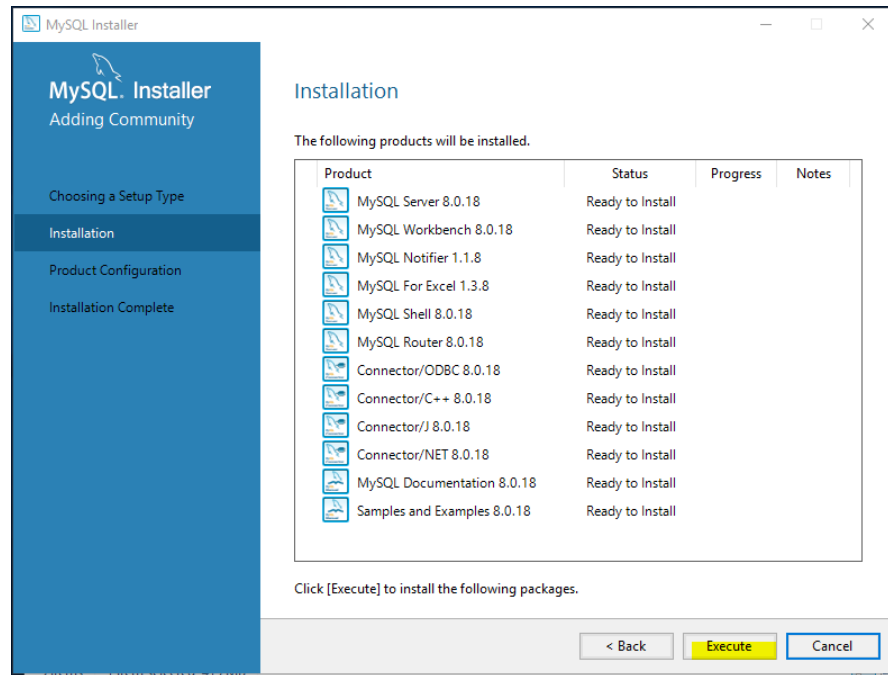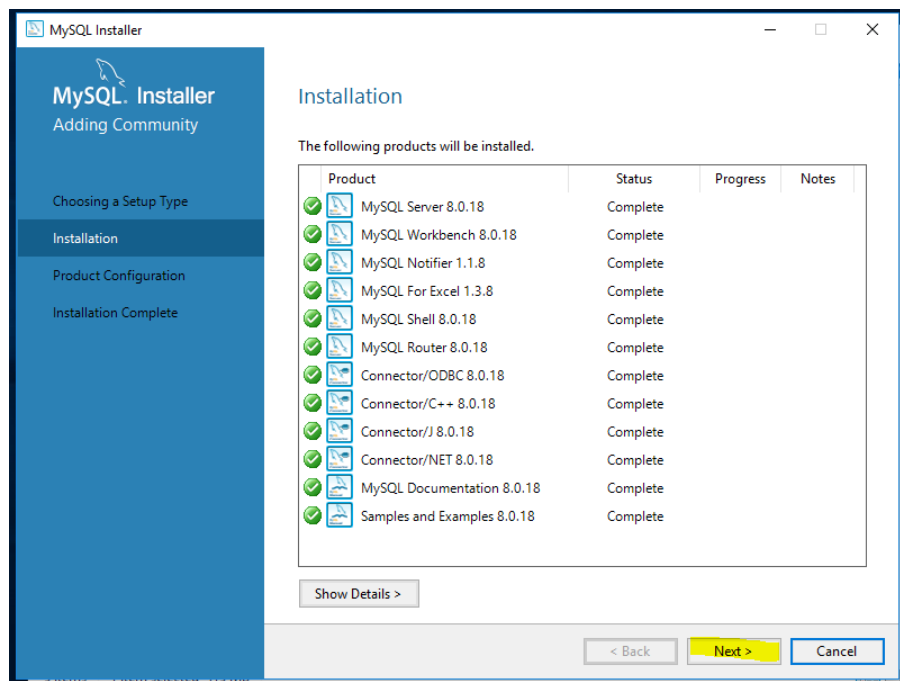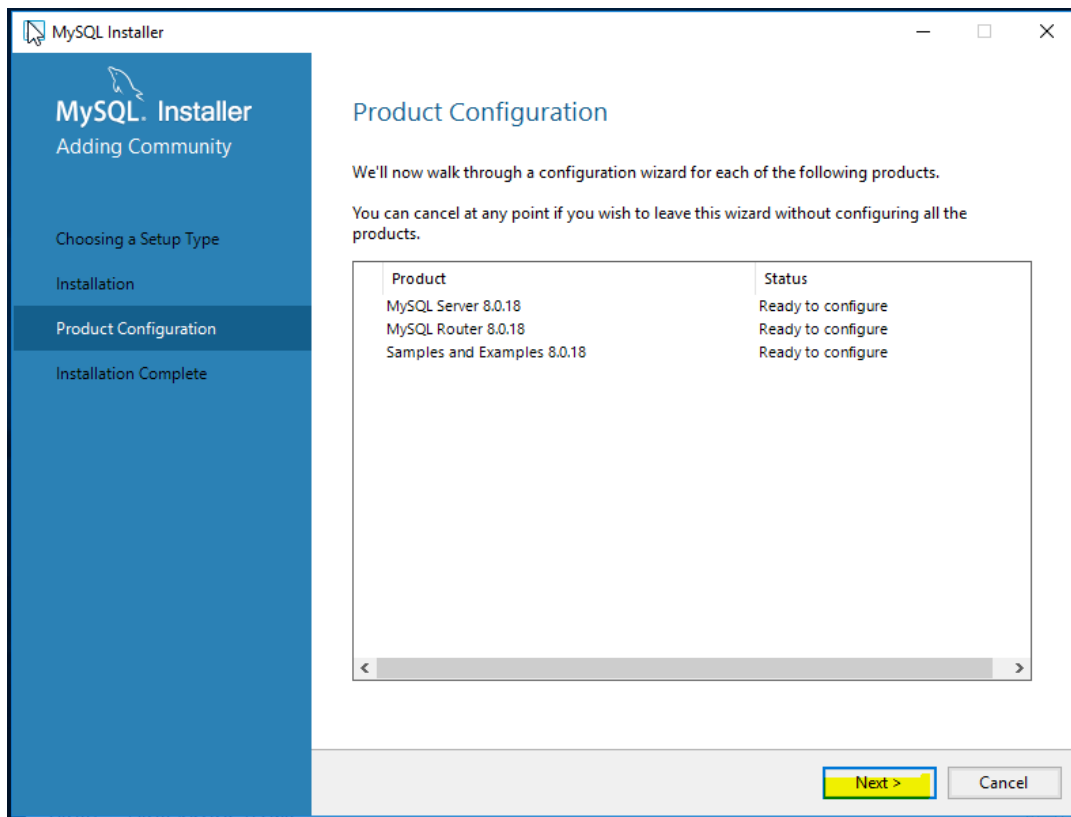
MySQL. Installer
Adding Community

Installation

The following products will be installed.

Product	Status	Progress	Notes
MySQL Server 8.0.18	Ready to Install		
MySQL Workbench 8.0.18	Ready to Install		
MySQL Notifier 1.1.8	Ready to Install		
MySQL For Excel 1.3.8	Ready to Install		
MySQL Shell 8.0.18	Ready to Install		
MySQL Router 8.0.18	Ready to Install		
Connector/ODBC 8.0.18	Ready to Install		
Connector/C++ 8.0.18	Ready to Install		
Connector/J 8.0.18	Ready to Install		
Connector/NET 8.0.18	Ready to Install		
MySQL Documentation 8.0.18	Ready to Install		
Samples and Examples 8.0.18	Ready to Install		

Choosing a Setup Type
Installation
Product Configuration
Installation Complete

Click [Execute] to install the following packages.

< Back   Execute   Cancel

9]   Push the Next Button.

MySQL Installer   — ☐ ✕

MySQL. Installer
Adding Community

Installation

The following products will be installed.

Product	Status	Progress	Notes
✓ MySQL Server 8.0.18	Complete		
✓ MySQL Workbench 8.0.18	Complete		
✓ MySQL Notifier 1.1.8	Complete		
✓ MySQL For Excel 1.3.8	Complete		
✓ MySQL Shell 8.0.18	Complete		
✓ MySQL Router 8.0.18	Complete		
✓ Connector/ODBC 8.0.18	Complete		
✓ Connector/C++ 8.0.18	Complete		
✓ Connector/J 8.0.18	Complete		
✓ Connector/NET 8.0.18	Complete		
✓ MySQL Documentation 8.0.18	Complete		
✓ Samples and Examples 8.0.18	Complete		

Choosing a Setup Type
Installation
Product Configuration
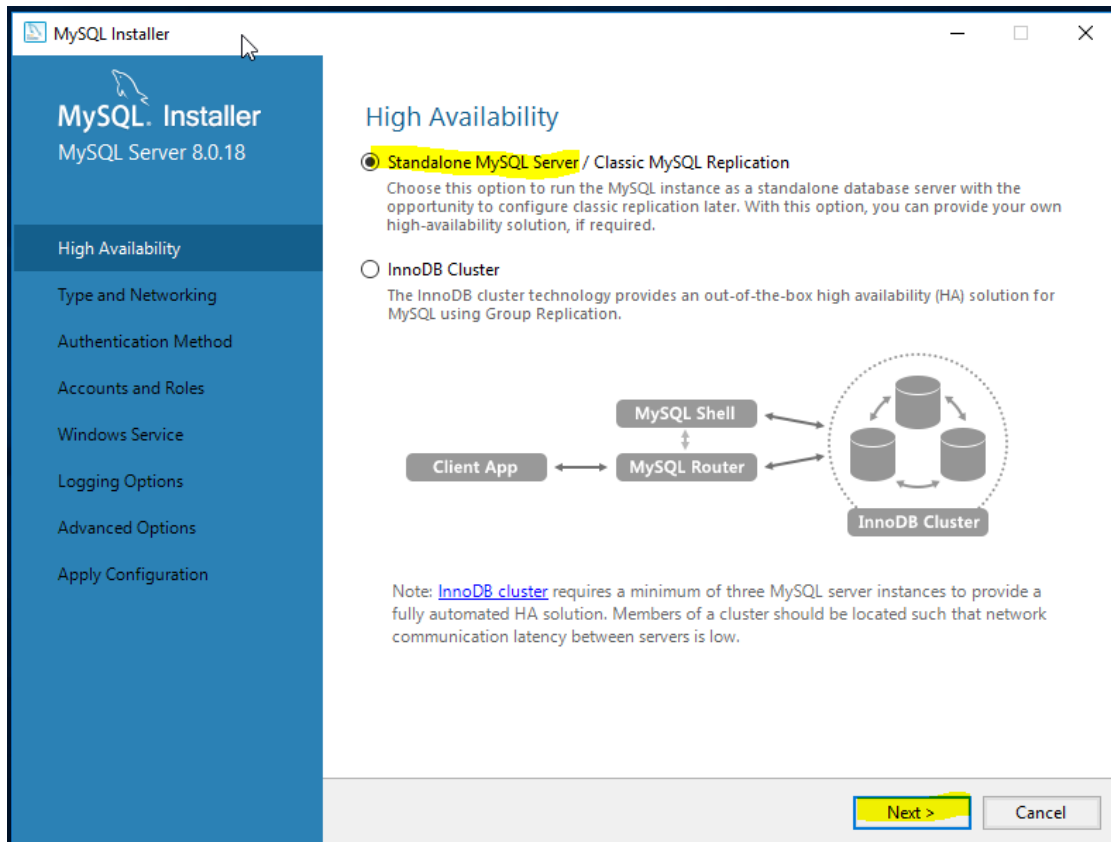Installation Complete

Show Details >

< Back   Next >   Cancel
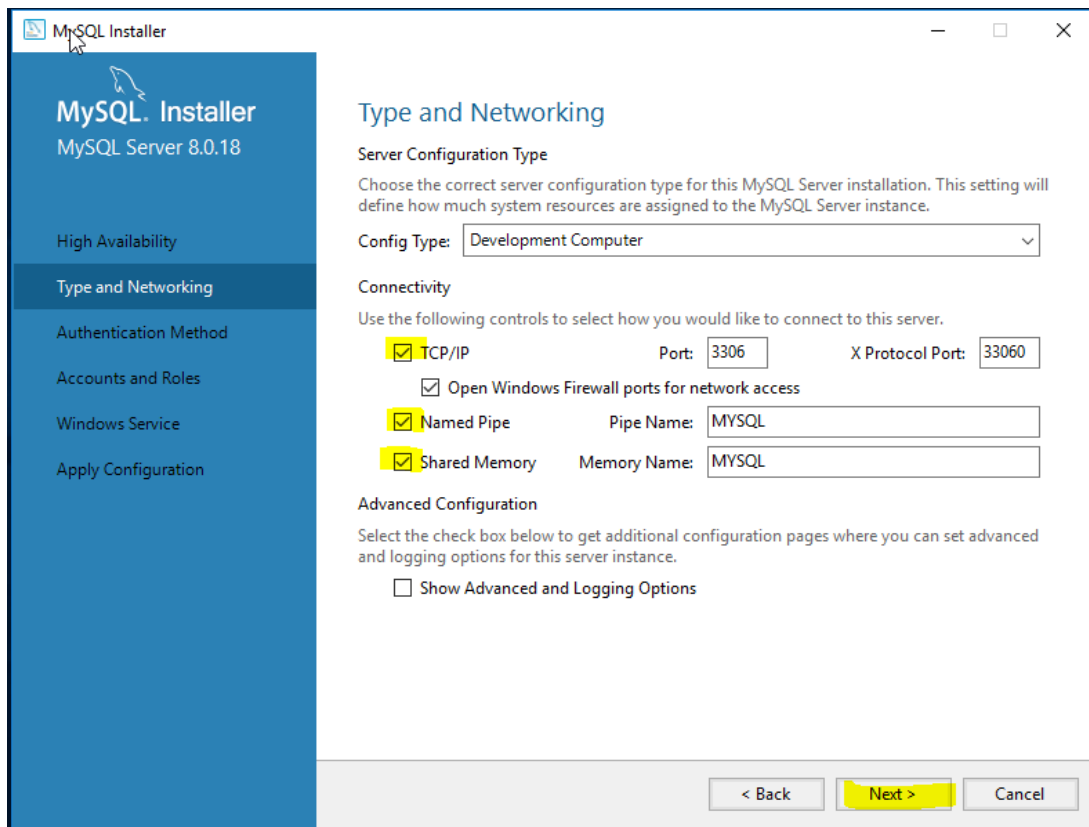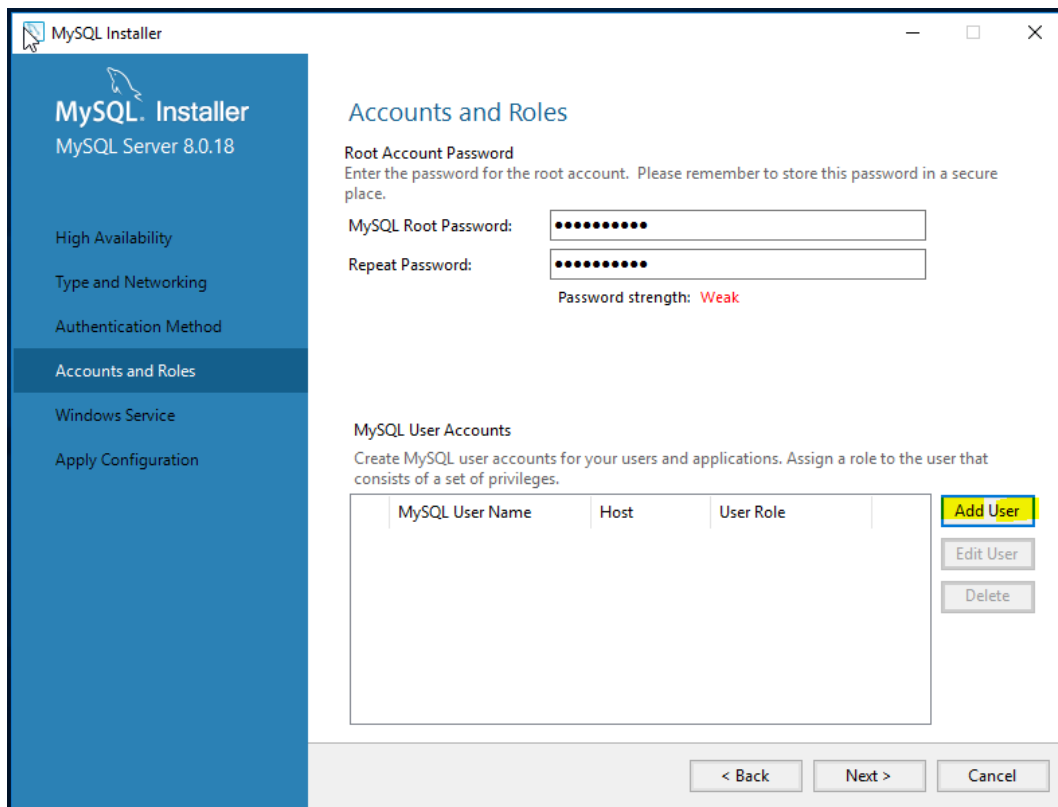
10]   Push the Next Button.

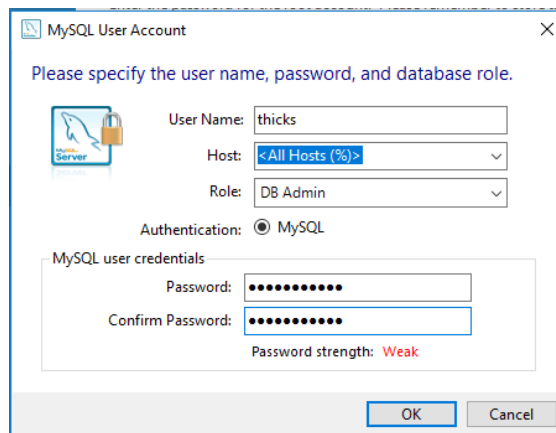11]   Select Stand-Alone. Push the Next Button.

12]   Select TCP (port 3306), Named Pipes, & Shared Memory. Push the Next Button.
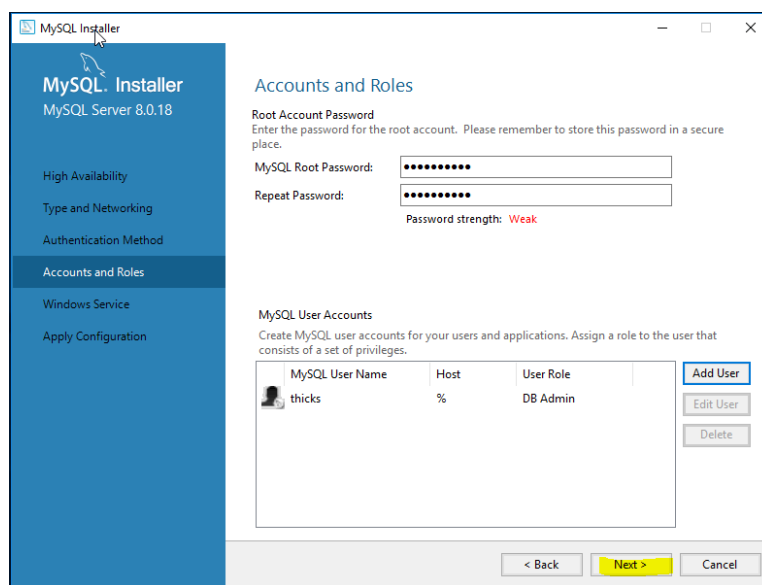
13]   Select a password you can remember. I recommend that you Push the Add User Button.
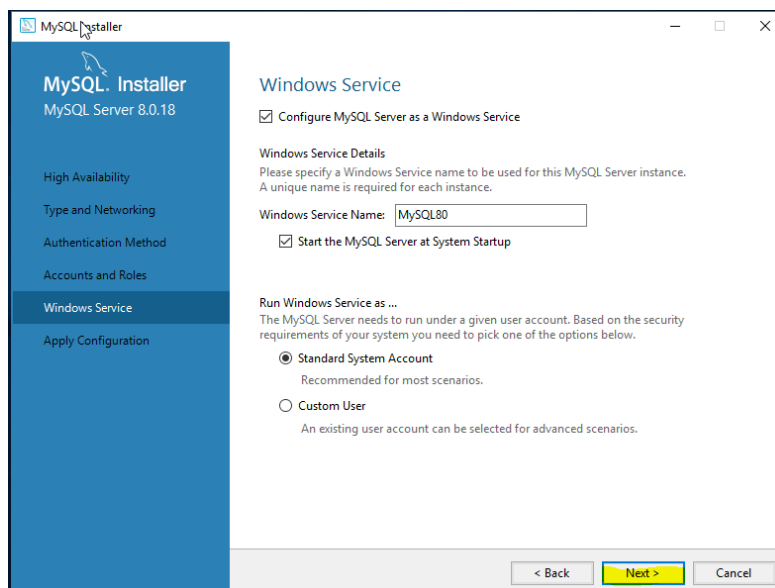

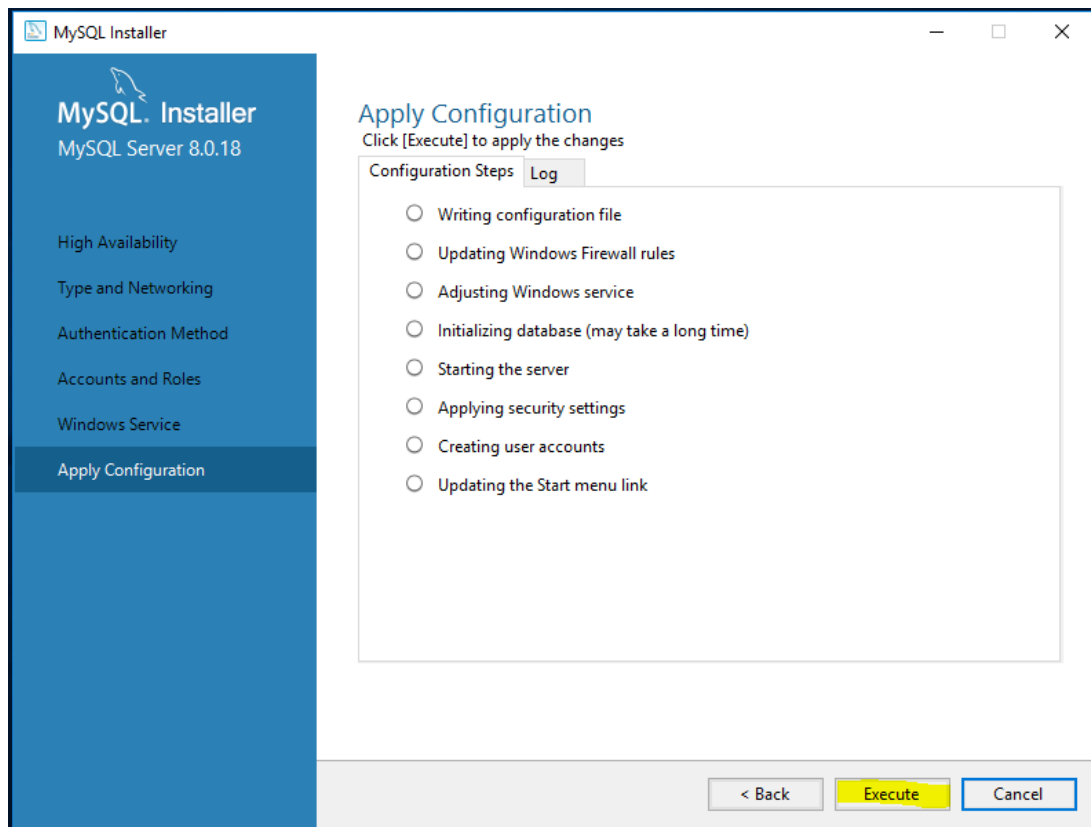14]   Enter Credentials. Push the OK Button.
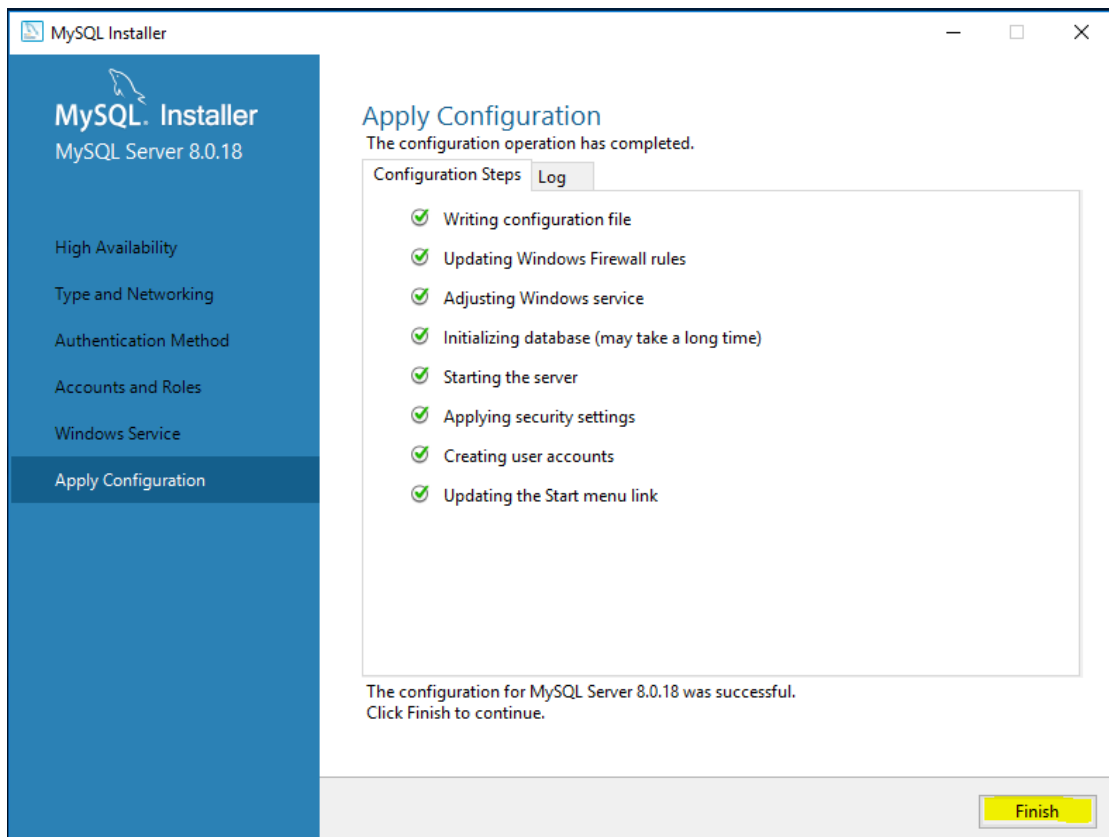
15]   User has been added. Push the Next Button.
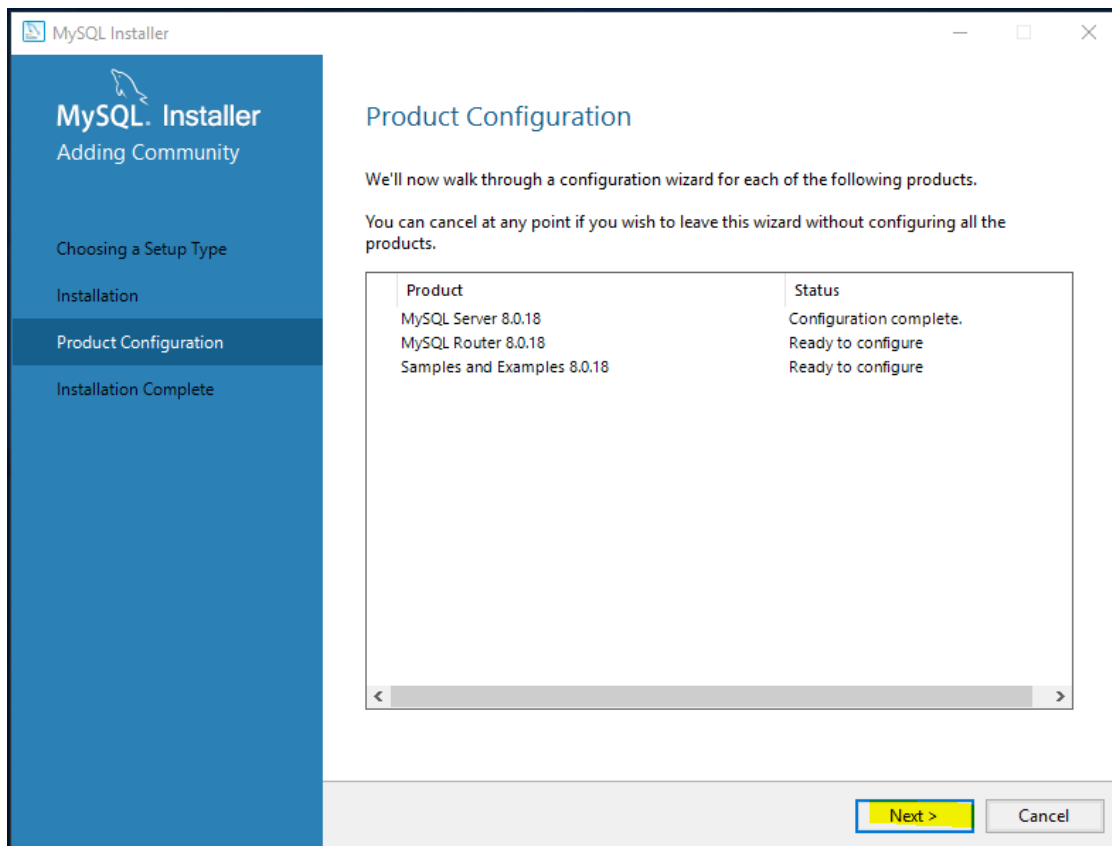

16]   Push the Next Button.

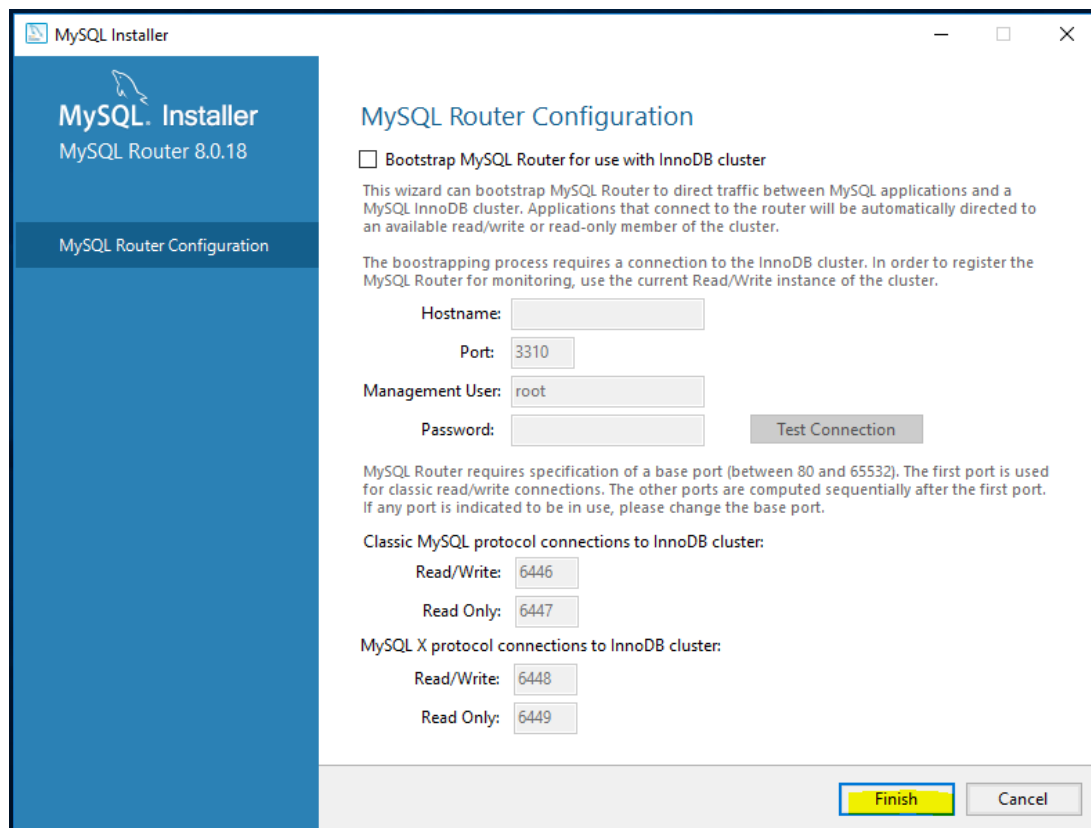17]   Push the Execute Button.

18]   Push the Finiah Button.
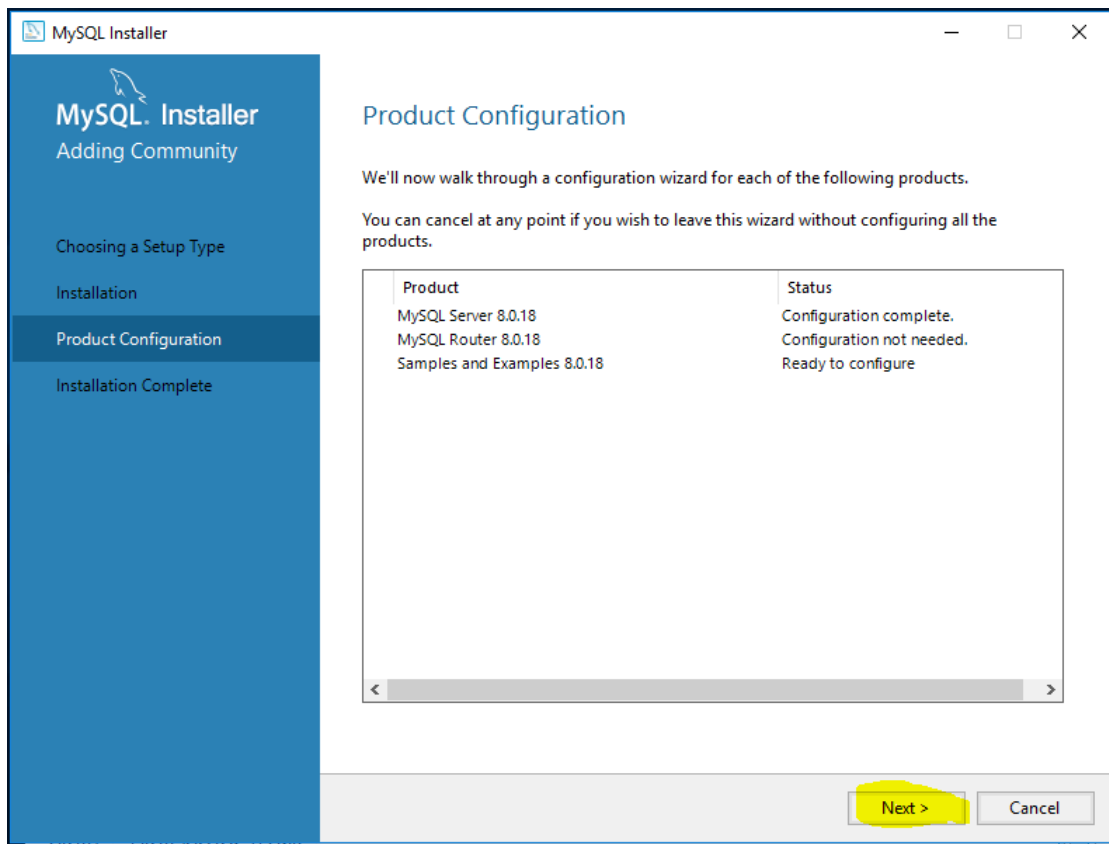

19]   Push the Next Button.
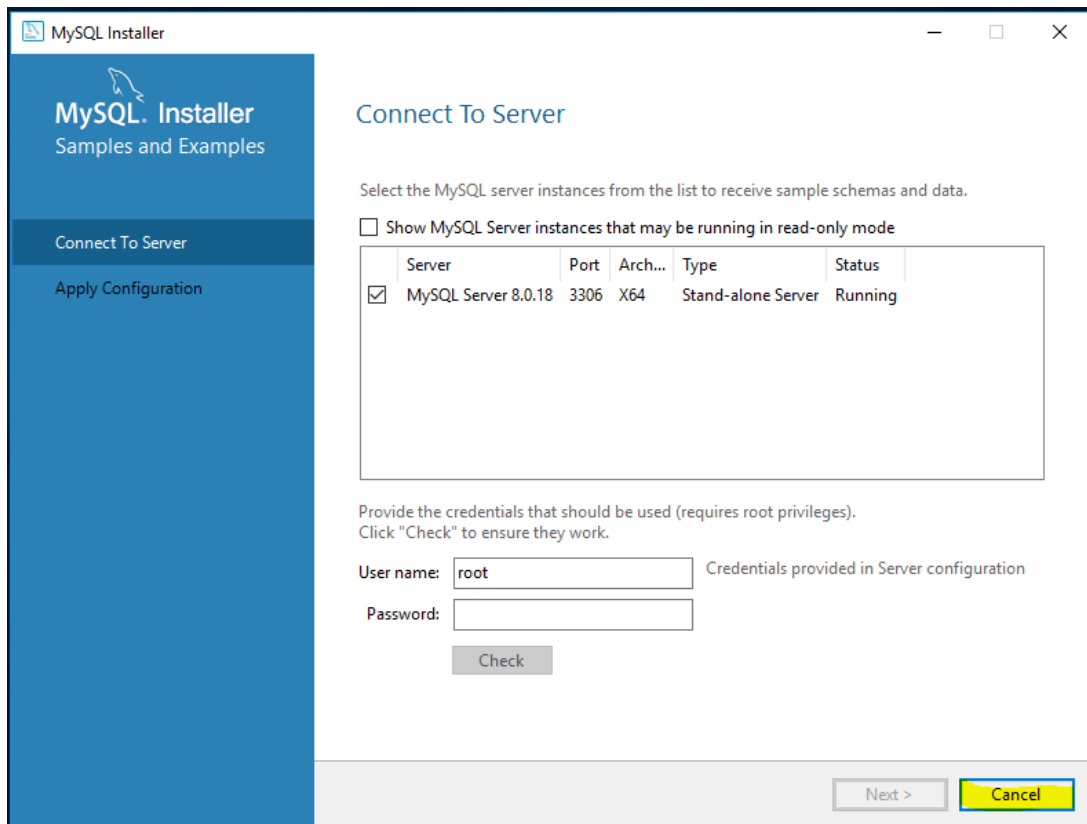
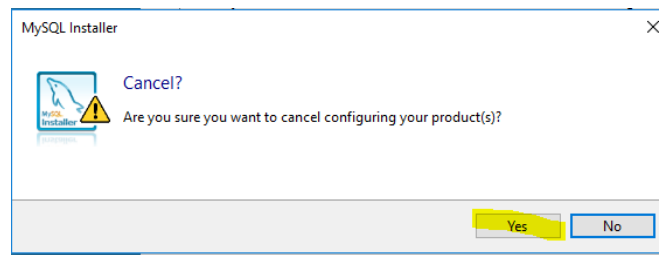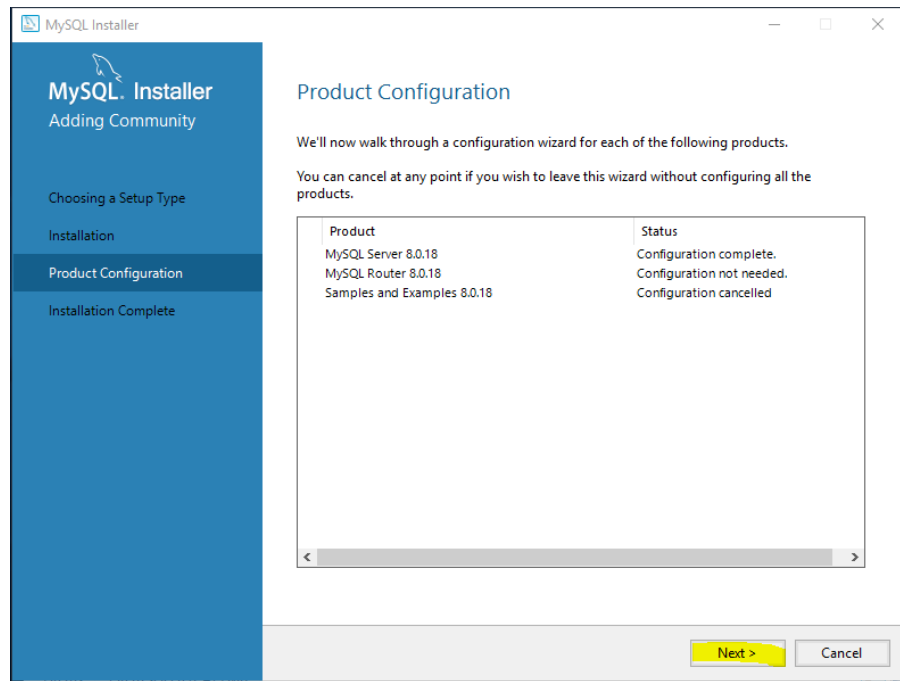20]   Push the Next Button.

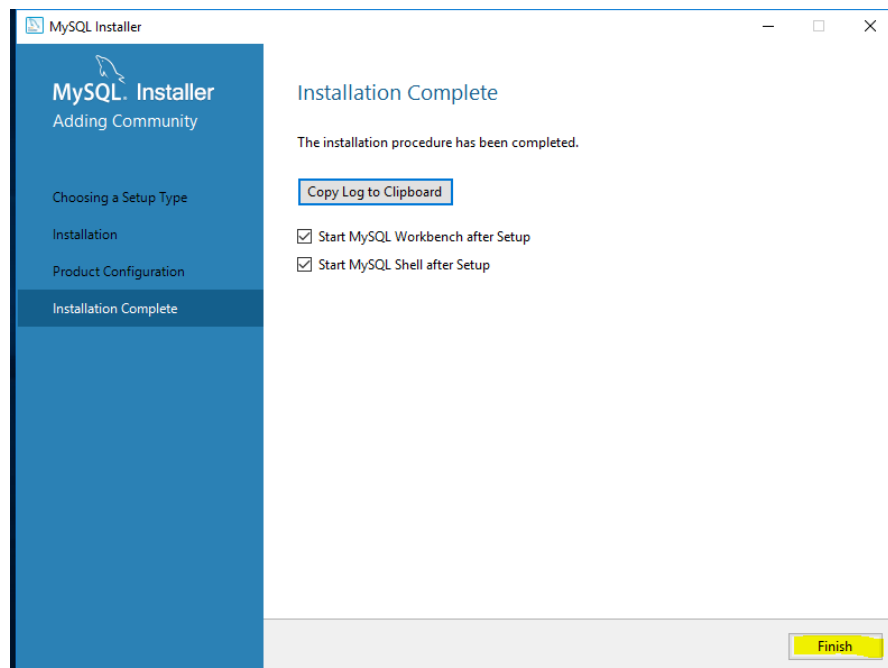21]   Push the Next Button.

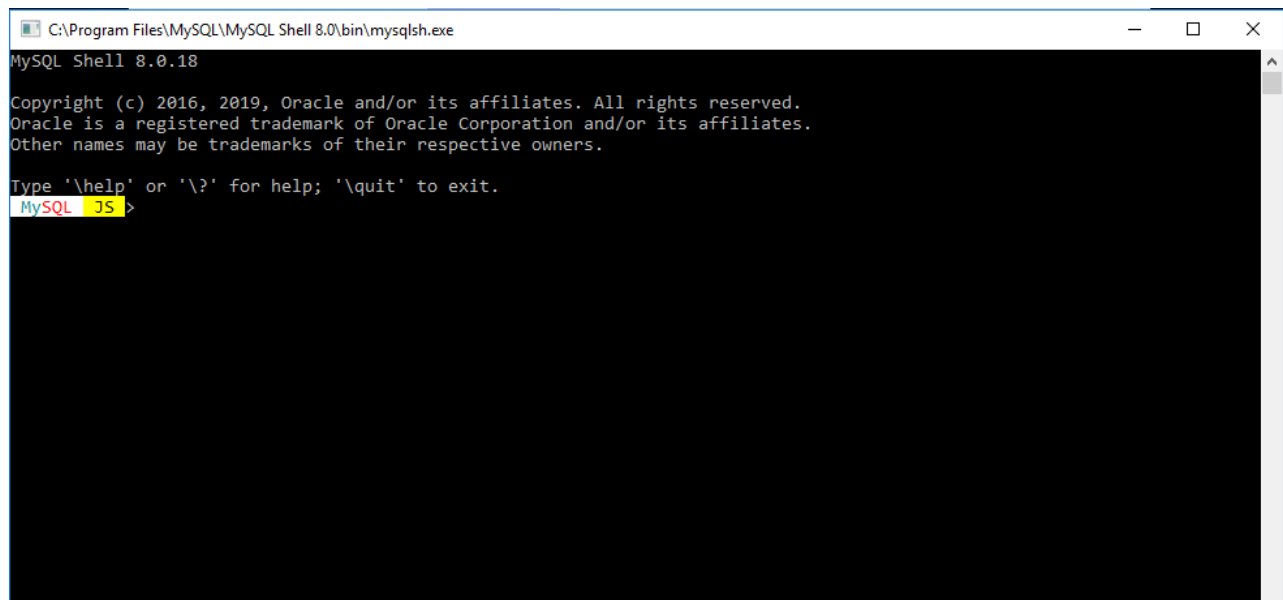22]   Push the Cancel Button.

23]   Push the Yes Button.

24]   Push the Next Button.

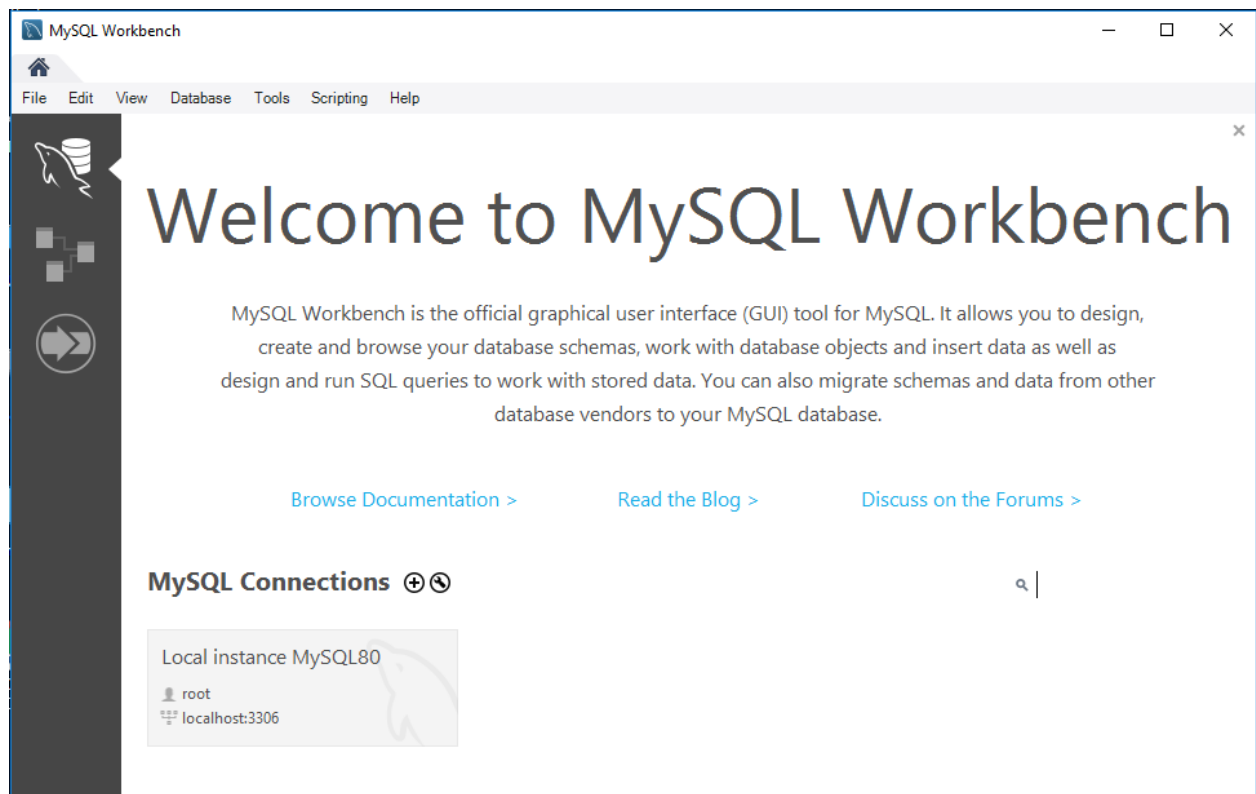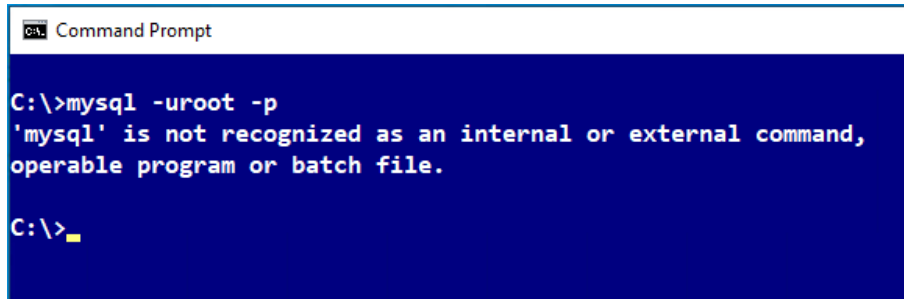

25]   Push the Finish Button.

26]   MySQL is running at the Command Line.

27]   MySQL Workbench is a database GUI

1]   I could certainly run the MySQL Command option, but I would really like to be able to start MySQL in any command window without pathing down to the application. As you can see below, my system does not find the application.
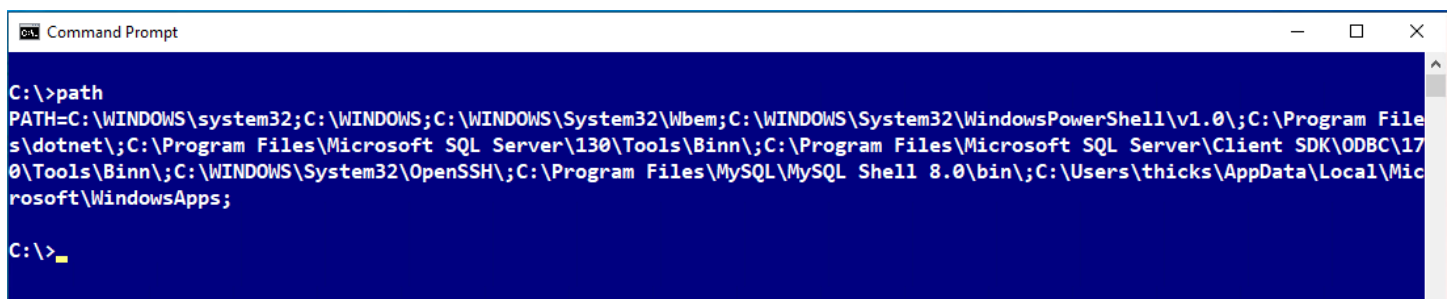

2]   We need to add MySQL to the path.

3]   I need to find the MySQL application. Mine was store in **C:\Program Files\MySQL\MySQL Server 8.0\bin**
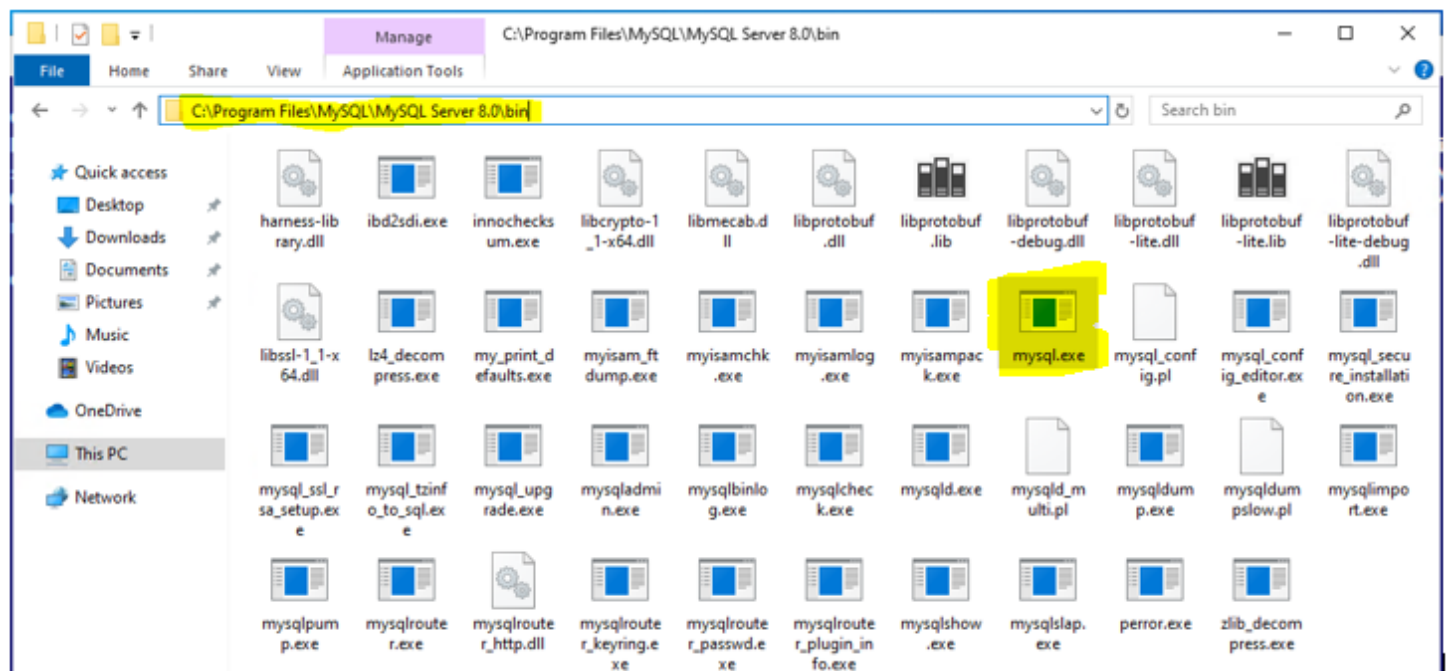
4]   Right-Mouse Click on ThisPC ➔ Select Properties.
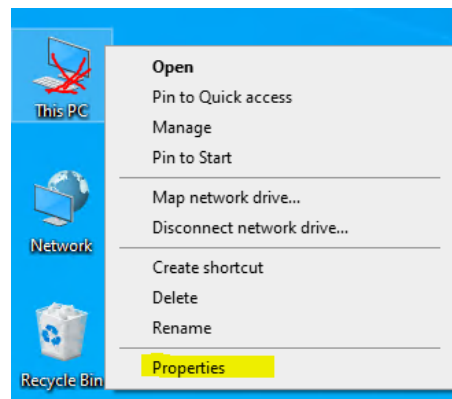
5]   Push the Advanced System Settings Link..
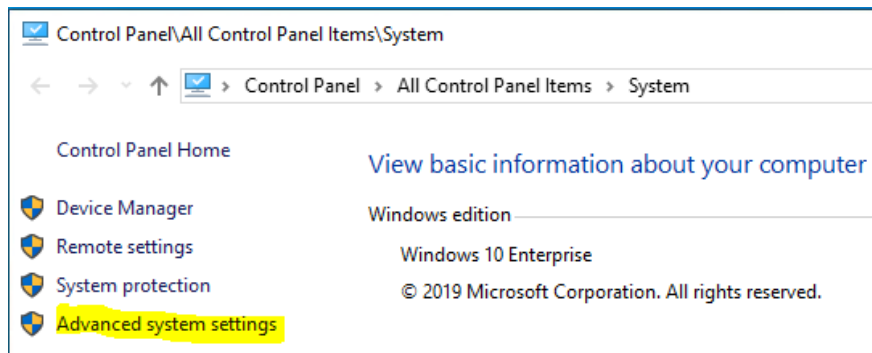
6]   Push the Environment Variables Button.
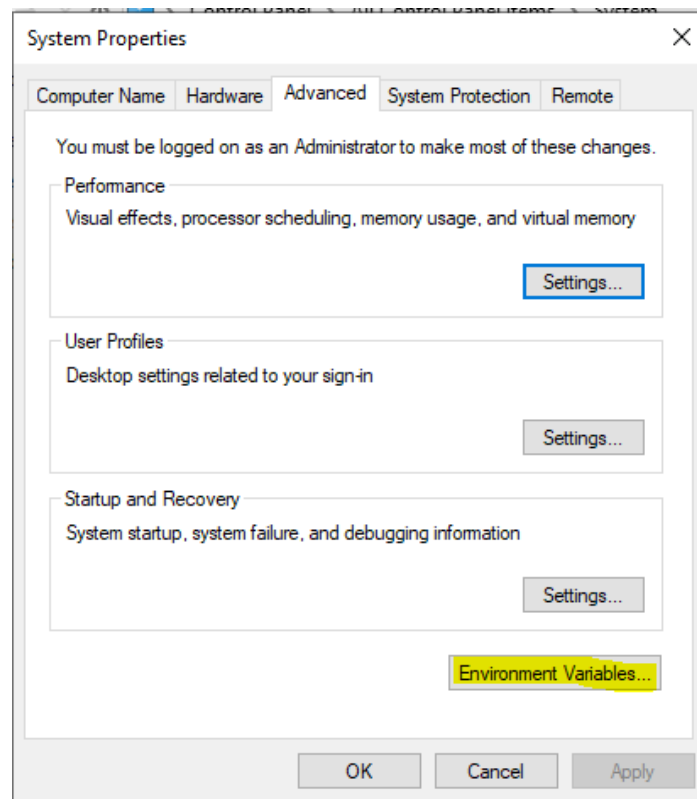
7]   Select Path in the top window. Push the Edit Button.
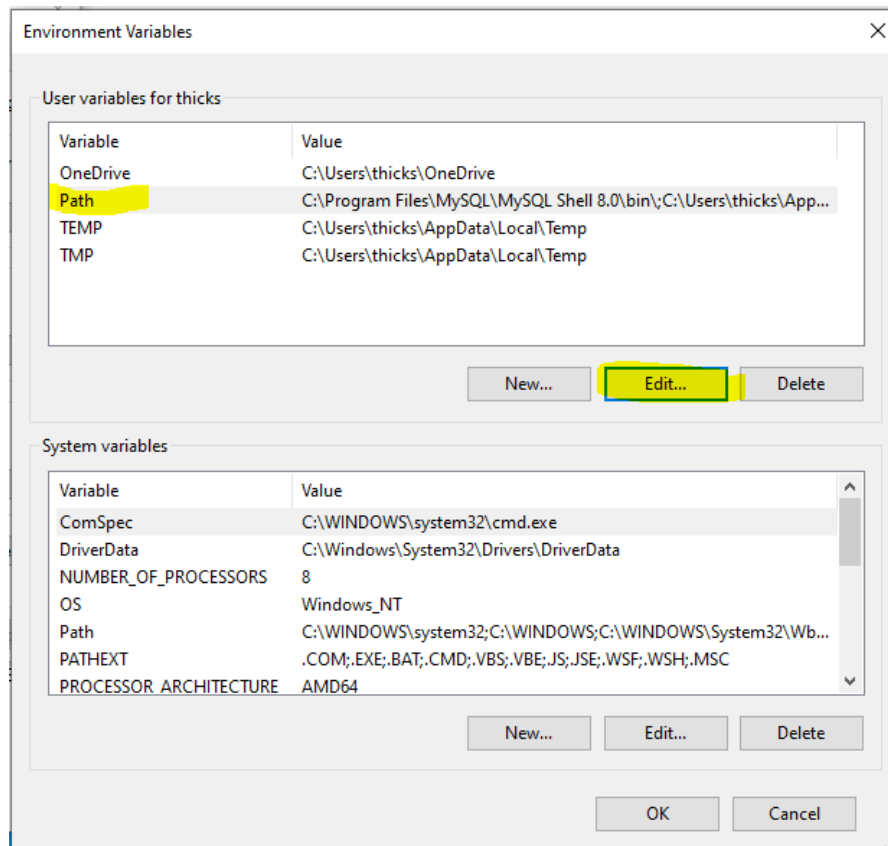
8]   Push the New Button.
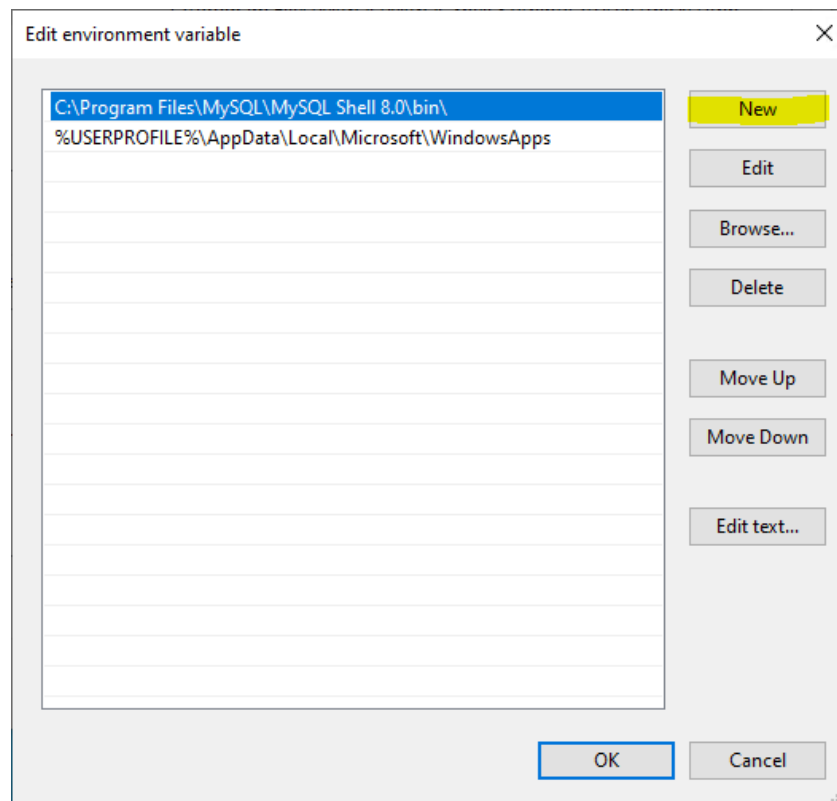
9]   Enter/Paste the link to the MySQL binary directory. Push the OK Button.
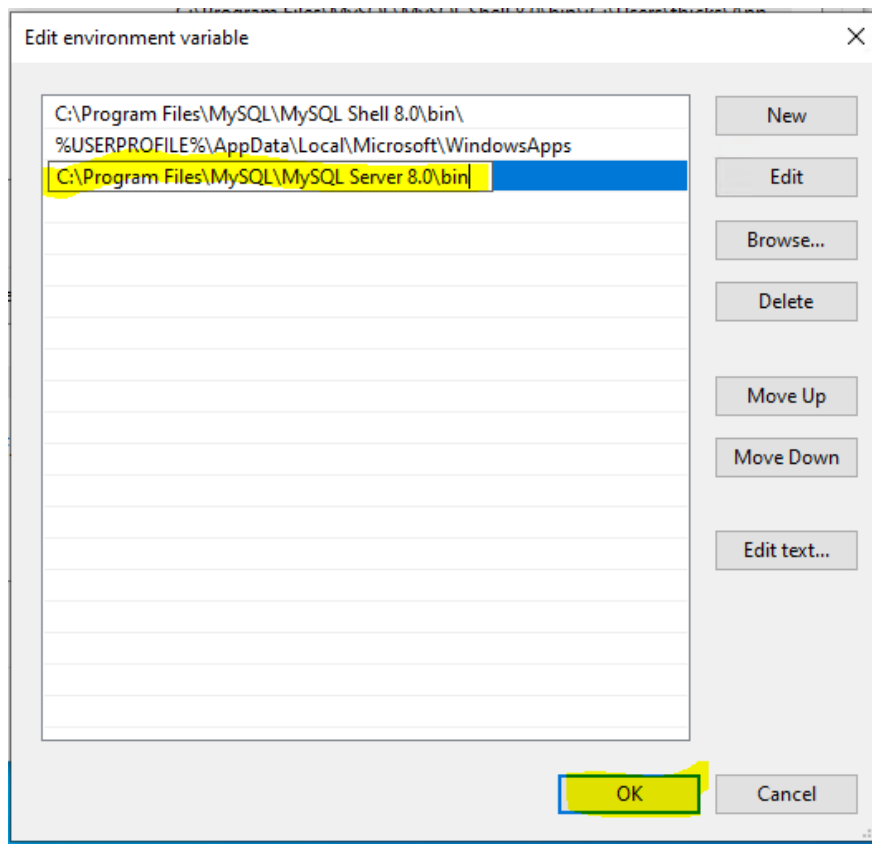
10]   Select Path on the bottom left. Push the Edit Button.
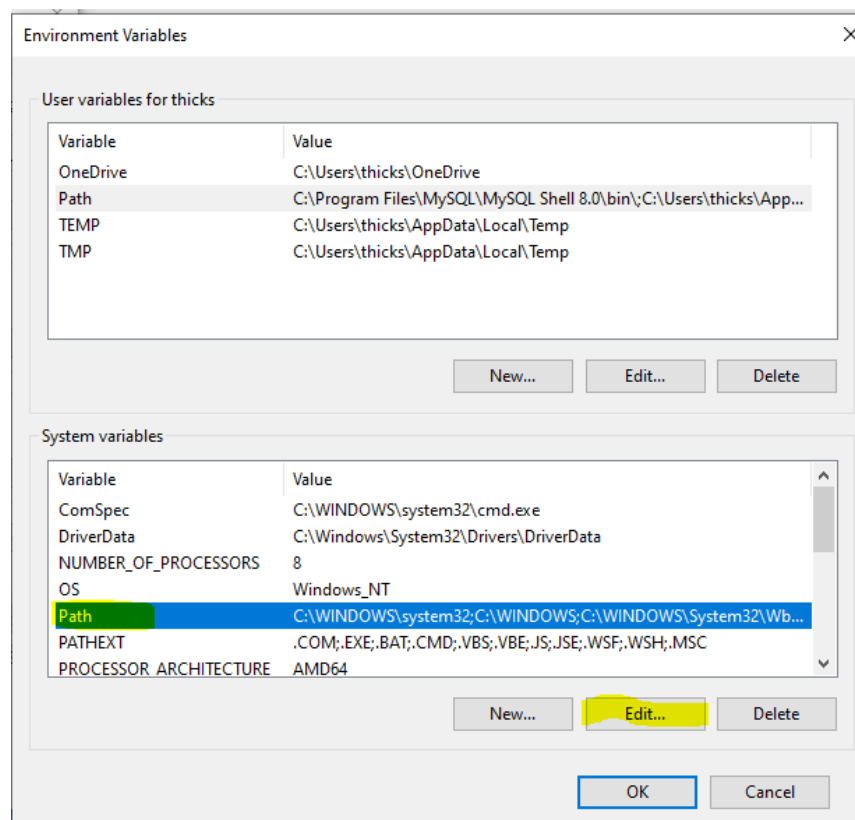
11]   Push the New Button.
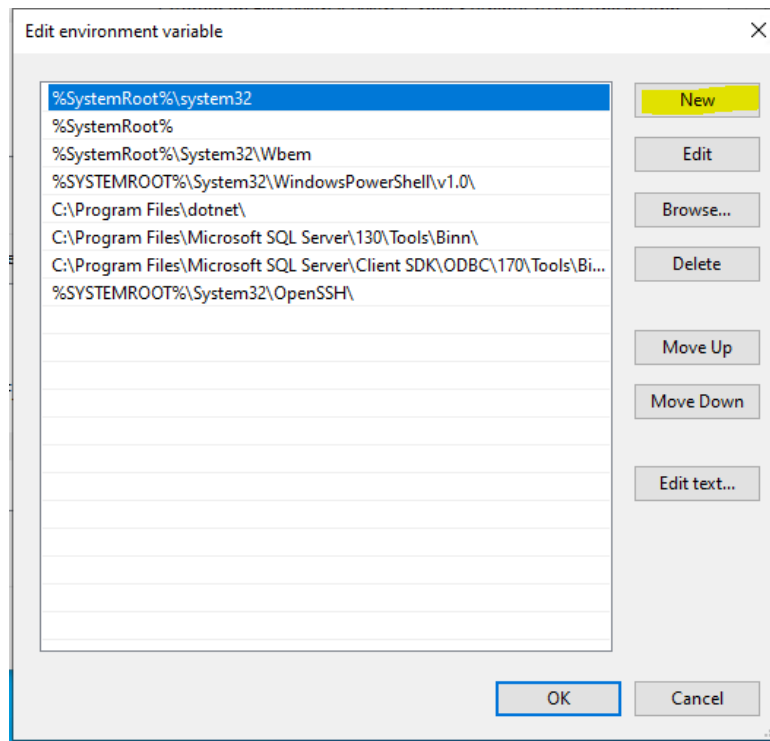
12]   Enter/Paste the link to the MySQL binary directory. Push the OK Button.

13]   Push the OK Button.

14]   Push the OK Button.

15]   Return to the normal command prompt. Attempt to start MySQL again. Note that it connects! YEA!

Software Engineering Tutorials

1]　　　Historically, some students have come into Software Engineering with very little experience in Windows This semester, we will be developing projects in Microsoft Visual Studio 2019.
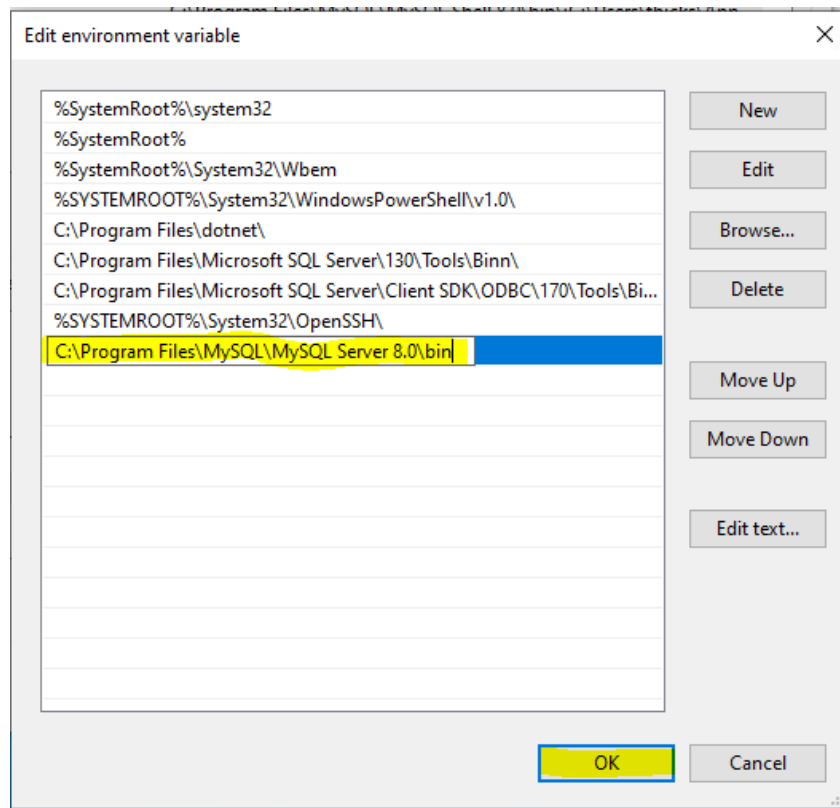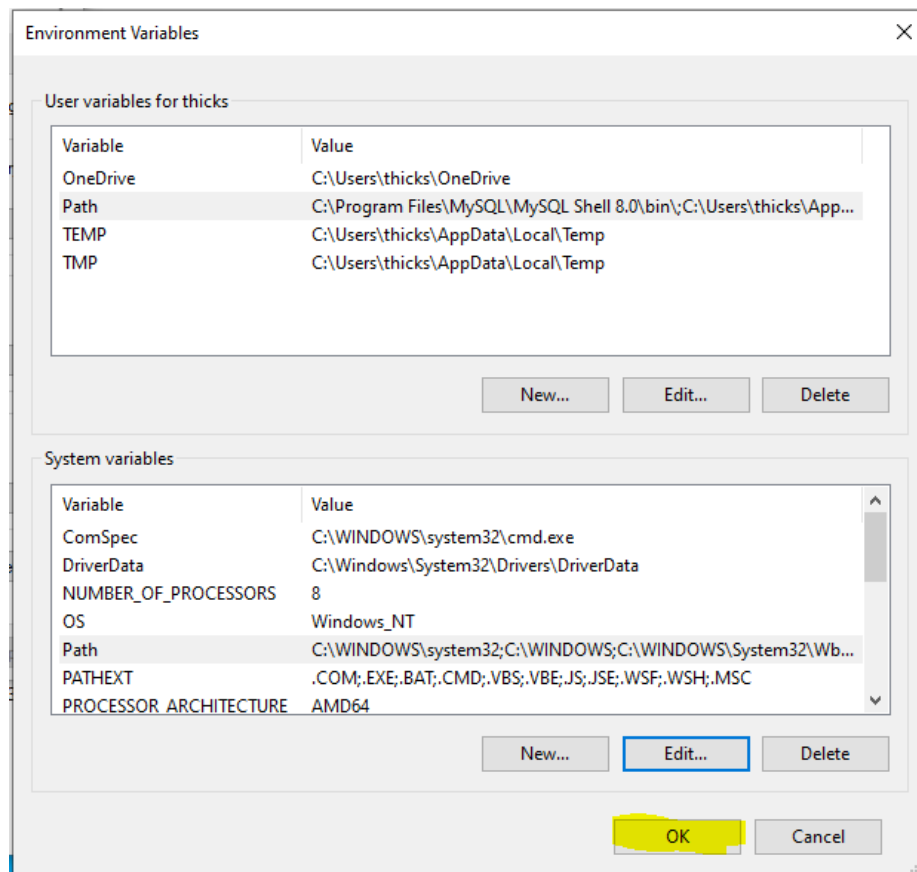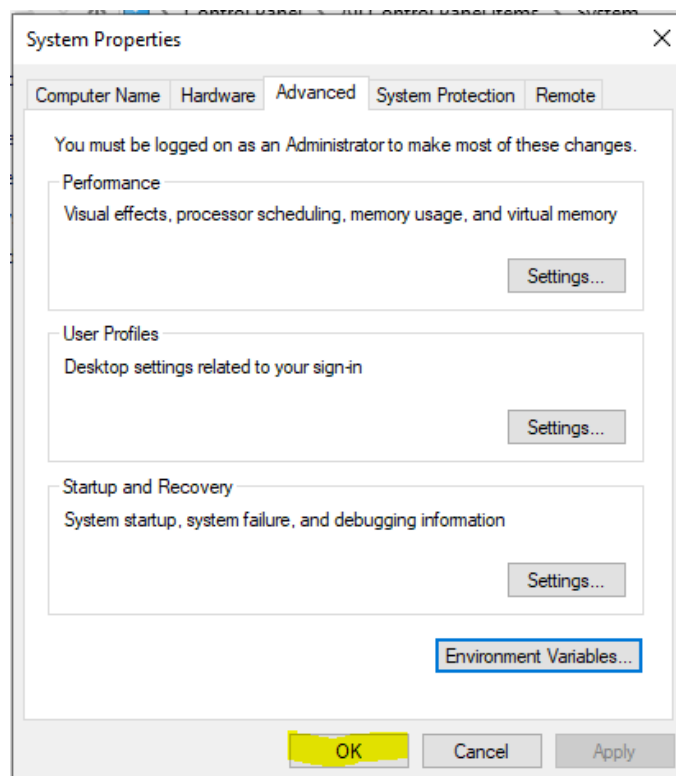
Install-Configure-Visual-Studio.pdf

2]　　　Database is an essential design component in today's software engineering. Well over 90% of applications utilize database; many of you will use it in internships and beyond. Since we do not have a required course in database the department has asked those teaching (1) CSCI-2320 to include at least 6 hours of database and (2) CSCI-3321 to include at least 8 hours of database. This fits very nicely in the design aspects of Software Engineering. We will begin with MySQL. Since some of you may choose to integrate portions of it with your Final Project, we are going to utilize MySQL in Windows.

Install-Configure-MySQL-Windows.pdf

3]　　　Last year, I had some students with very little Windows Experience; they spent the first two-three weeks trying to get a Windows environment that they could use without coming to our labs.

4]　　　WHAT DO I DO IF I DON"T HAVE A Windows 10 System?

　　　A)　　　You could come to the labs

　　　B)　　　If you are a MAC user, you could
　　　　　　1] Set up boot-camp (free) and run both Mac & Windows (if you have enough hard disk space). With this solution, you can run in both Windows & Mac OS but it requires a reboot. Easy to configure – check out YouTube for help.
　　　　　　2] Buy Parallels (educational $40-50) – allows you to run in both Windows & Mac at same time (if you have enough hard disk space). I use this myself.
　　　　　　3] Install VirtualBox on your Mac and create a Windows Virtual Image.

　　　C)　　　If you are a LINUX user, you could
　　　　　　1] Partition your hard drive (if you have enough hard disk space) into two major portions – one for LINUX

and one for Windows, Hard to configure – check out YouTube for help.

    2] Install VirtualBox on your LINUZ and create a Windows Virtual Image.

D)   You can come to me and I will give you remote access to one of my systems.

5] Several of my MAC and LINUX users during the past few years have chosen to do Virtual Box. Many of them had no experience with Virtualization. Installing VirtualBox is extremely easy (no-brainer). I have a tutorial that will help you set up a Windows Image.

<div align="center">

Preparing-VirtualBox-Windows-10.pdf

</div>

6] Each of the approaches requires setting up Windows 10 from iso or cd. I have designed a tutorial to help. This tutorial would be worth reviewing if you are not comfortable with all of the following

A. Install Windows 10
B. Place Icons On Desktop
C. Configure File View
D. Download & Install Chrome
E. Download & Install Notepad ++
F. Add Snipping Tool To Taskbar

G. Run Automatic Update
H. Create Windows Share Folders
I. Configure Share Access To Your Computer
J. Set Your Computer Name
K. Configure Remote Desktop

<div align="center">

Install-Configure-Windows-10.pdf

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7] Your system could be a desktop that you remote into – if that is the case, make sure you have checked with IT to get a Windows 10 Professional or Windows 10 Enterprise version. The Home Versions just don't work.

8] If you want to do everything on your personal computer, you will need Microsoft Office. The Installation is so simple, it hardly justifies a tutorial.

<div align="center">

Install-Microsoft-Office.pdf

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