# Small Exercise – Installing MySQL Server and MySQL Workbench

# ITCS 3160

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This script was originally written for MySQL 8.0.13. The current (07/17/19) version is MySQL 8.0.16. I do not believe there are any differences in the installation of these versions. *If you believe you have made error during the installation process leaving a partially installed application and you believe you just want to start over, you should not uninstall the application using Programs and Features from the Windows Control Panel. Instead, rerun the MySQL Installer program and follow its directions to Remove all components.*

1. Download MySQL
   1. <https://dev.mysql.com/downloads/mysql/>
   2. Scroll down to the Generally Available (GA) Releases tab.
   3. Select your OS platform in the drop-down list
   4. For Windows click on the Go to Download Page > button  
      Download **mysql-installer-community-8.0.16.msi**Run .msi file  
        
      For macOS, sorry not sure which file is best. The last page of this script is a collection of references for macOS installation.
2. On the Begin Your Download screen the two obvious choices are to login to your existing Oracle account or to open your new Oracle account. To continue you may do either, or if you don’t want to login at all just below the Login/Sign Up buttons there is a smaller **No thanks, just start my download** link. Click your choice to proceed.
3. Run the installation file.
4. Select Developer default  
   Next
5. If there are installation components you do not have installed and choose not to install go back to previous screen, select Custom>Next, and remove unwanted Products/Features.  
   Next
6. Install Screen with list of products “ready to Install”:  
   Server  
   Workbench  
   Shell  
   Router  
   Connectors  
   Documentation  
   Samples and Examples  
     
   Next
7. Ready to Configure  
   Next
8. Group Replication  
   Choose Standalone MySQL Server  
   Next
9. Type and Networking  
   Accept defaults  
   Next
10. Authentication  
    **Use Legacy Authentication**  
    Next
11. Accounts and Roles  
    Enter and verify root password  
    ***Record root password!***  
      
    You may set up additional accounts, too; or you may do this later.  
    You might set up an account with your name. Accept defaults and enter and verify account password. Record the user name and password! This second account will be equal in access to administrative functions (DB Administrator, same as root).   
      
    Next
12. Windows Service  
    Recommendation: Accept defaults. This will allow MySQL server to start automatically when you boot your computer.  
    Apple: Not sure what Apple equivalent is.  
      
    Next
13. Apply Configuration  
    Execute  
    Finish
14. Product Configuration  
    Server already configured  
    Do not configure Router  
    Finish  
    Samples and Examples  
    Connect to Server  
     server preselected  
     enter root password  
     Check: Connection Succeeded  
      
    Next
15. Apply Configuration  
    Next
16. Installation Complete  
    Accept defaults  
      
    Finish
17. MySQL Shell and MySQL Workbench both open  
    Examine both  
    Shell  
     allows command line entry  
     X on Title Bar to close  
    Workbench  
     likely work environment for this class  
     close with X on Title Bar or File>Exit

These are some references for installing MySQL on Mac

1. <https://dev.mysql.com/doc/refman/8.0/en/osx-installation.html>
2. <https://tecadmin.net/install-mysql-macos/>
3. <https://dev3lop.com/how-to-install-mysql-on-mac/>
4. <https://www.youtube.com/watch?v=UcpHkYfWarM>
5. <https://sequelpro.com/docs/ref/mysql/install-on-osx>

These are some installation instructions for Mac written by a previous TA:

1. Download MySQL Community Server.

<https://dev.mysql.com/downloads/mysql/>

1. Install MySQL on macOS Using Native Packages.
   1. <https://dev.mysql.com/doc/refman/5.7/en/osx-installation-pkg.html>
2. Download and Install MySQL Workbench. It appears that the server and Workbench are two separate installs.

<https://dev.mysql.com/downloads/workbench/>

These are some exploration instructions for Mac written by a previous TA:

1. Download the univdb.sql file from canvas.
2. Lanch MySQL Workbench like any application in your computer
3. Creating A New MySQL Connection  
   <https://dev.mysql.com/doc/workbench/en/wb-getting-started-tutorial-create-connection.html>
4. Import the univdb.sql data file to your database by following the Exploring MySQL Small Exercise on Canvas.