1. Install prerequisites .Net Framework from
   https://dotnet.microsoft.com/download/dotnet-framework/net472

2. Microsoft Visual C++ Redistributable for Visual Studio 2019. Community version which is free for students from https://visualstudio.microsoft.com/downloads/

3. Download MySQL from https://dev.mysql.com/downloads/mysql/ based on your operating system.

4. You can download the MySQL, you can choose the online installation version mysql-installer-web-community -8.0.21.0.msi.

5. You can either create an account or login or just No, thanks just start my download

6. Run the .msi file that was downloaded

7. The system will ask for choosing a setup type, choose custom, and then select mysql server under My SQLServers, and under applications choose MYSQL Workbench, and shell.
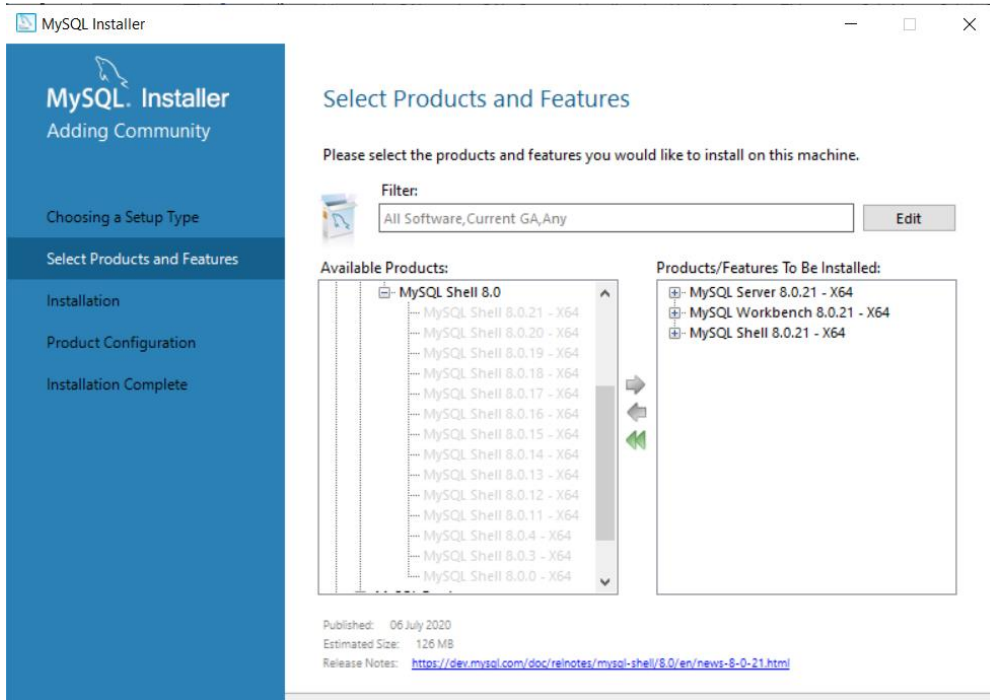
You can also Select Developer Default or Full it may take time to download and install. It will also take more memory. The custom selection as above is enough for this lab. But if we want to explore connecting the database using Java/c++ then go for Developer Default.

8. Click on Next and then Execute.
9. Upon successful installation . we have to configure the server settings.
10. Select the Standalone MySQL Server option in the next window
11. Then select the default settings, Development Computer for config type, port etc and click on next
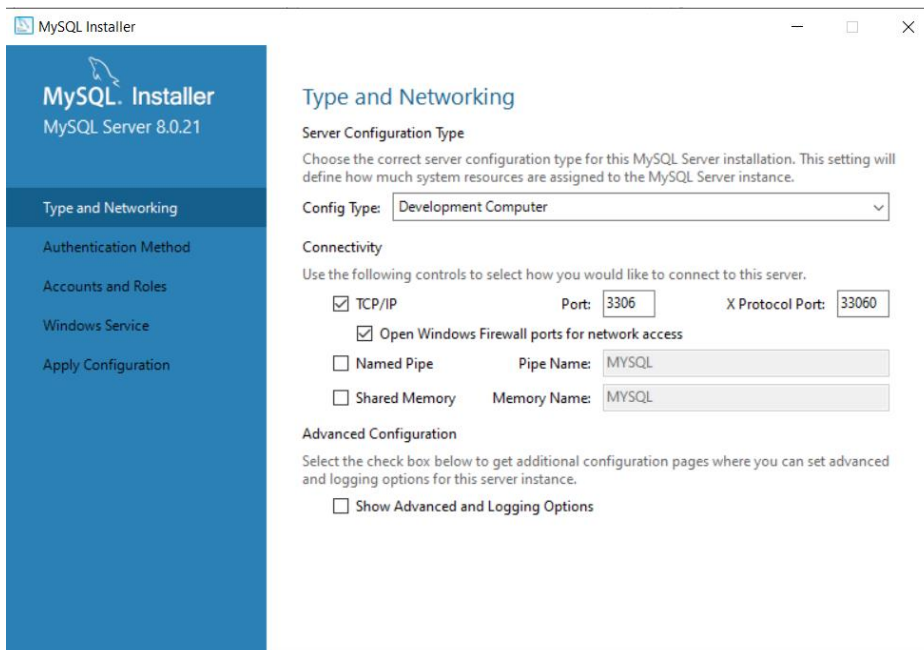
12. Select the default Use Strong Password Encryption for Authentication and click on Next.

13. Enter the MySQL root user password and click on next. (<mark>Make sure to remember this password it is needed for login to mysql everytime)</mark>
14. Leave everything as default in Windows Service Configuration and click on next
15. Then Apply configuration click on execute and the configuration procedure is completed. So click on Finish in subsequent windows.

Executing Queries.

1. Launch MySQL Workbench from the windows menu or Search and launch the app.
2. Connect to the Local instance of MySQL 8.0. give the root password that you entered during configuration.