

Structured Query Language (SQL)
Week 1

Assignments (Home)

Welcome to Structured Query Language (SQL). This material is used for students which helps to SQL course easily

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| RecipesExample database..... | 34 |
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| SchoolSchedulingExample databases..... | 38 |

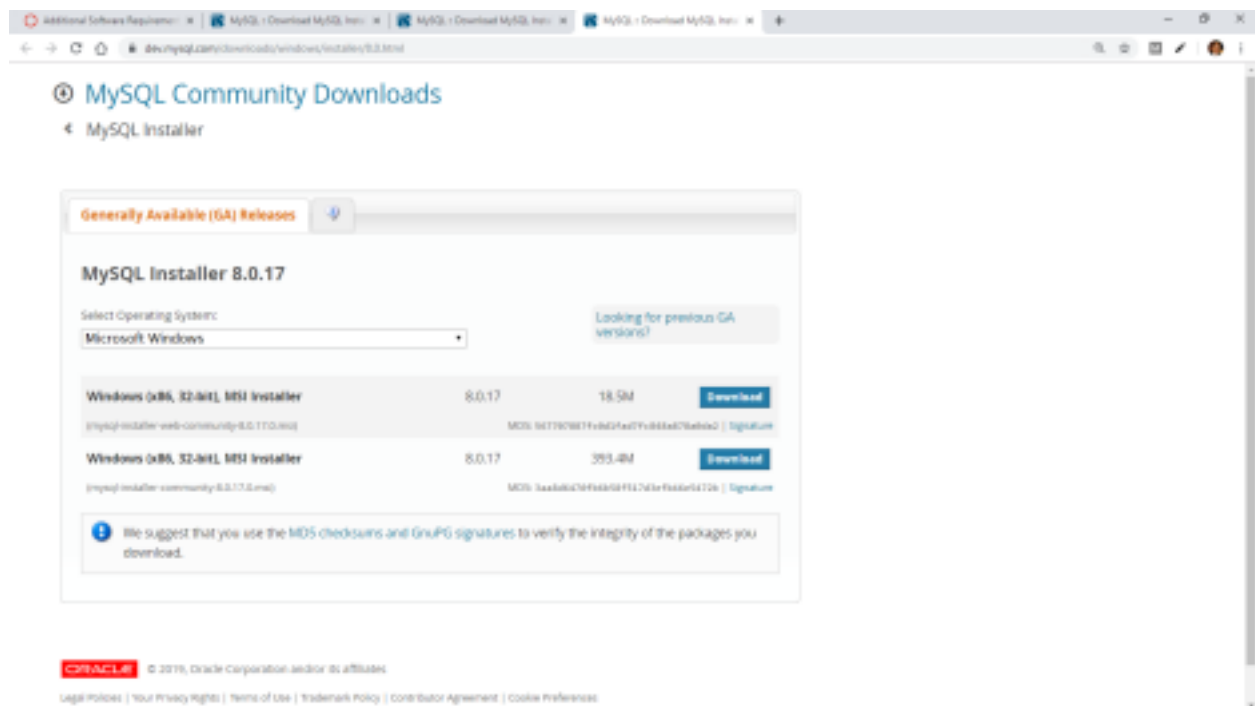
Habtamu Dargaso
Computer science Student
Habtamu. adargaso@gmail.com

Step 1. Install MySQL Server and Workbench (20 pts)

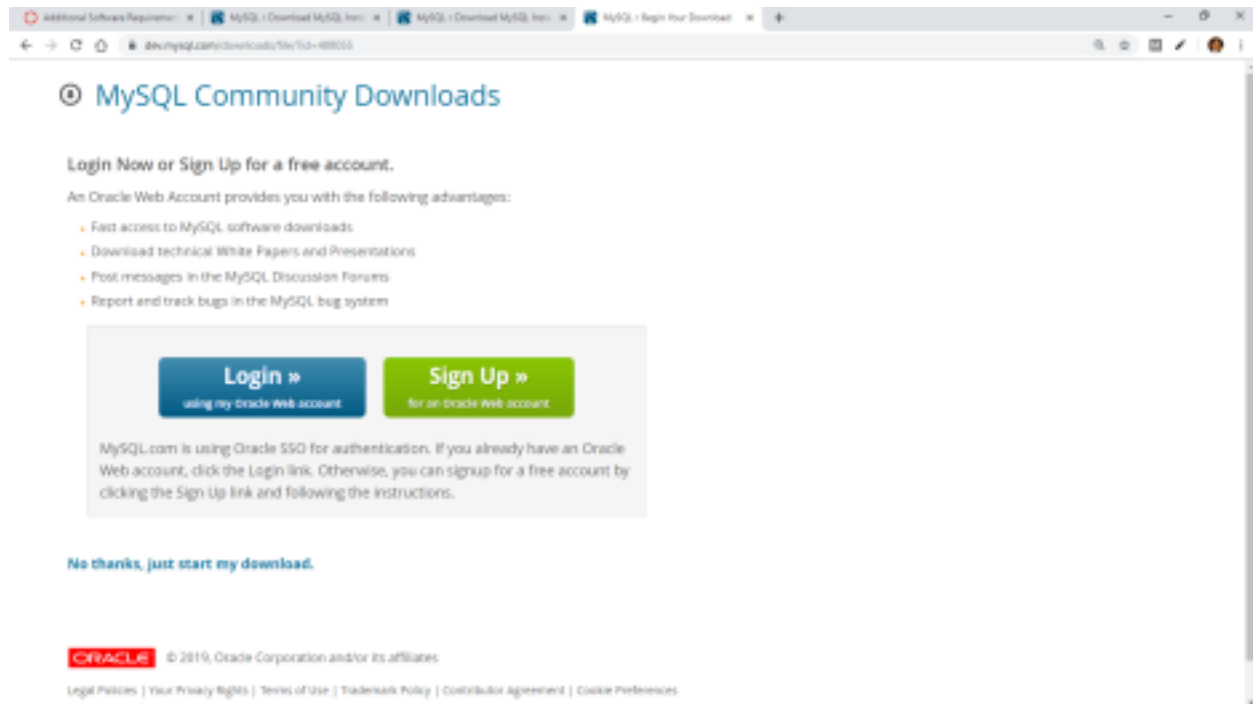
Open a web browser in your PC (This procedure is for **Windows 10**. For the other Windows operating systems, the procedure is similar). Access the **MySQL Community Server** download page <https://dev.mysql.com/downloads/windows/installer/8.0.html> to download **MySQL Installer (8.0.17mysql-installer-community-8.0.17.0.msi)**.

Connect to <https://dev.mysql.com/downloads/windows/installer/8.0.html>.

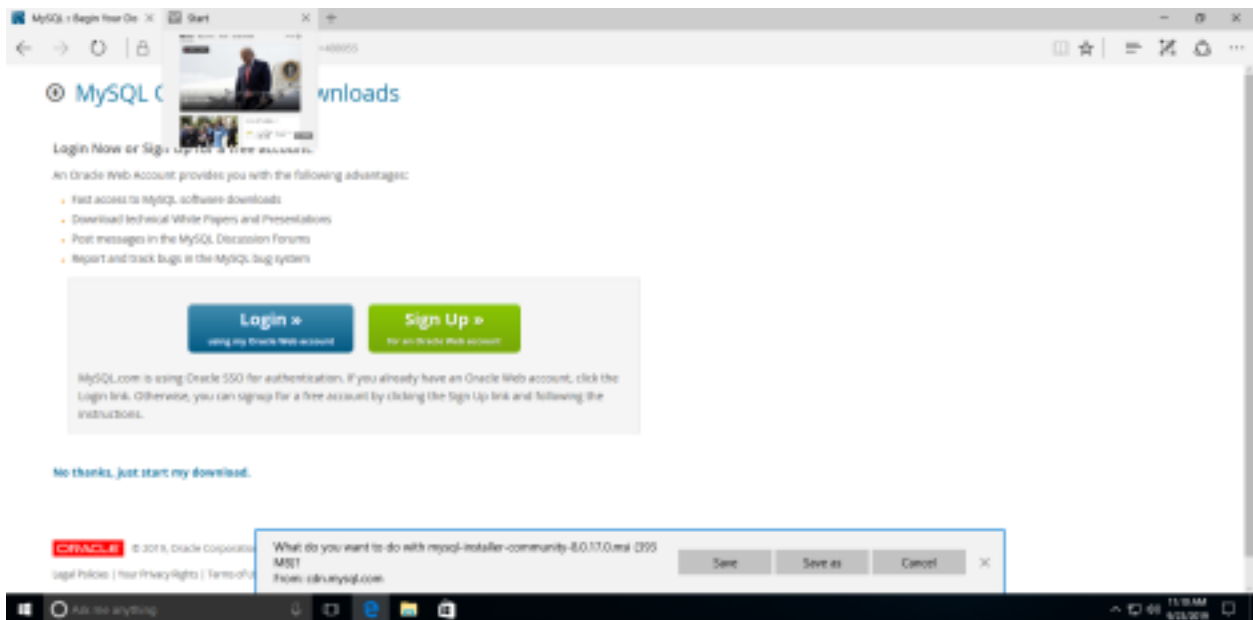
Click **Windows (x86, 32-bit), MSI Installer (mysql-installer-community-8.0.17.0.msi)** **Download**.



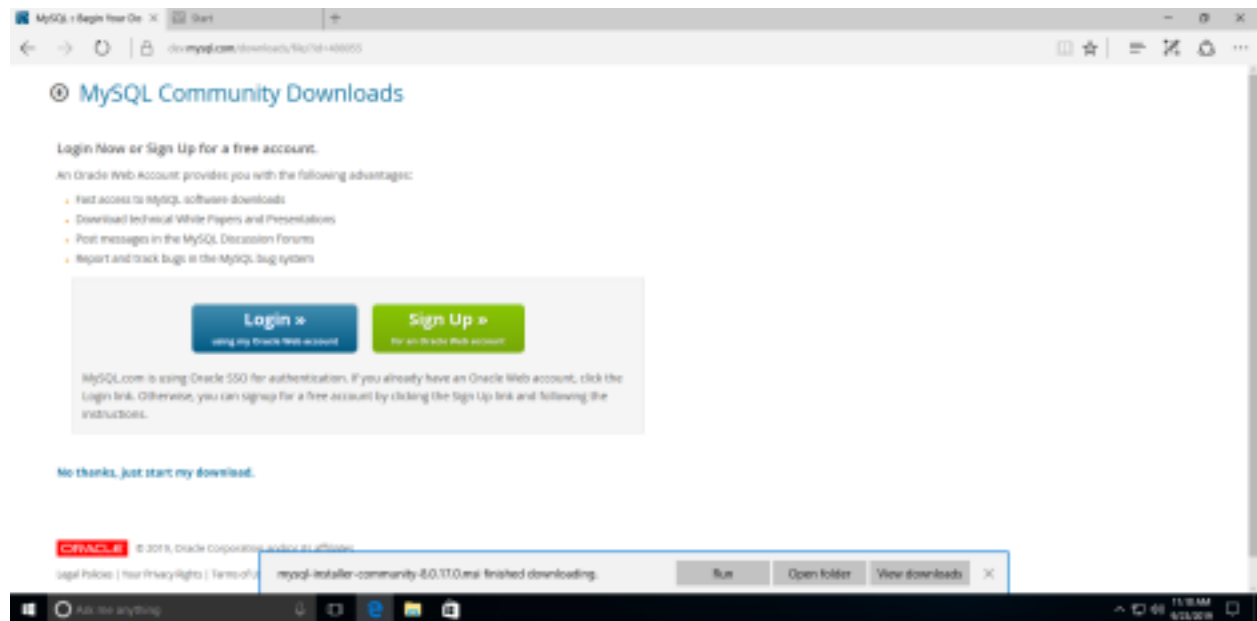
Click "No thanks, just start my download."



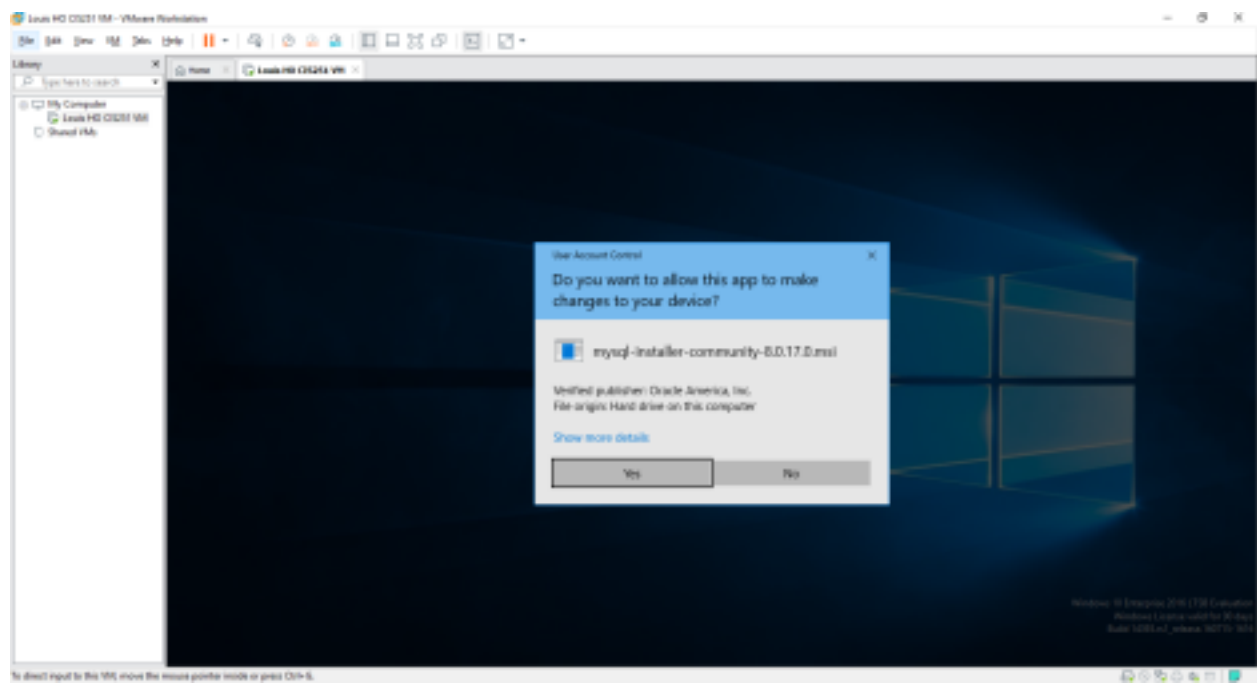
Click **Save**.



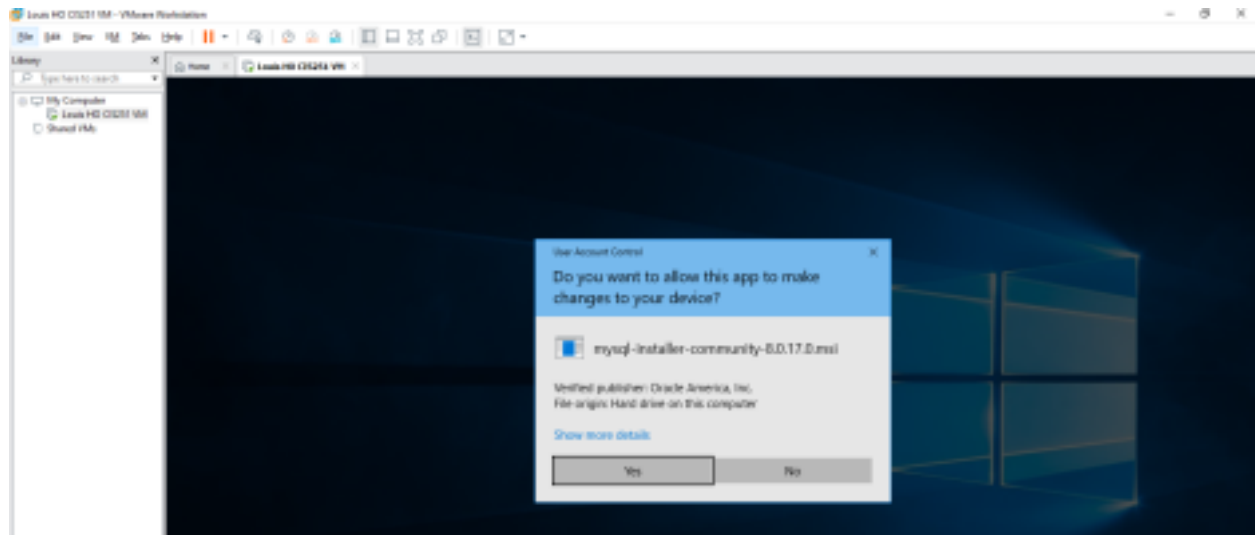
Click **Run**.



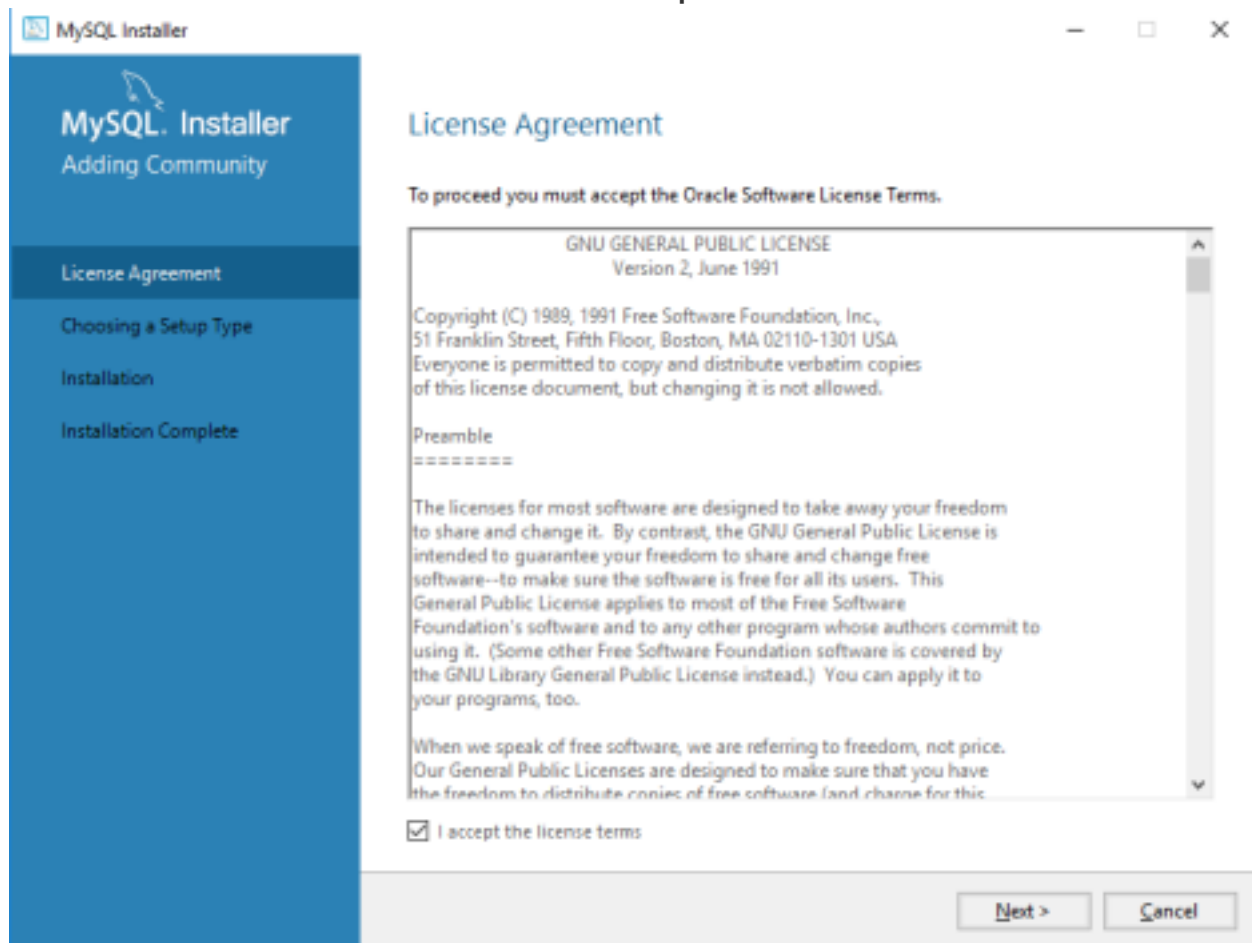
Click **Yes** if prompted.



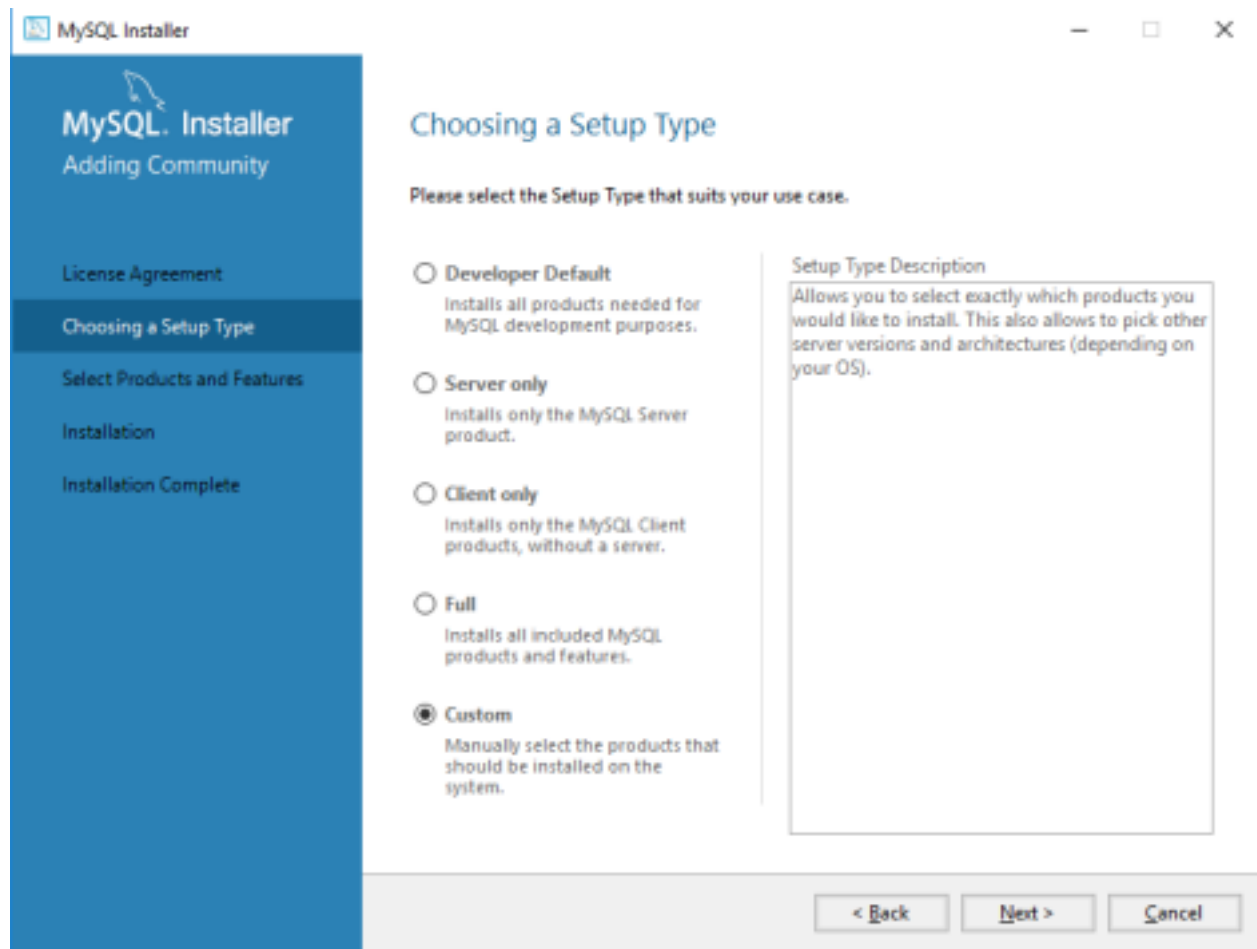
Click **Yes** if prompted.



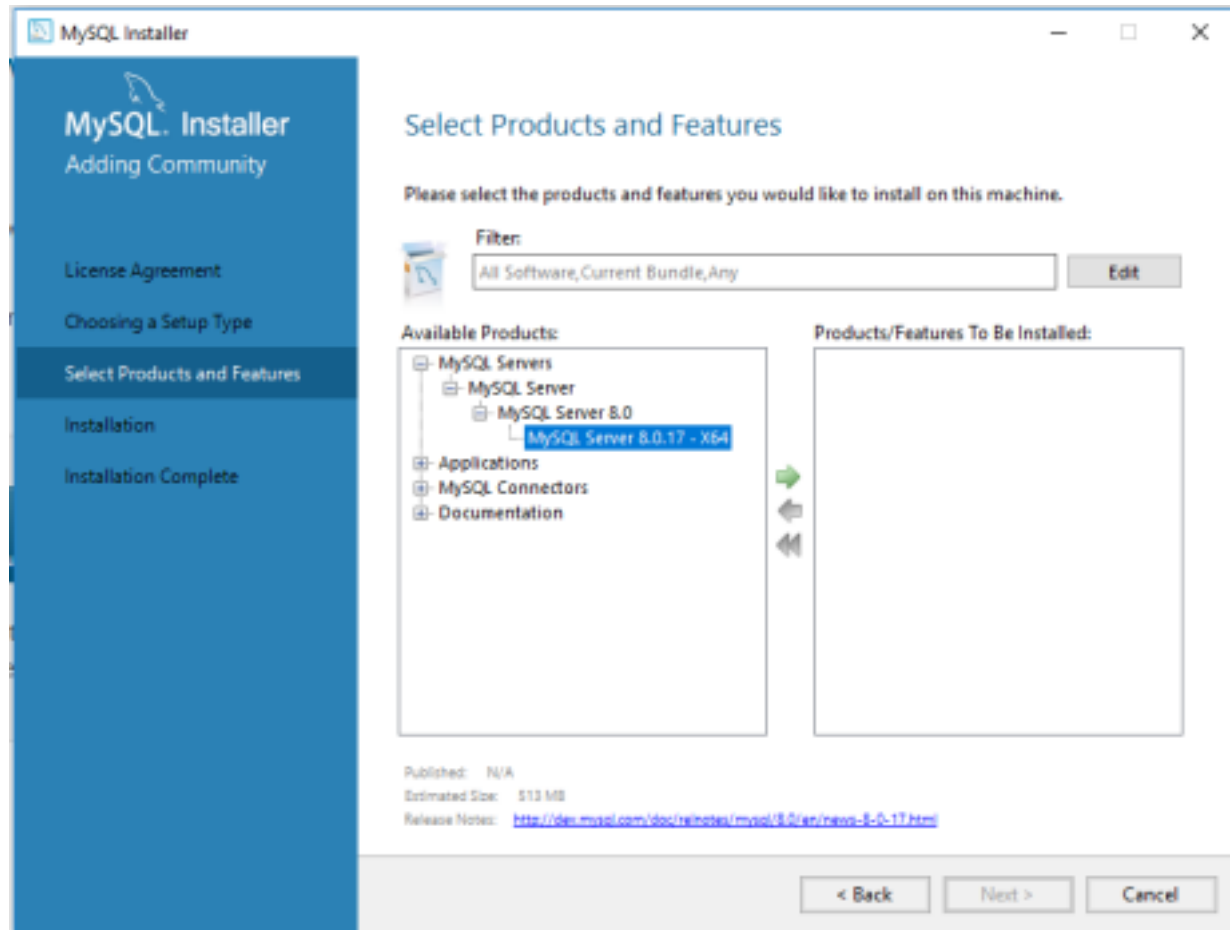
Once the installation wizard has started. Check **I accepted the license terms**. Click **Next...**



Select **Custom**. Click **Next**.

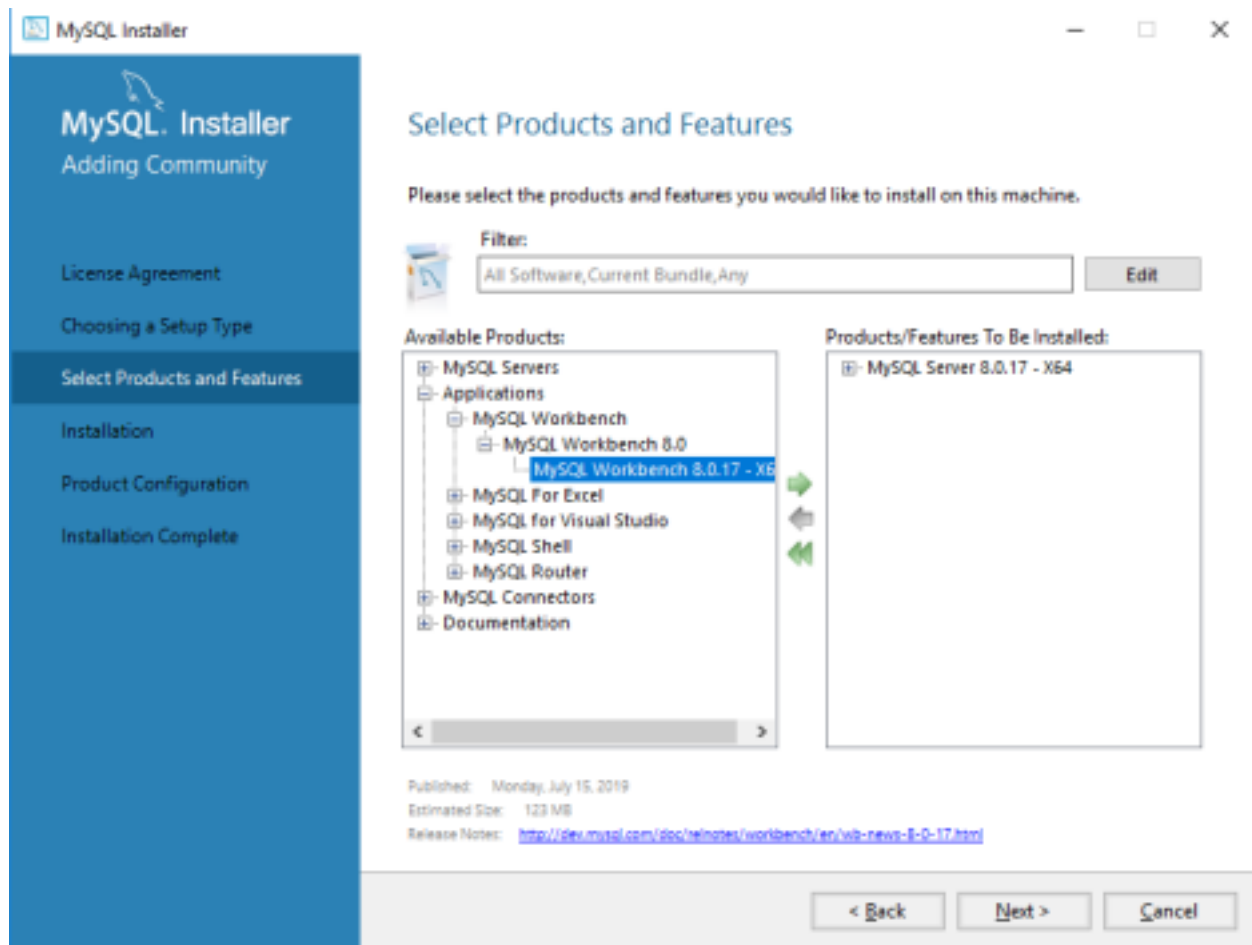


Select **MySQL Servers > MySQL Server > MySQL Server 8.0 > MySQL Server 8.0.17 – X64.**



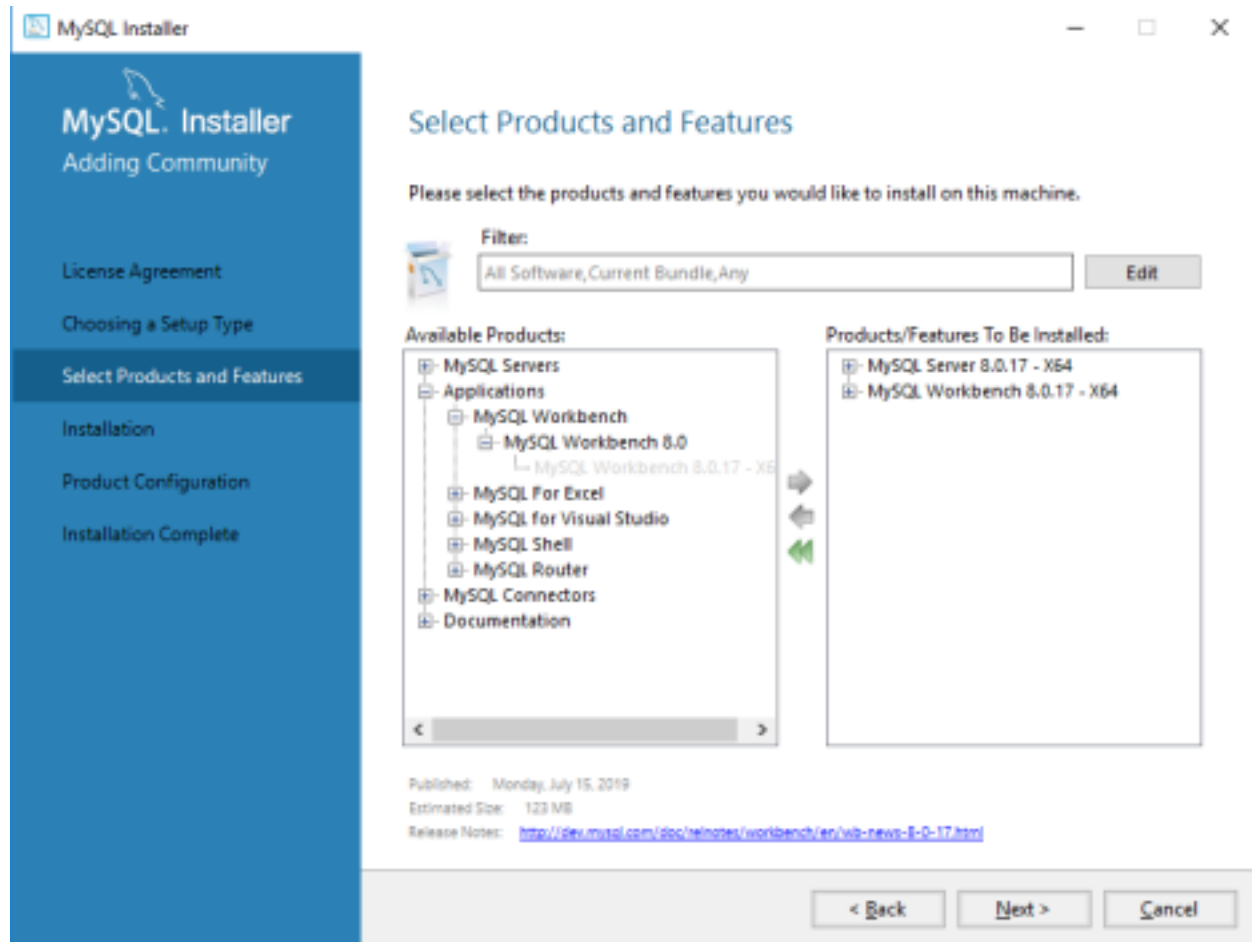
Click the **Right** arrow to install the software.

Select **Applications > MySQL Workbench > MySQL Workbench 8.0.12 – X64**.

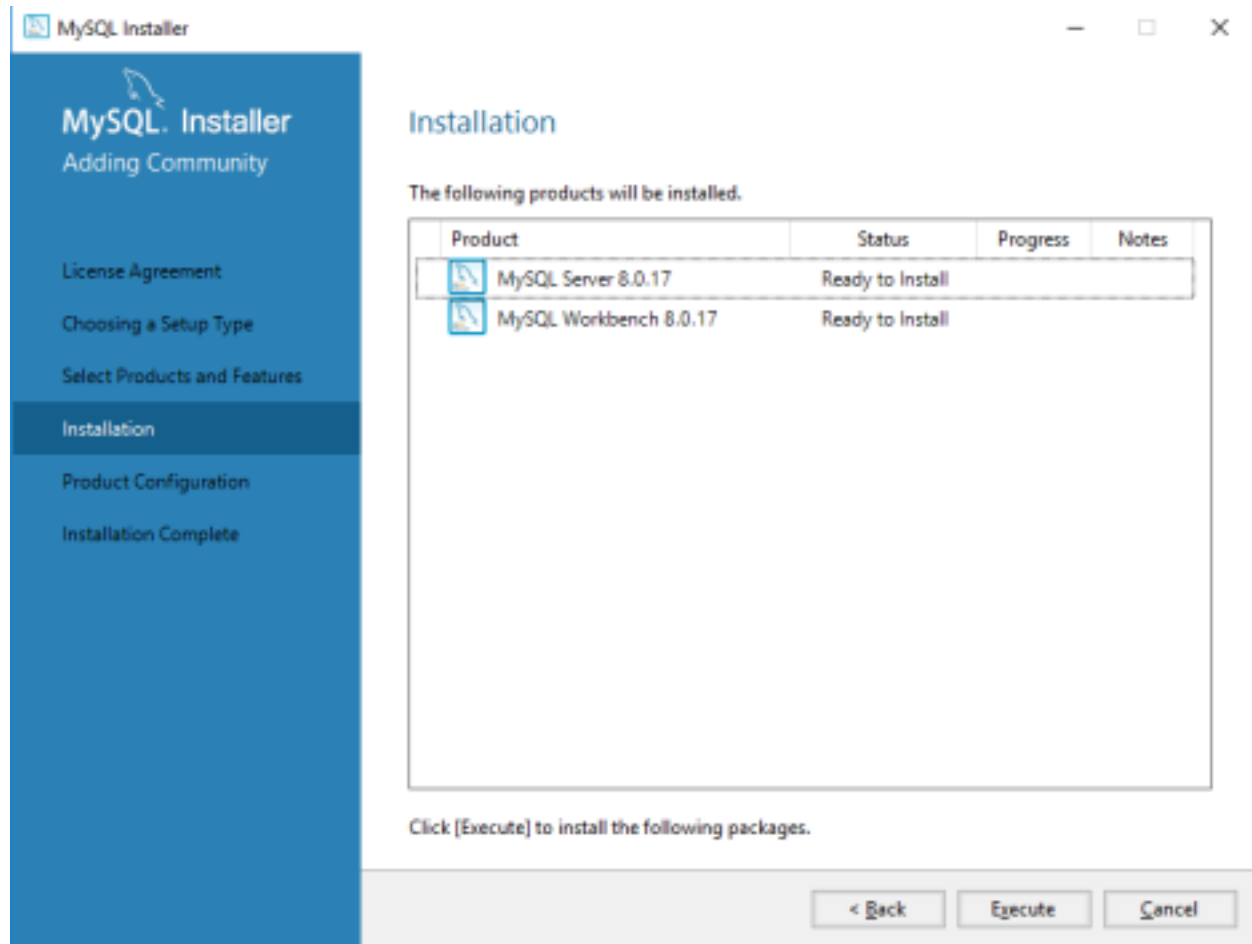


Click the **Right** arrow to install the software.

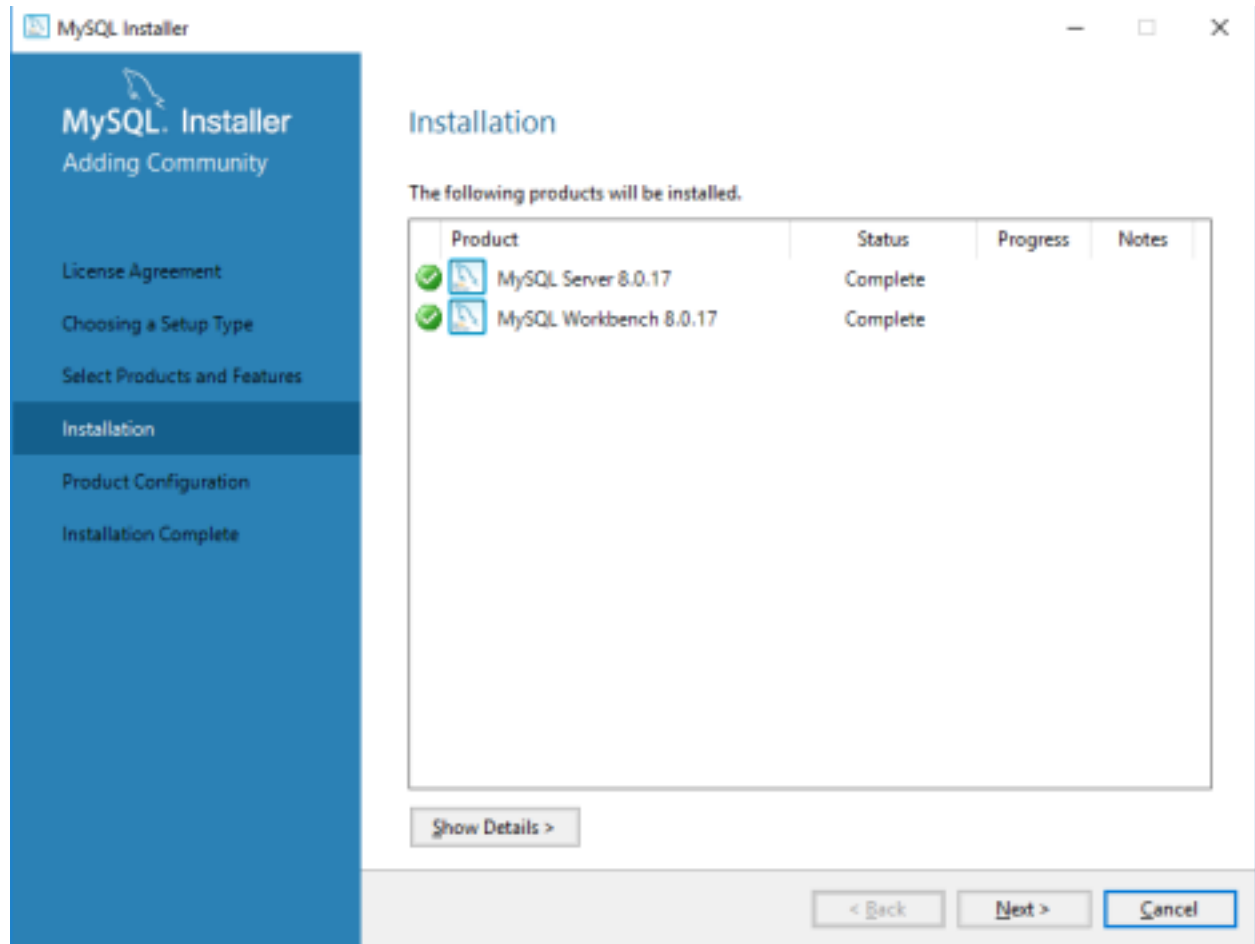
Click **Next**.



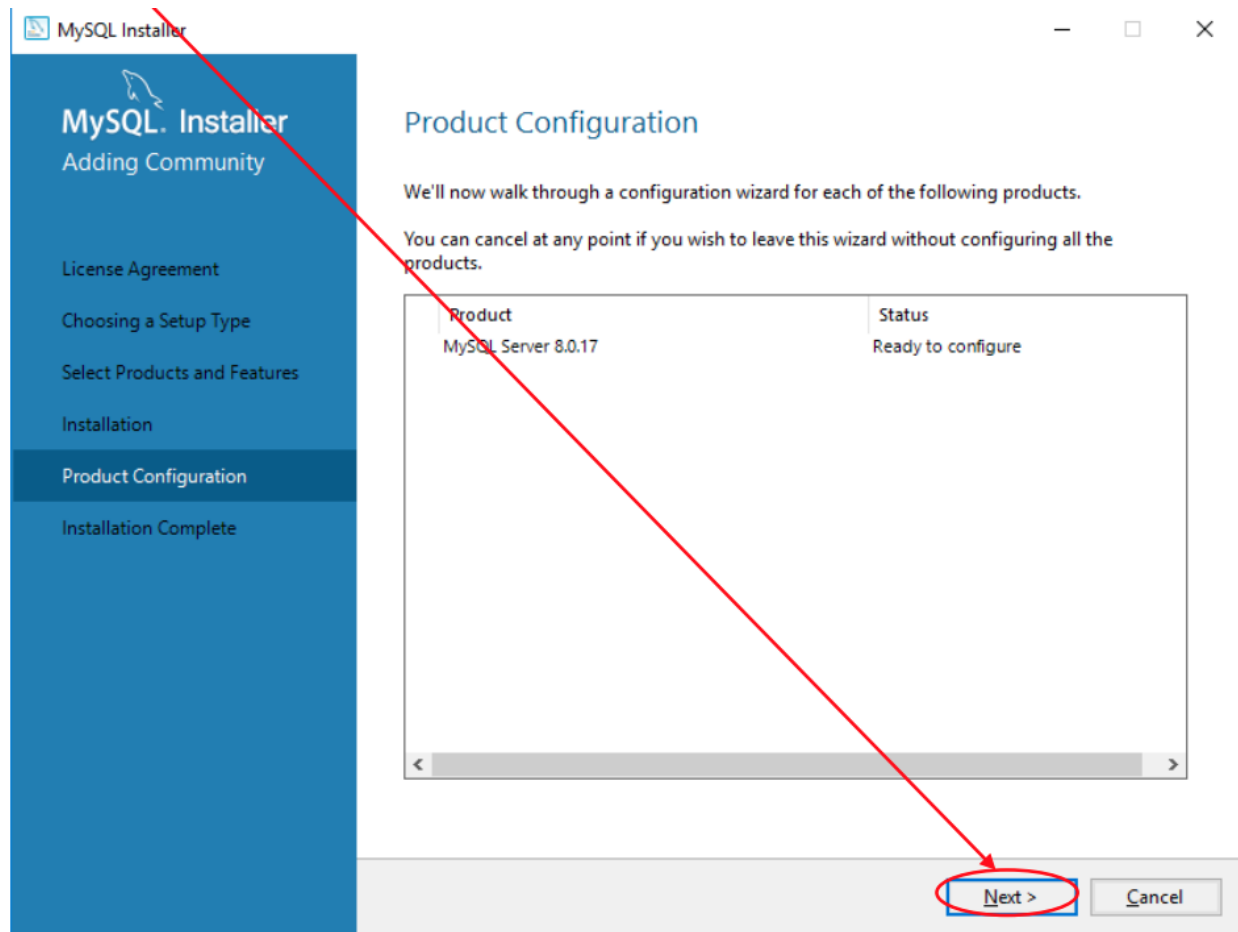
Click **Execute**.



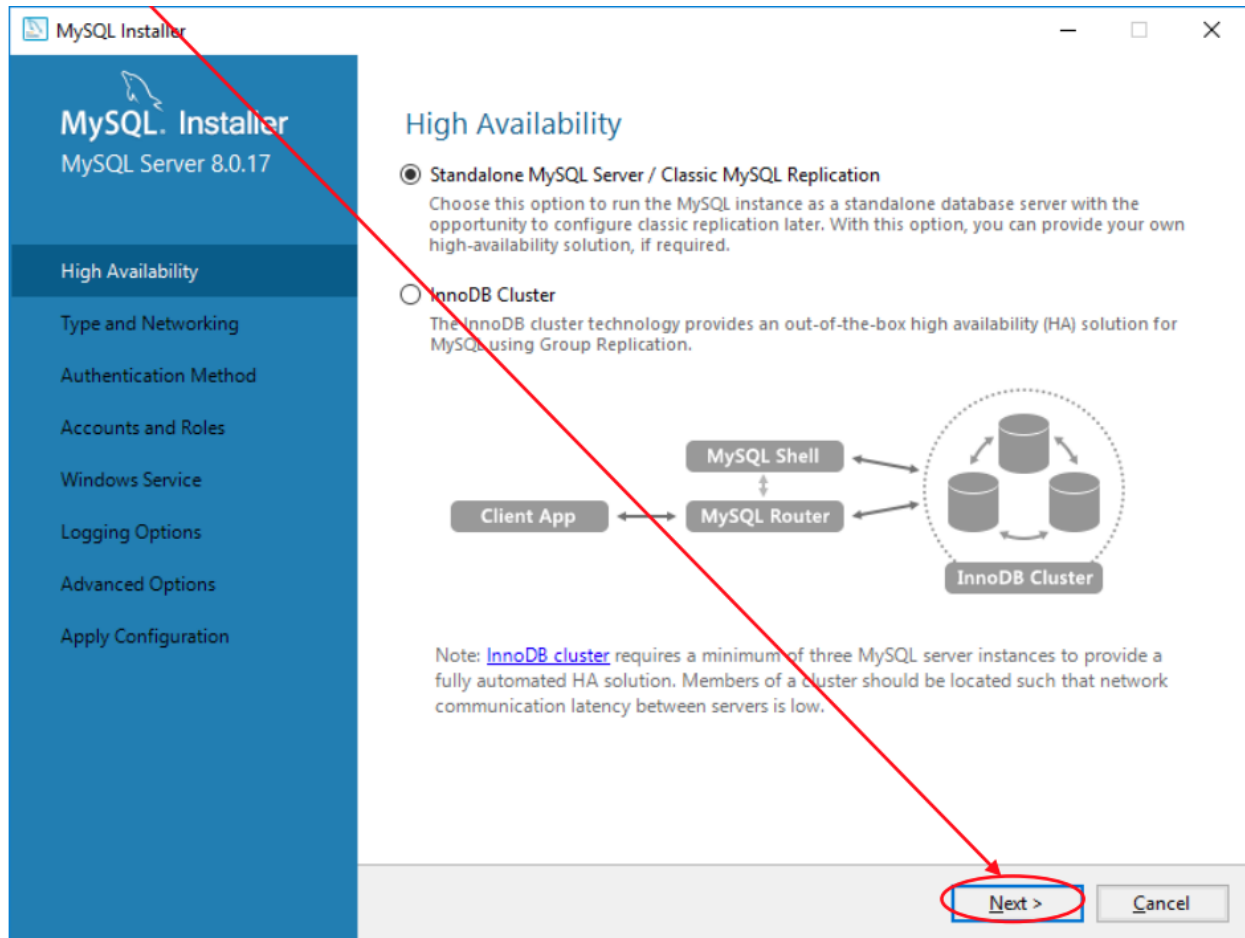
Click **Next**.



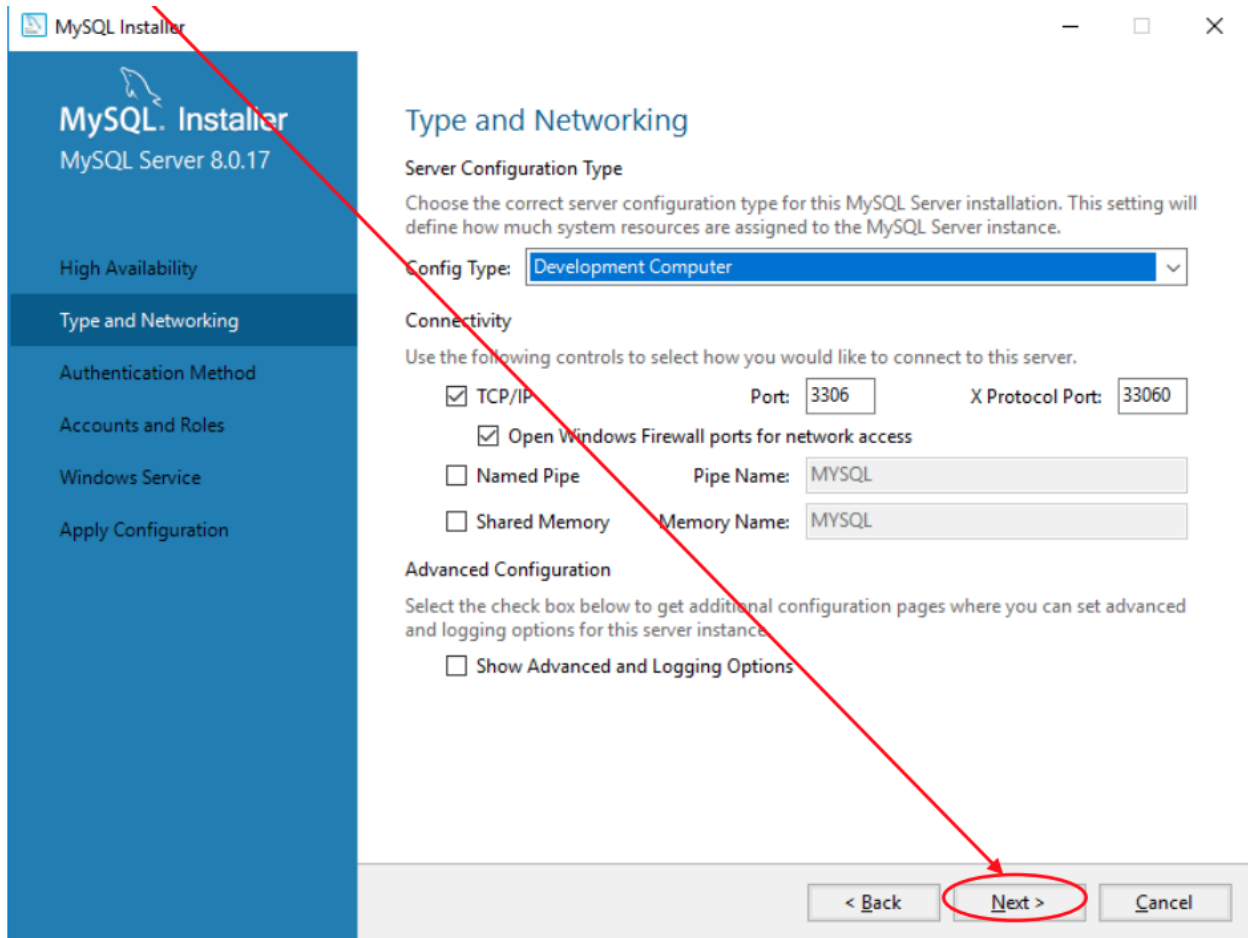
Click **Next**.



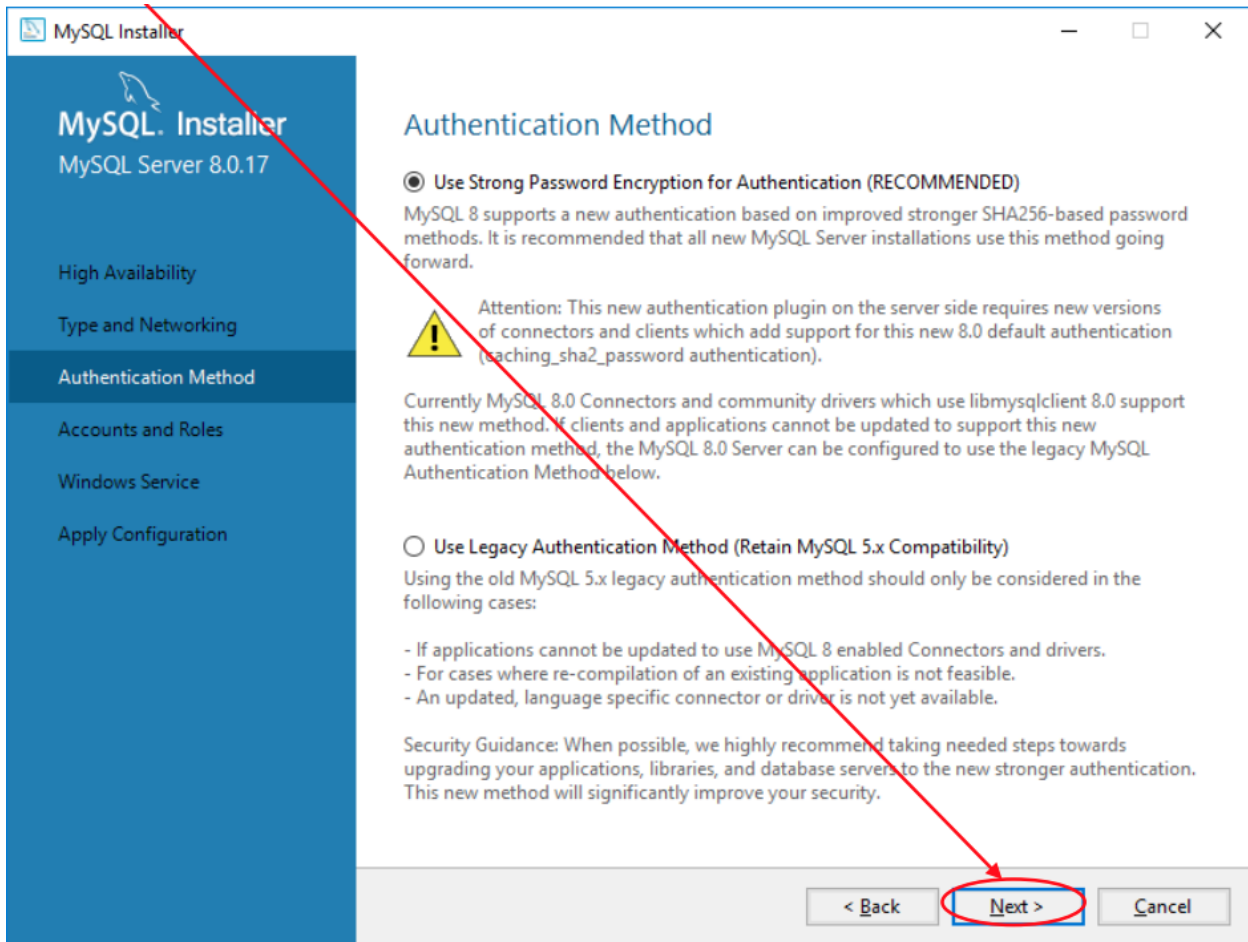
Click **Next**.

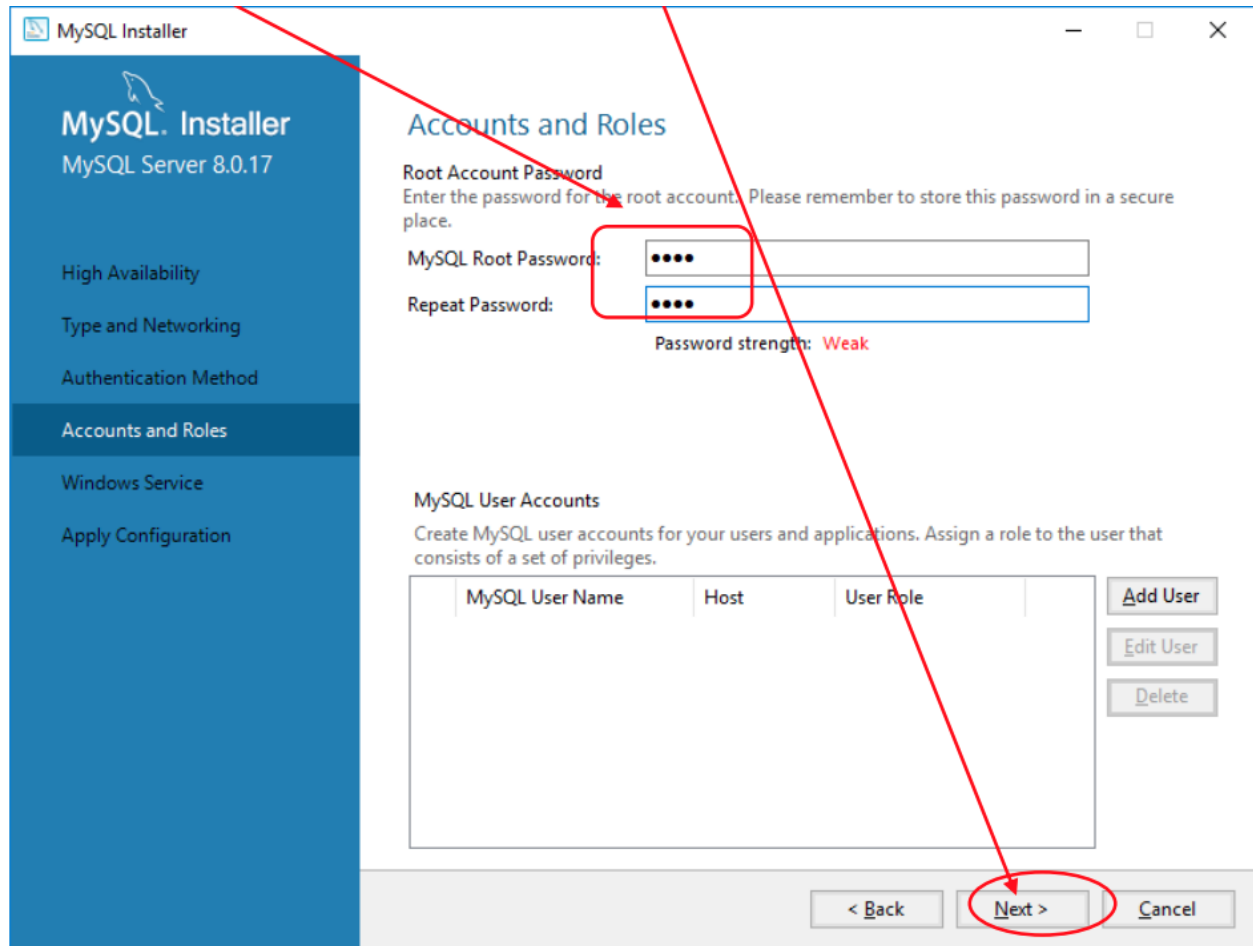


Click **Next**.



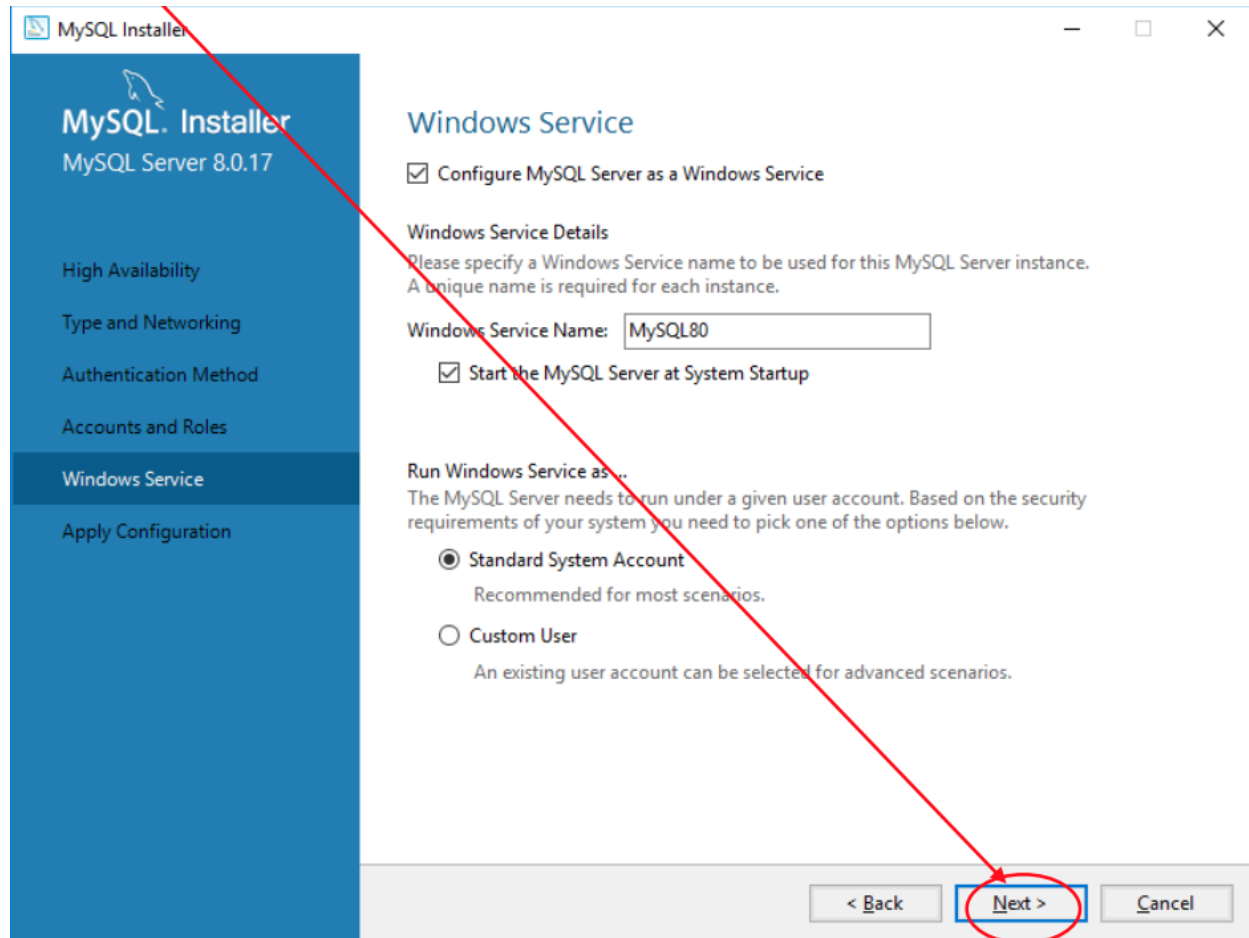
Click **Next**.



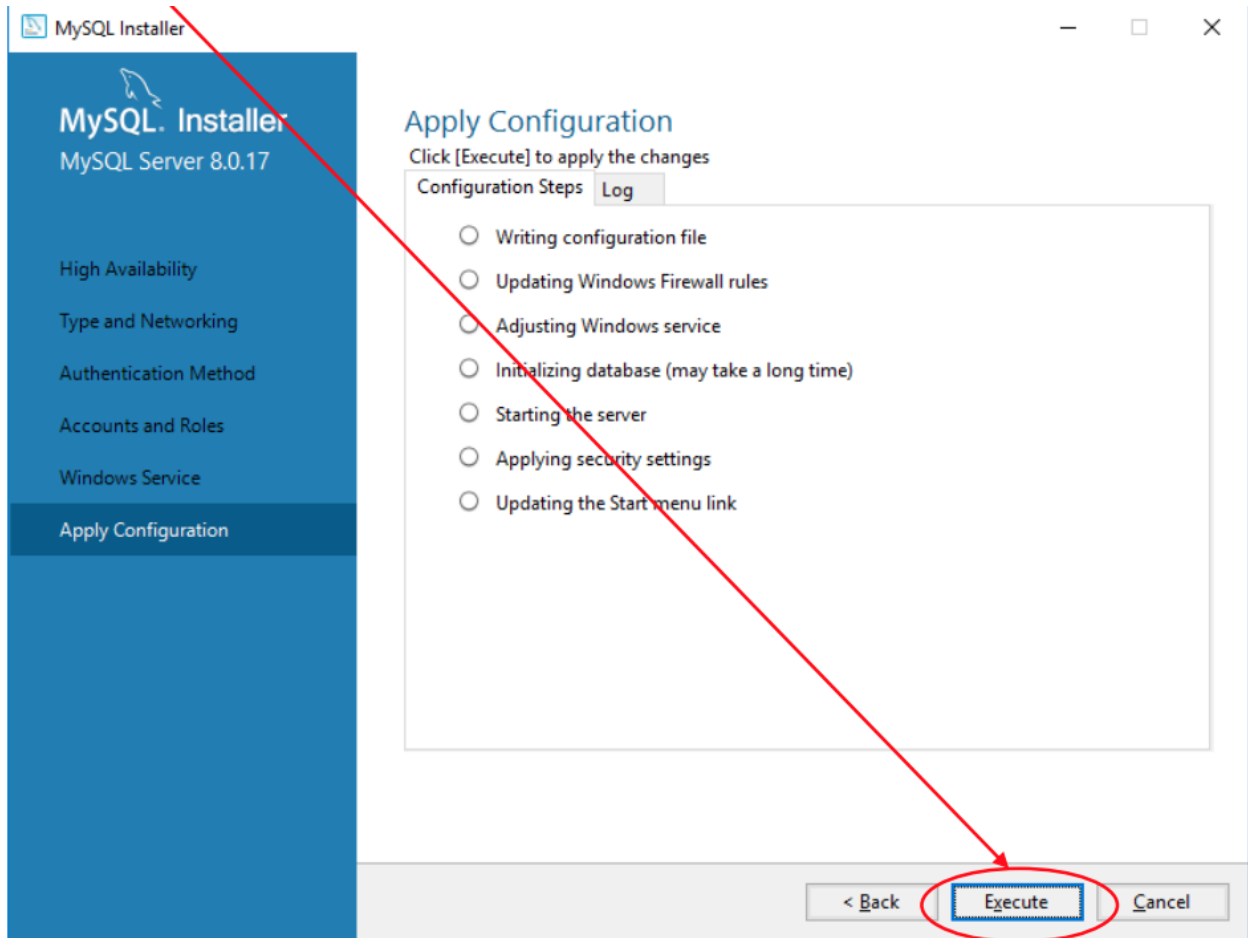


Enter **root** as password (If you use a different password than **root**, do not forget it, otherwise, you will not be able to login into MySQL server!!!). Click **Next**.

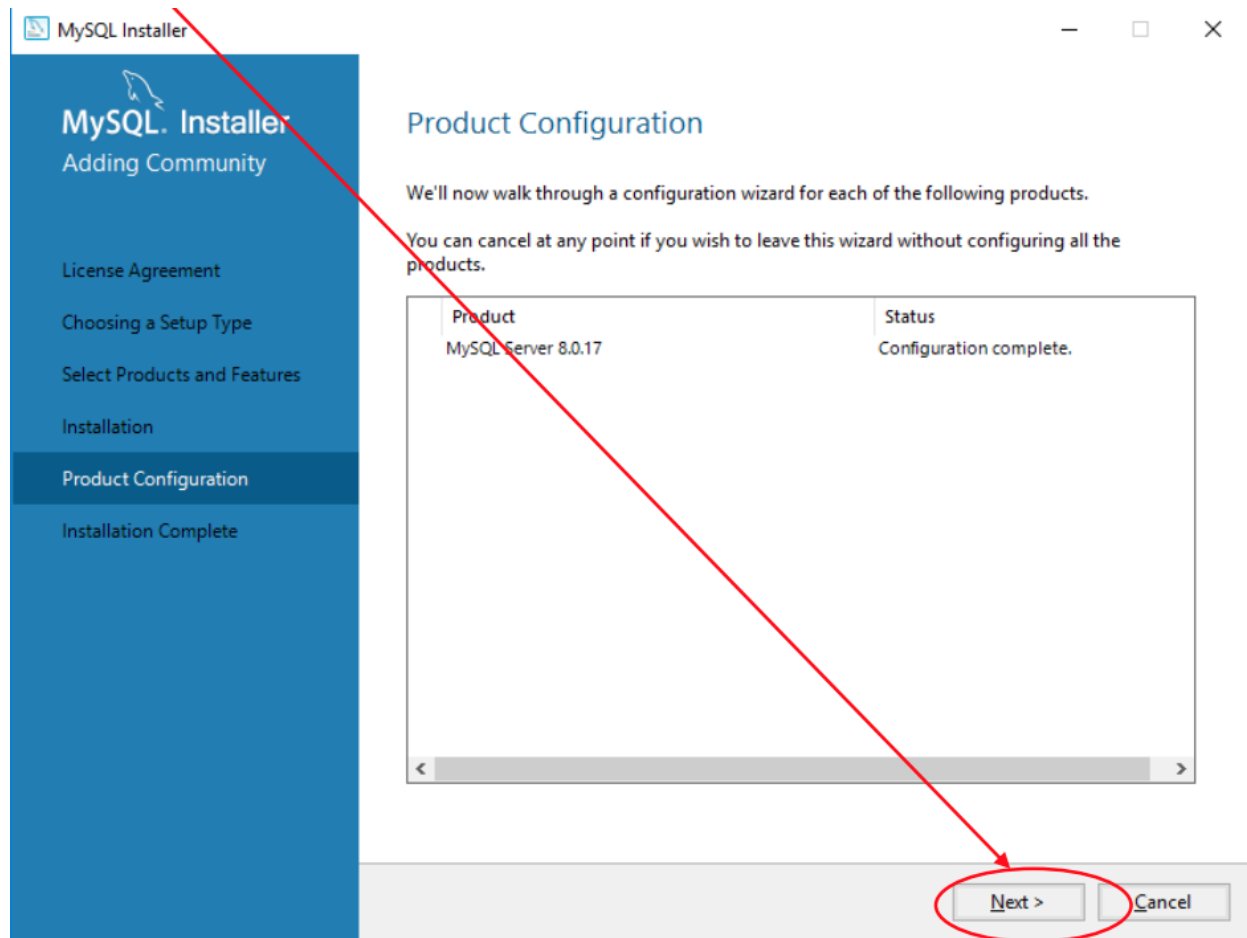
Click **Next**.



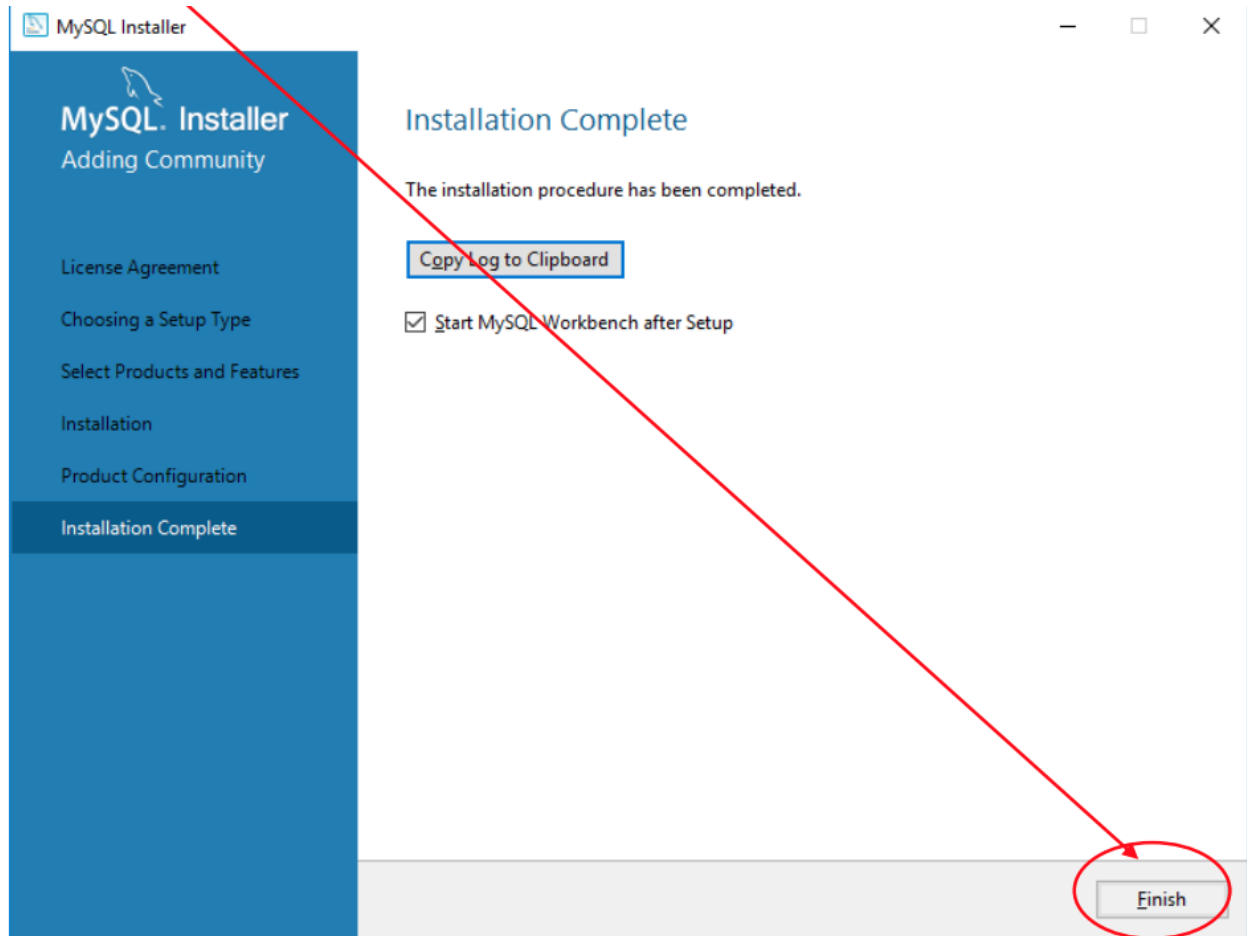
Click **Execute**.



Click **Next**.

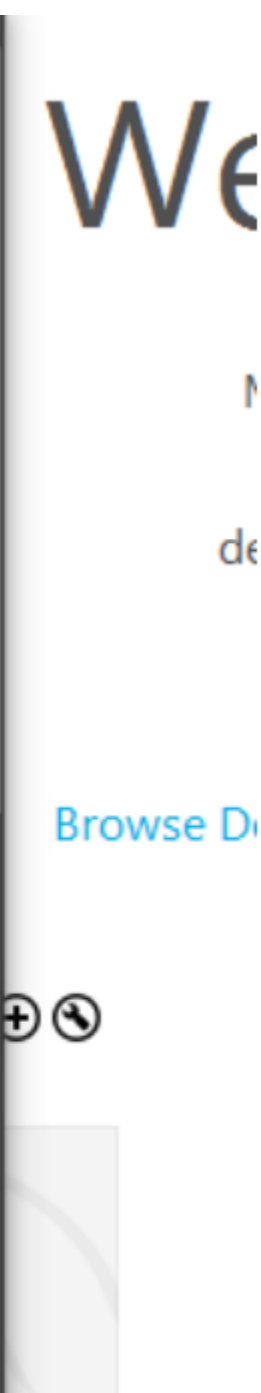
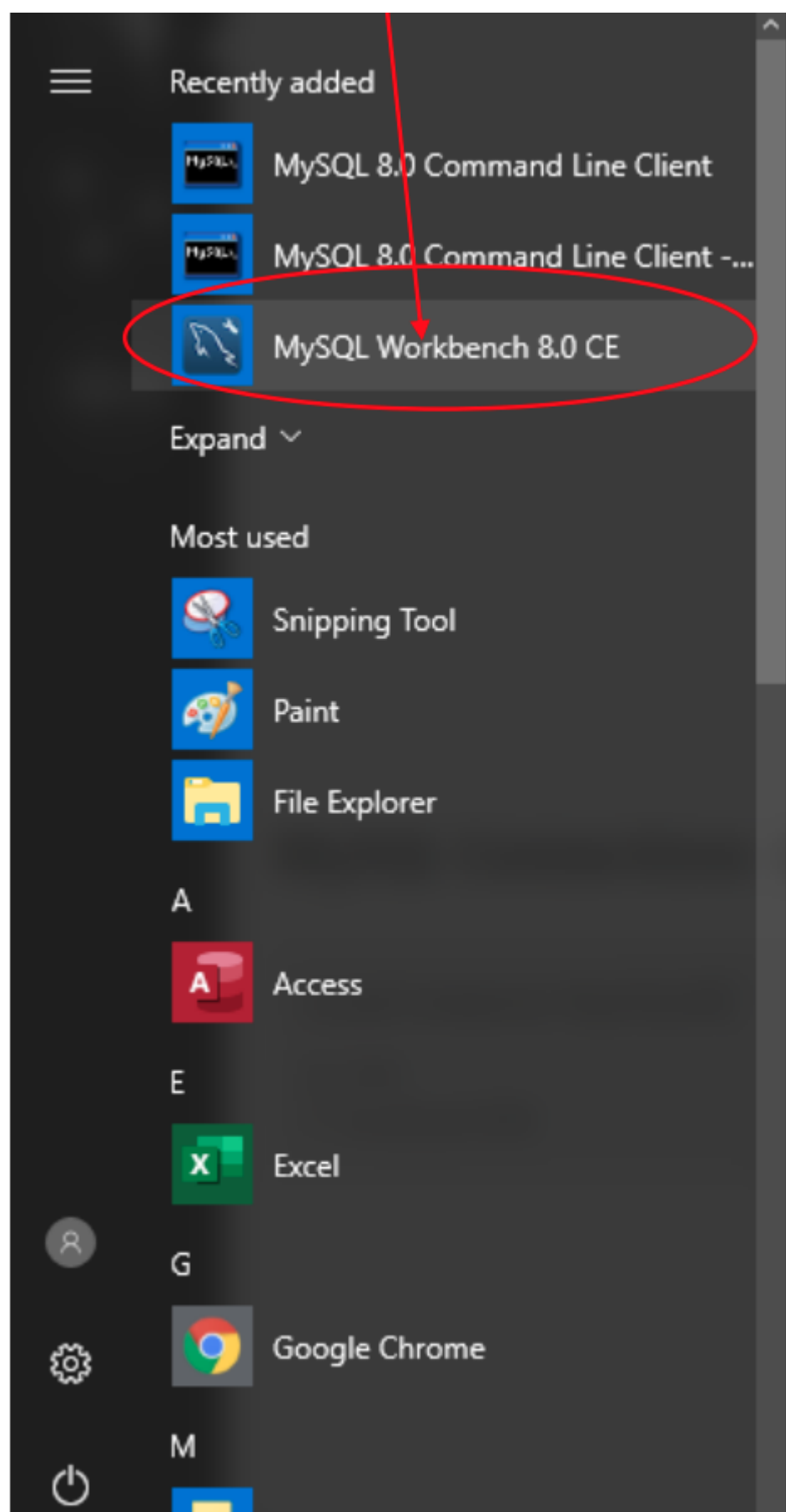


Click **Finish**.

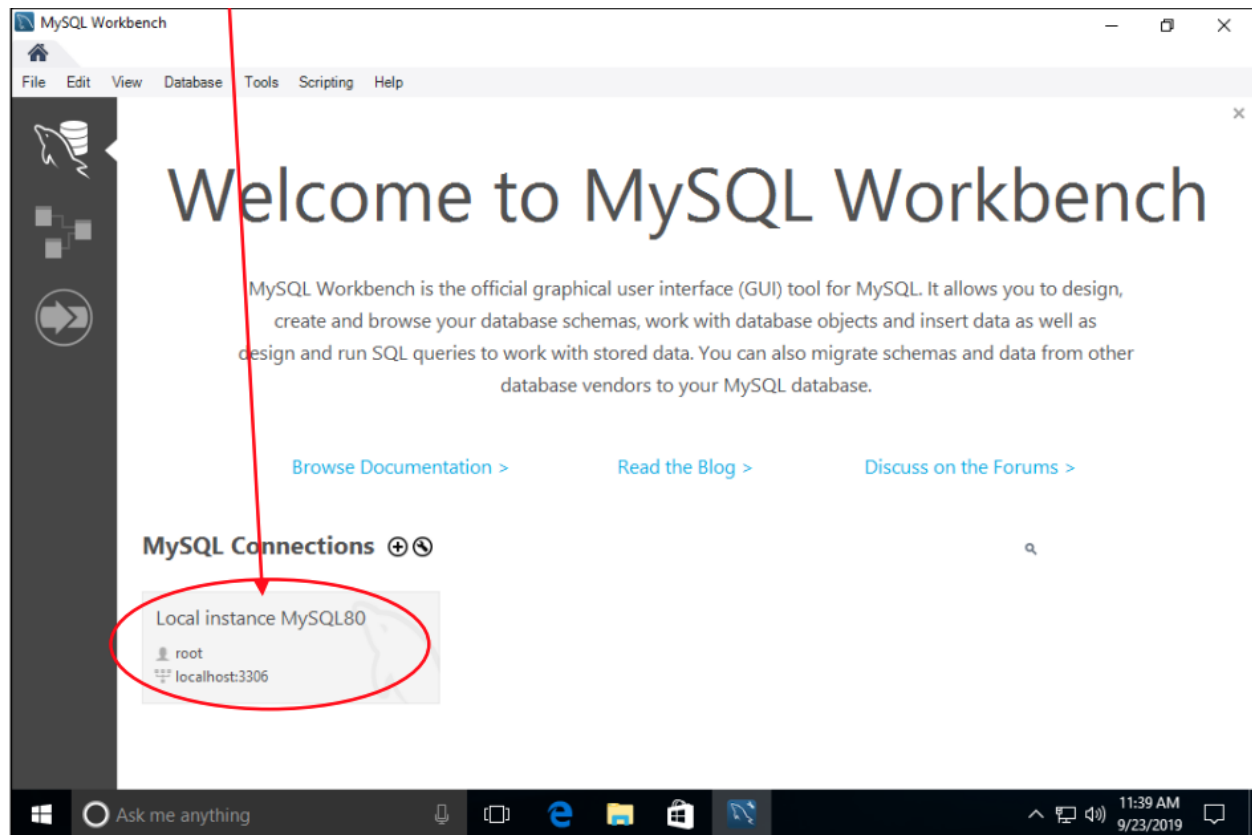


The **MySQL Server** and **WorkBench** are installed.

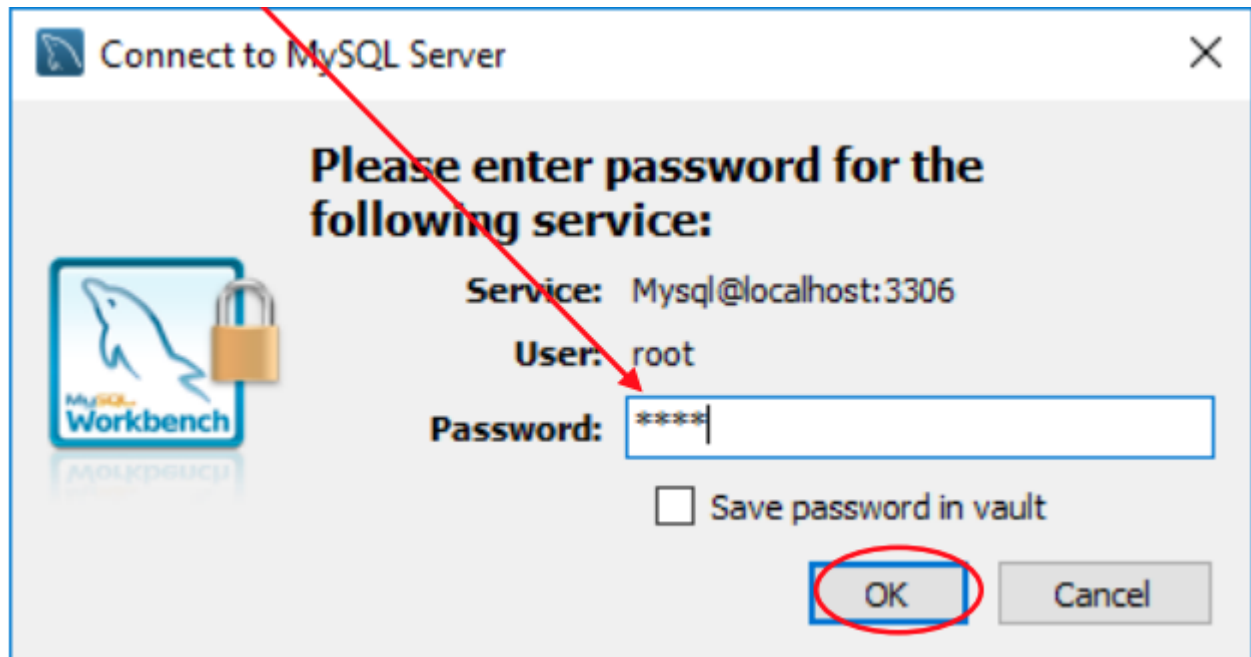
Click **Start** button and open **MySQL Workbench**.



Click to open your MySQL connection.

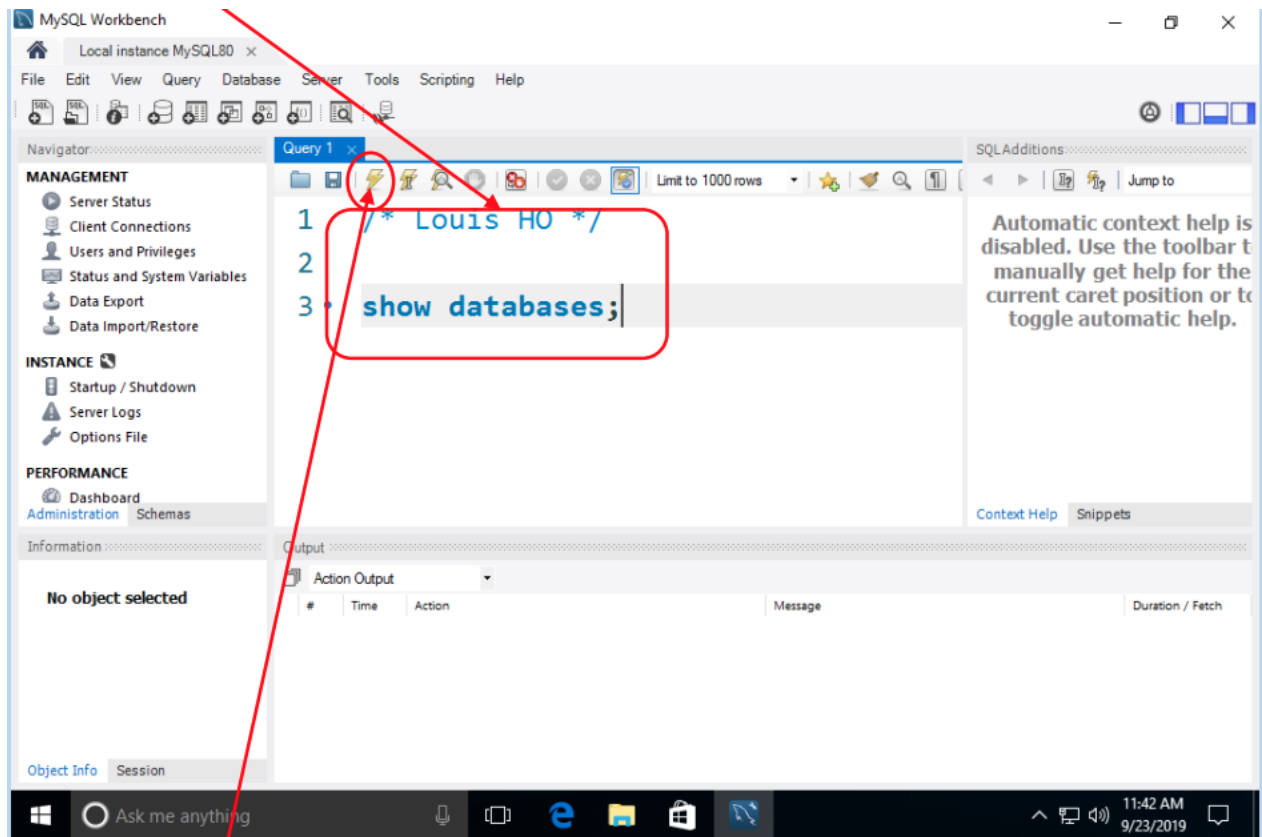


Enter **root** as password.



Delete what is shown in the query windows and type in your name and the command “**show database;**” in the query window.

Show databases;



Click on the **Execute** button.

The result of the SQL command is shown, which displays the databases in the MySQL server.

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Administration
- Schemas

Information

No object selected

Query 1

```
1 /* Louis HO */
2
3 • show databases;
```

Result Grid

Filter Rows:

Export

Wrap Cell Content

Result Grid

Form Editor

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result 1

Read Only

Context Help

Snippets

Output

Action Output

| # | Time | Action | Message | Duration / Fetch |
|---|----------|----------------|-------------------|-----------------------|
| 1 | 11:43:09 | show databases | 4 row(s) returned | 0.000 sec / 0.000 sec |

Object Info

Session

Windows taskbar: Ask me anything, 11:43 AM 9/23/2019

