

# Bài 1

# Cài đặt MySQL trên Windows

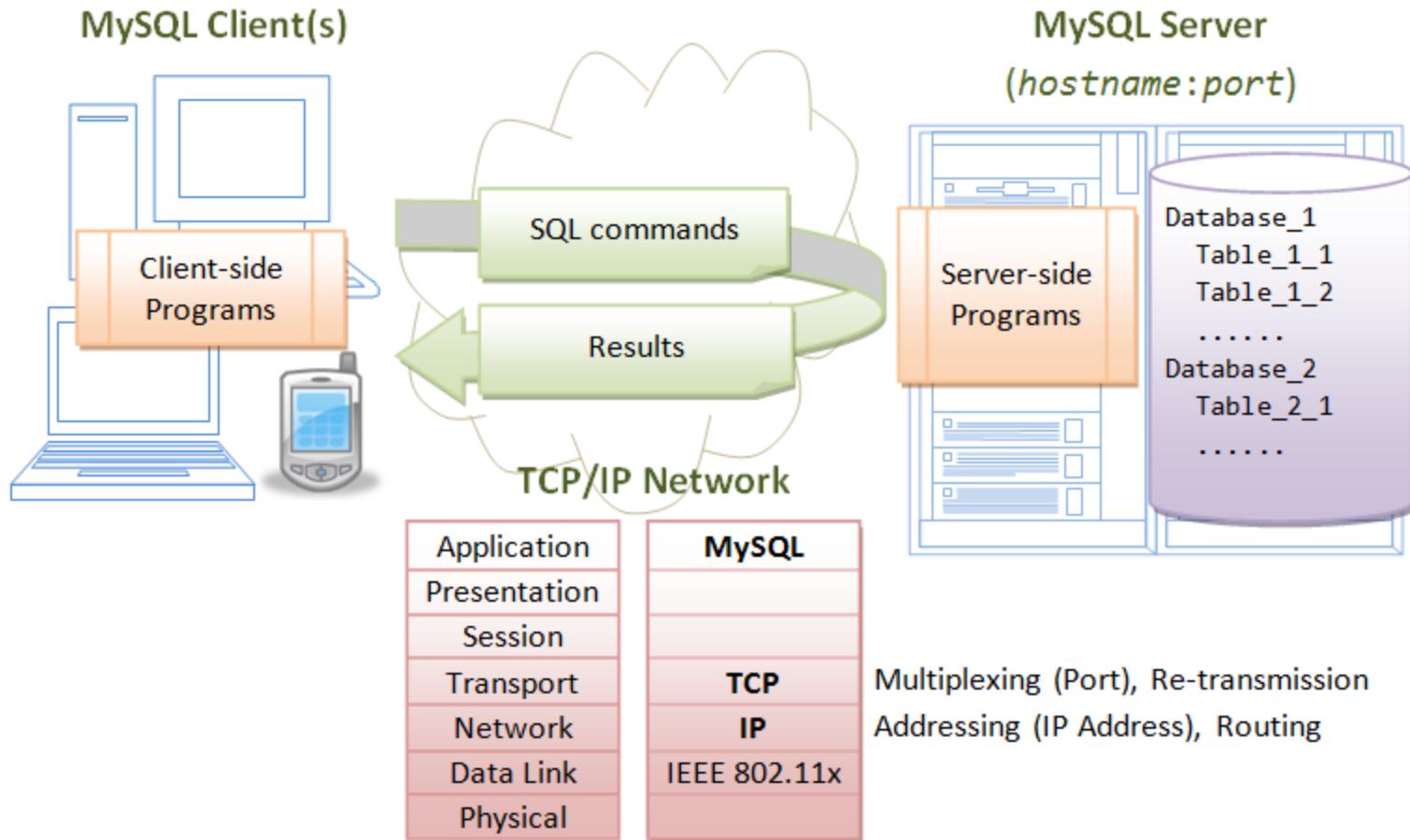
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(Cập nhật tháng 9/2024)

# Giới thiệu

- MySQL là Hệ Quản trị Cơ sở dữ liệu (DBMS – Database Management System).
- Mã nguồn mở
- Phiên bản
- Hỗ trợ Windows, Ubuntu, Centos, ...
- Gồm các thành phần
  - Server
  - Client



# Lưu ý trước khi cài

- MySQL for Visual Studio yêu cầu phải có Visual Studio 2015, hoặc 2017, hoặc 2019 phải được cài đặt trước.
- Nếu chưa có thì tải về từ <https://www.microsoft.com/en-gb/download/details.aspx?id=40784>  
(địa chỉ trên có thể bị thay đổi)

# Máy của bạn sử dụng Windows 32-bits hay 64-bits?

- Control Panel > Systems and Security > System  
(Hoặc Control Panel > System > About)

System	
Rating:	4.1 Windows Experience Index
Processor:	Intel(R) Core(TM)2 Duo CPU P8700 @ 2.53GHz 2.53 GHz
Installed memory (RAM):	2.00 GB
System type:	32-bit Operating System
Pen and Touch:	No Pen or Touch Input is available for this Display
Computer name, domain, and workgroup settings	

Windows 7

## Device specifications

Device name	WINDOWS-1VU3FBD
Processor	Intel(R) Core(TM) i7-6820HQ CPU @ 2.70GHz 2.70 GHz
Installed RAM	16.0 GB (15.9 GB usable)
Device ID	78E910A3-7C35-4C9A-B3F4-2147D023DD30
Product ID	00330-50287-93588-AAOEM
System type	64-bit operating system, x64-based processor
Pen and touch	Touch support with 10 touch points

Windows 10

# Các bước tiến hành

- Bước 1:
  - a. Tải MySQL Installer for Windows.
  - b. Cài đặt MySQL Installer và MySQL Server
- Bước 2: Tải và cài đặt thêm các phần mềm khác theo nhu cầu:
  - MySQL Workbench
  - MySQL Notifier
  - ...

# Bước 1: Tải và cài đặt MySQL Installer for Windows

- <https://dev.mysql.com/downloads/>
- 1.a. Chọn và tải bản MySQL Installer phù hợp

# MySQL Community Downloads

◀ MySQL Installer

General Availability (GA) Releases

Archives



## MySQL Installer 8.0.39



**Note:** MySQL 8.0 is the final series with MySQL Installer. As of MySQL 8.1, use a MySQL product's MSI or Zip archive for installation. MySQL Server 8.1 and higher also bundle MySQL Configurator, a tool that helps configure MySQL Server.

Select Version:

8.0.39

Select Operating System:

Microsoft Windows



**Windows (x86, 32-bit), MSI Installer**

(mysql-installer-web-community-8.0.39.0.msi)

8.0.39

2.1M

**Download**

MD5: d8499da0b2c4b5dfa81a5c5185af9238 | Signature

**Windows (x86, 32-bit), MSI Installer**

(mysql-installer-community-8.0.39.0.msi)

8.0.39

303.6M

**Download**

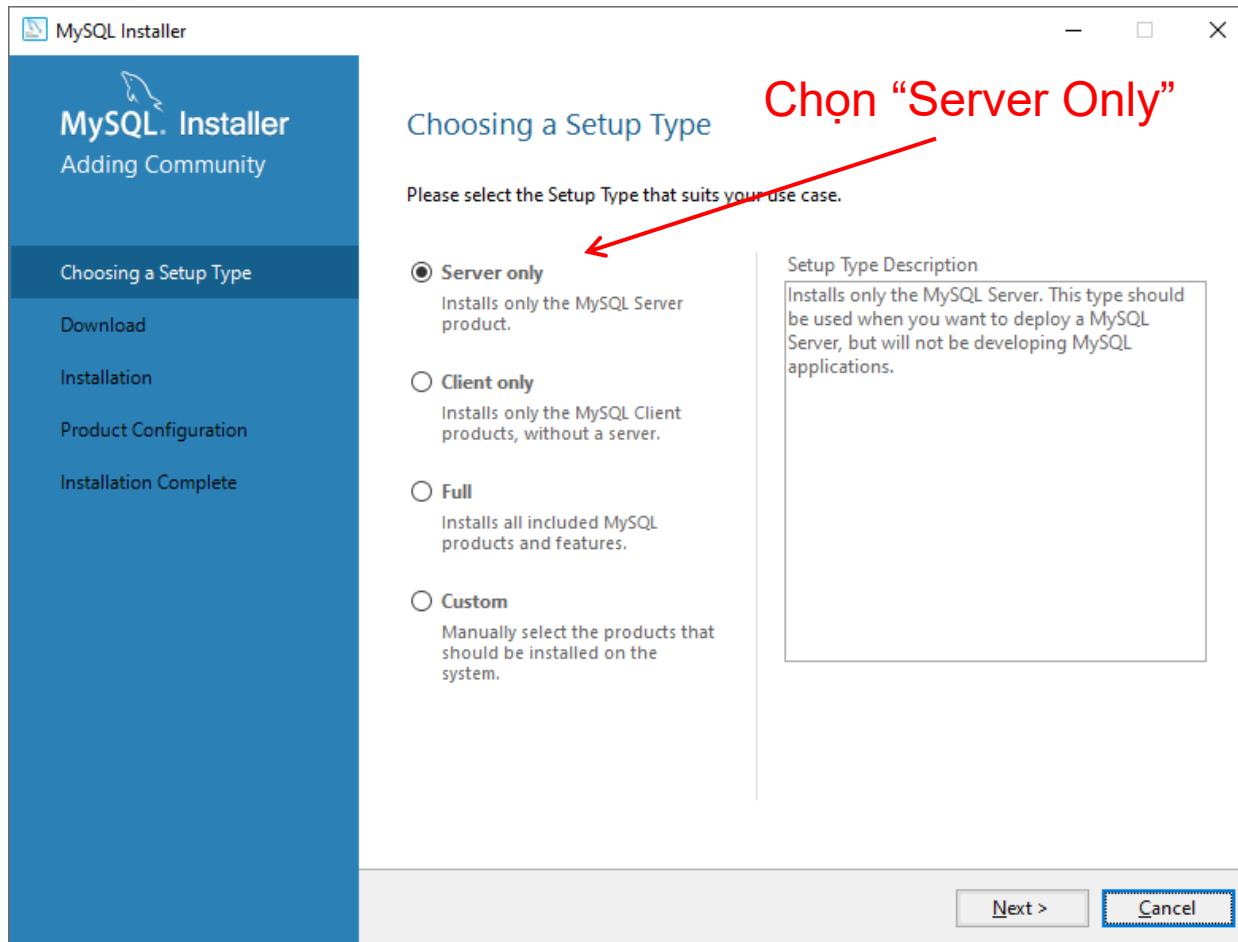
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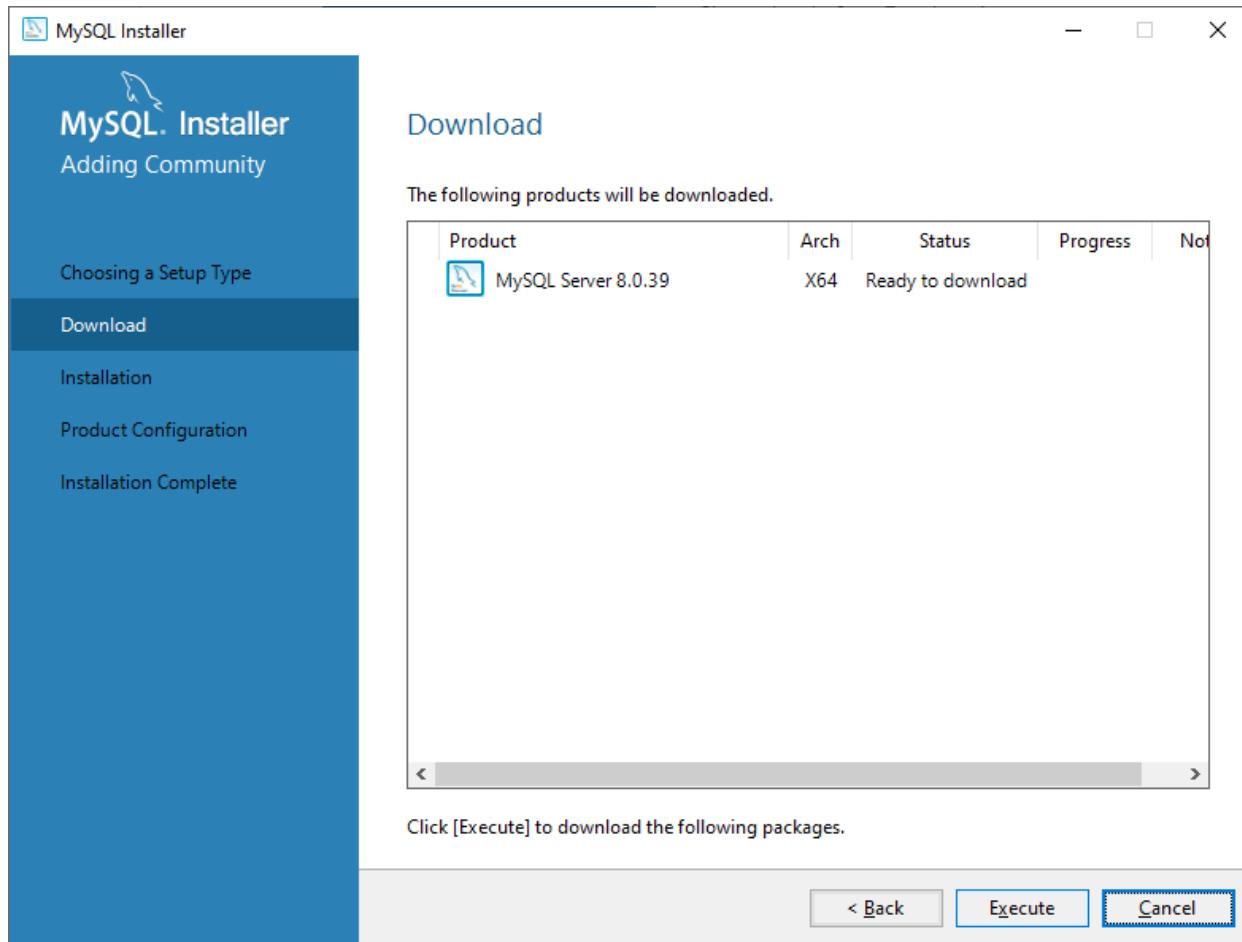


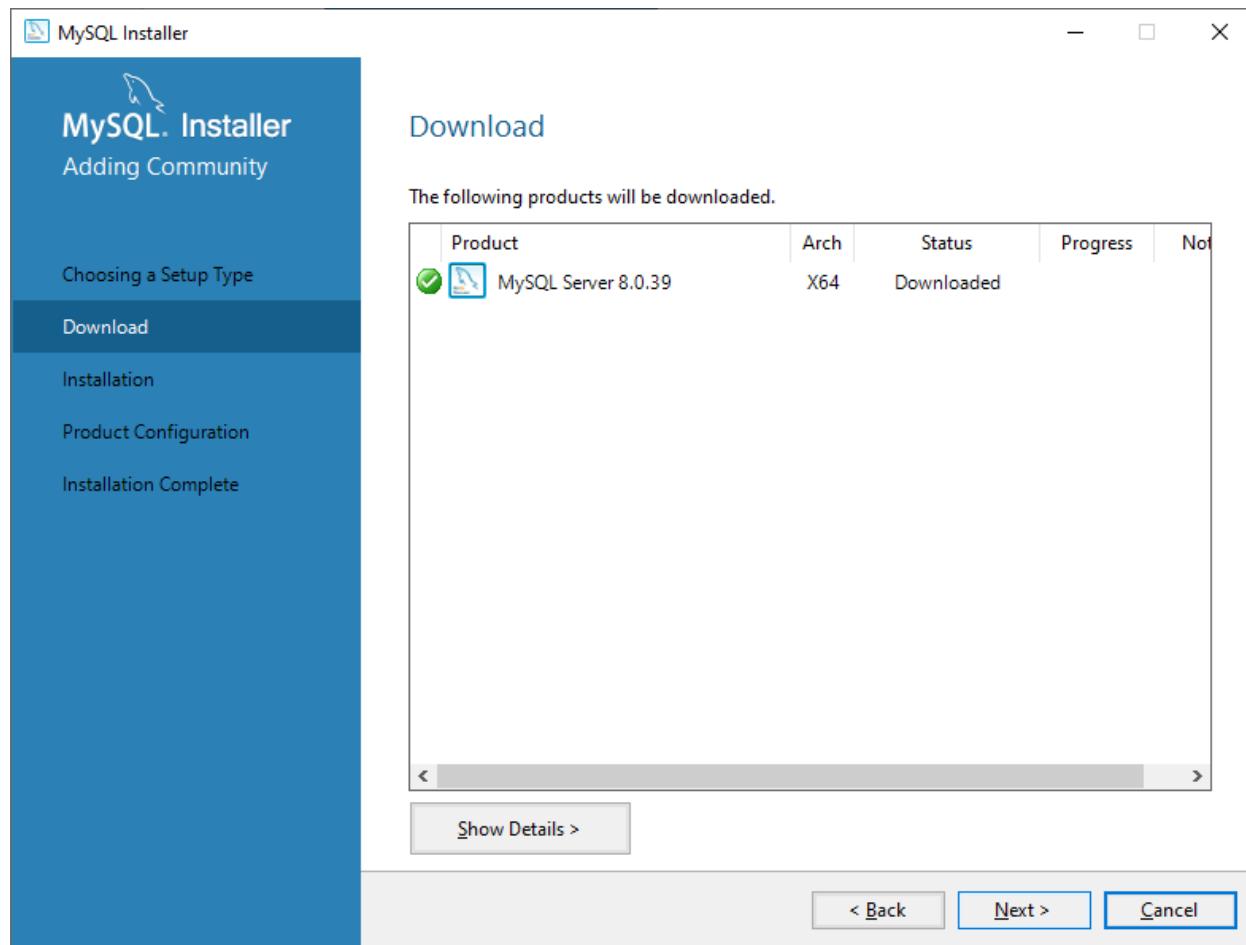
We suggest that you use the [MD5 checksums](#) and [GnuPG signatures](#) to verify the integrity of the packages you download.

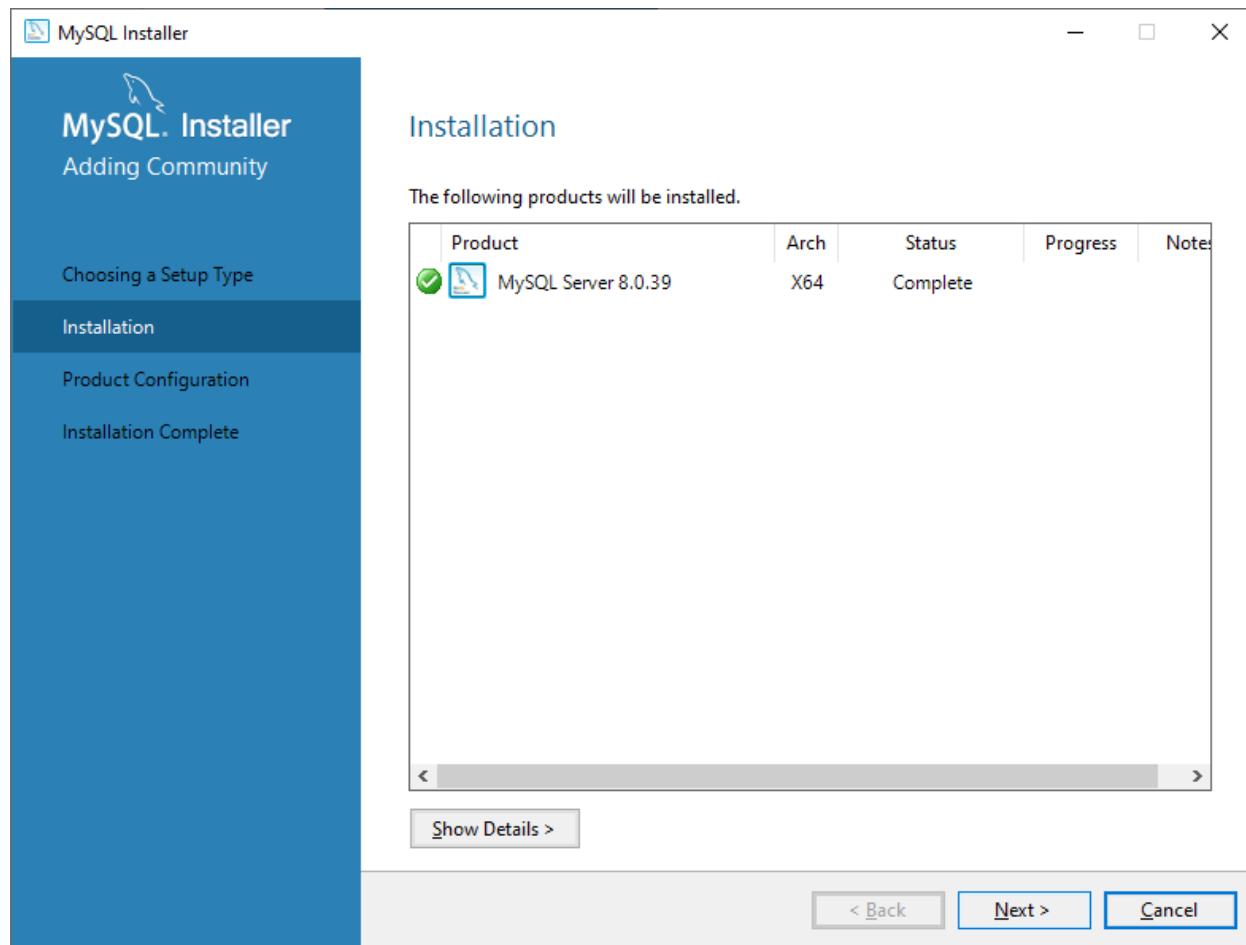
# Bước 1: Tải và cài đặt MySQL Installer for Windows

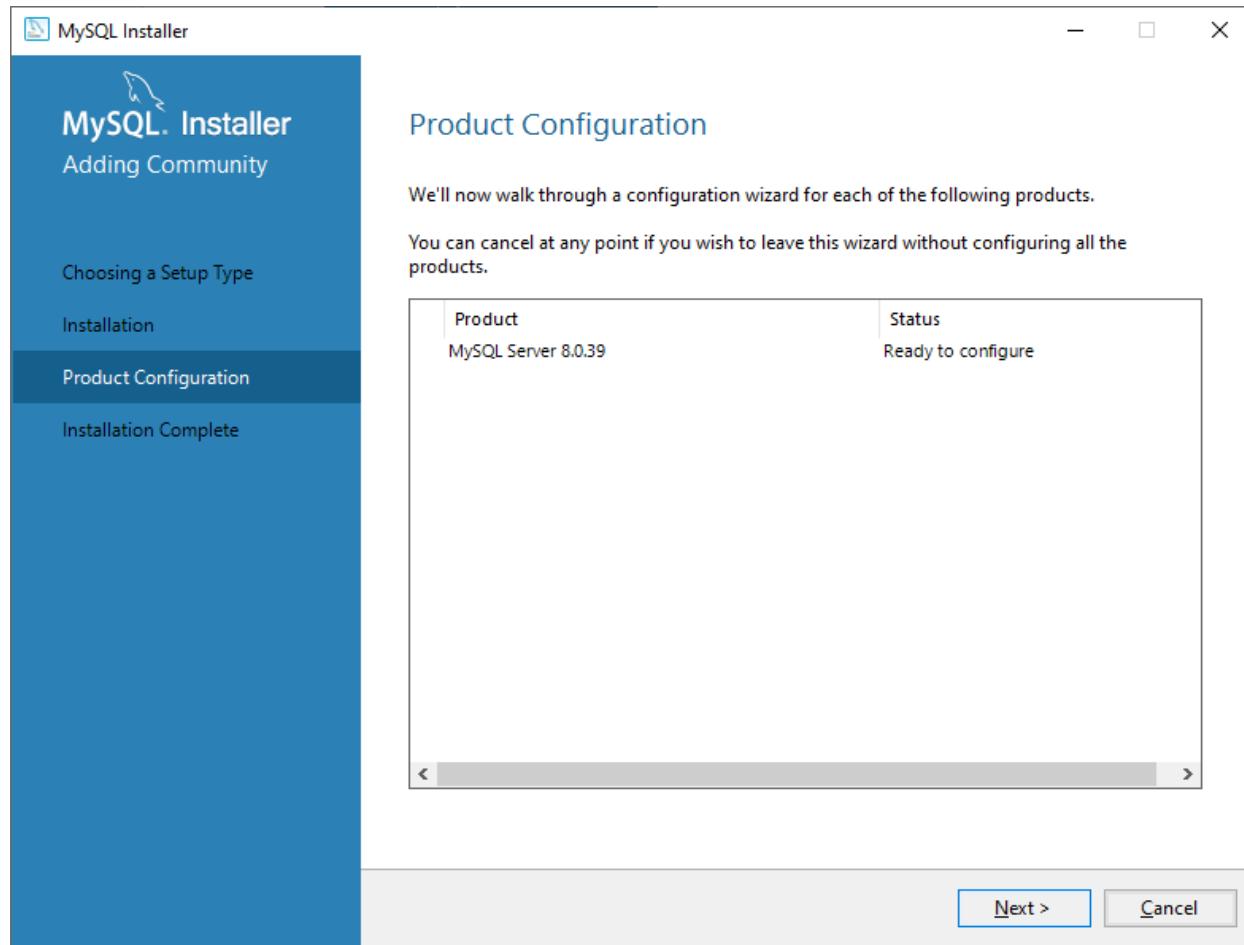
- 1.b. Cài đặt MySQL Installer
  - Chạy file tải về, VD mysql-installer-web-community-8.0.39.0.msi

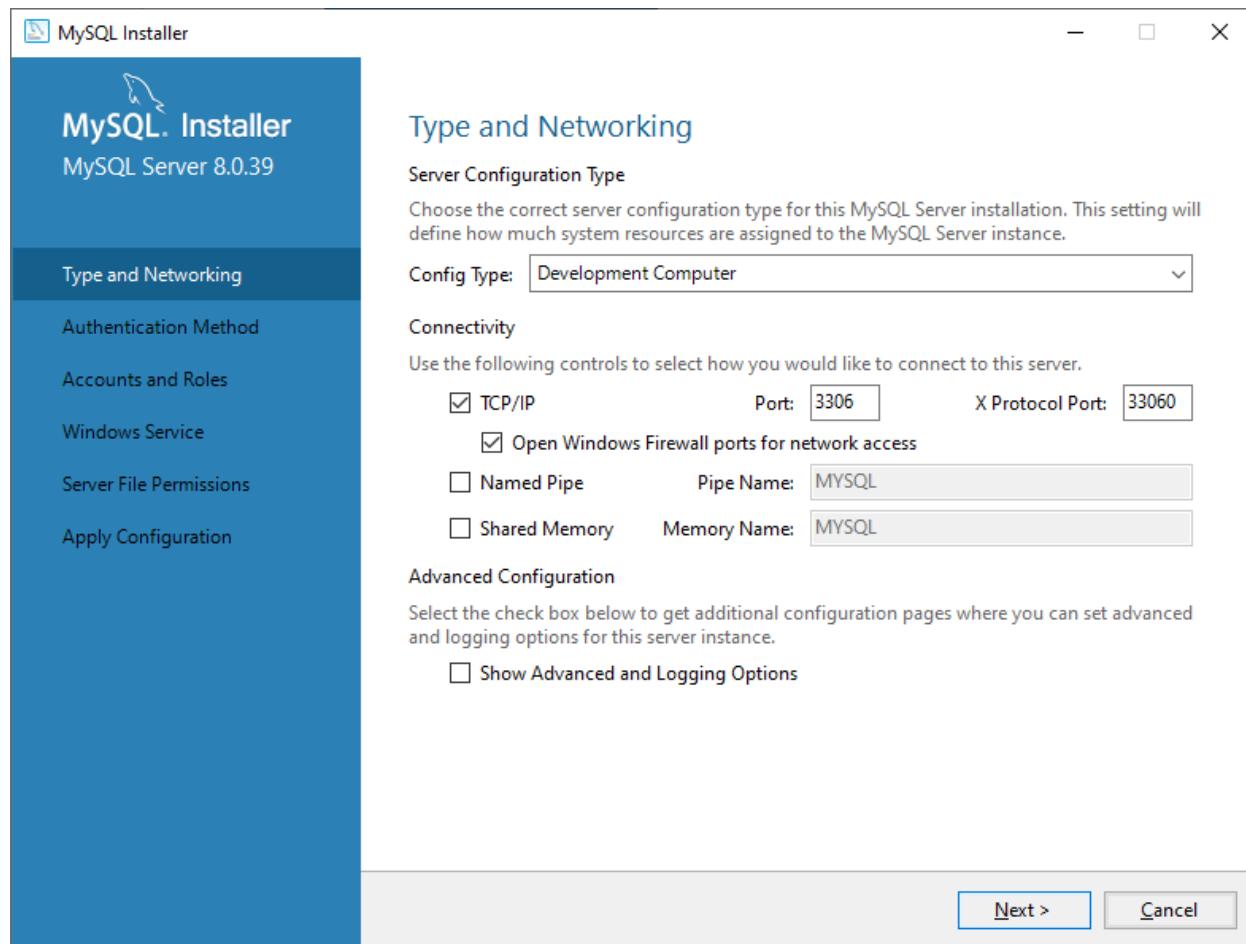


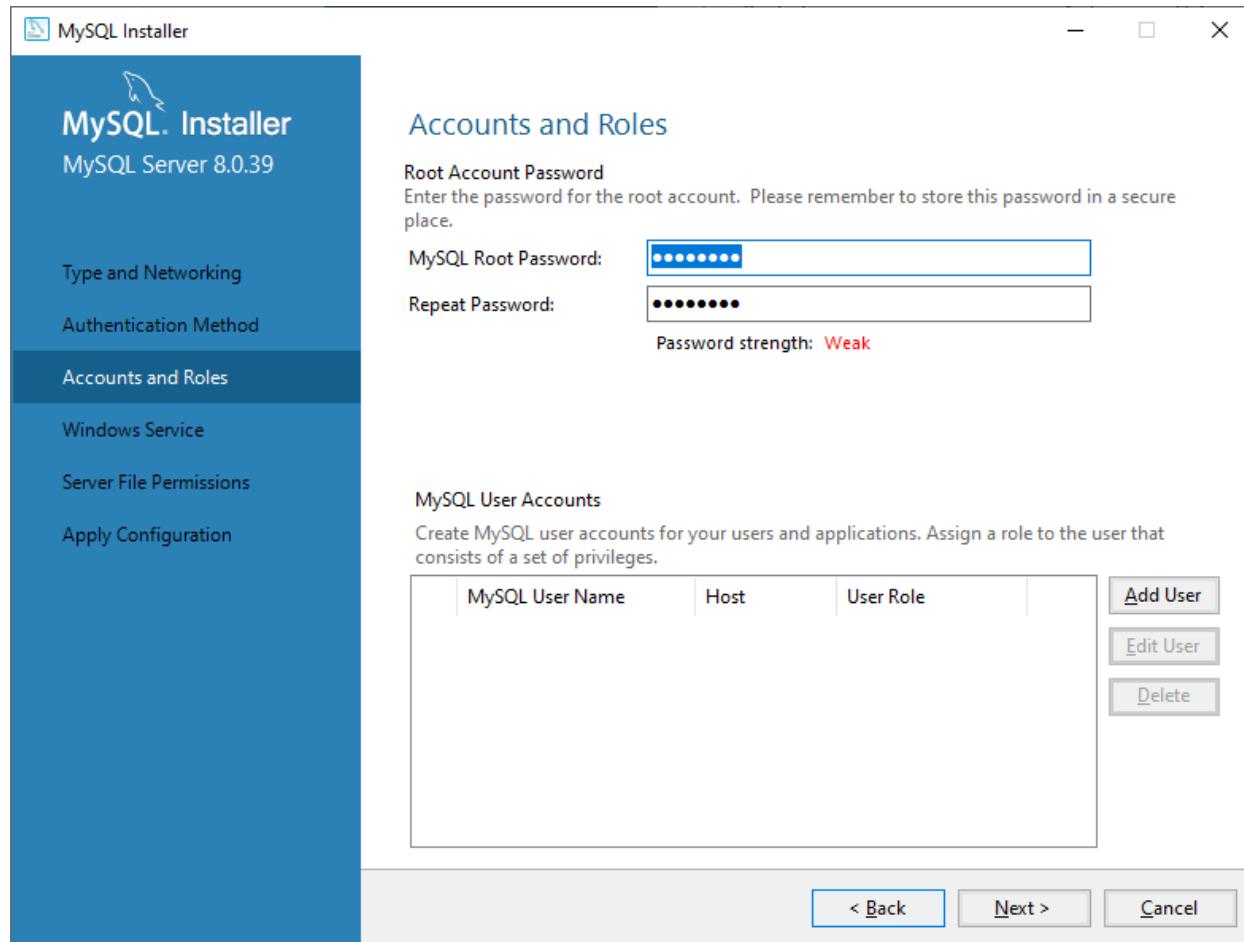


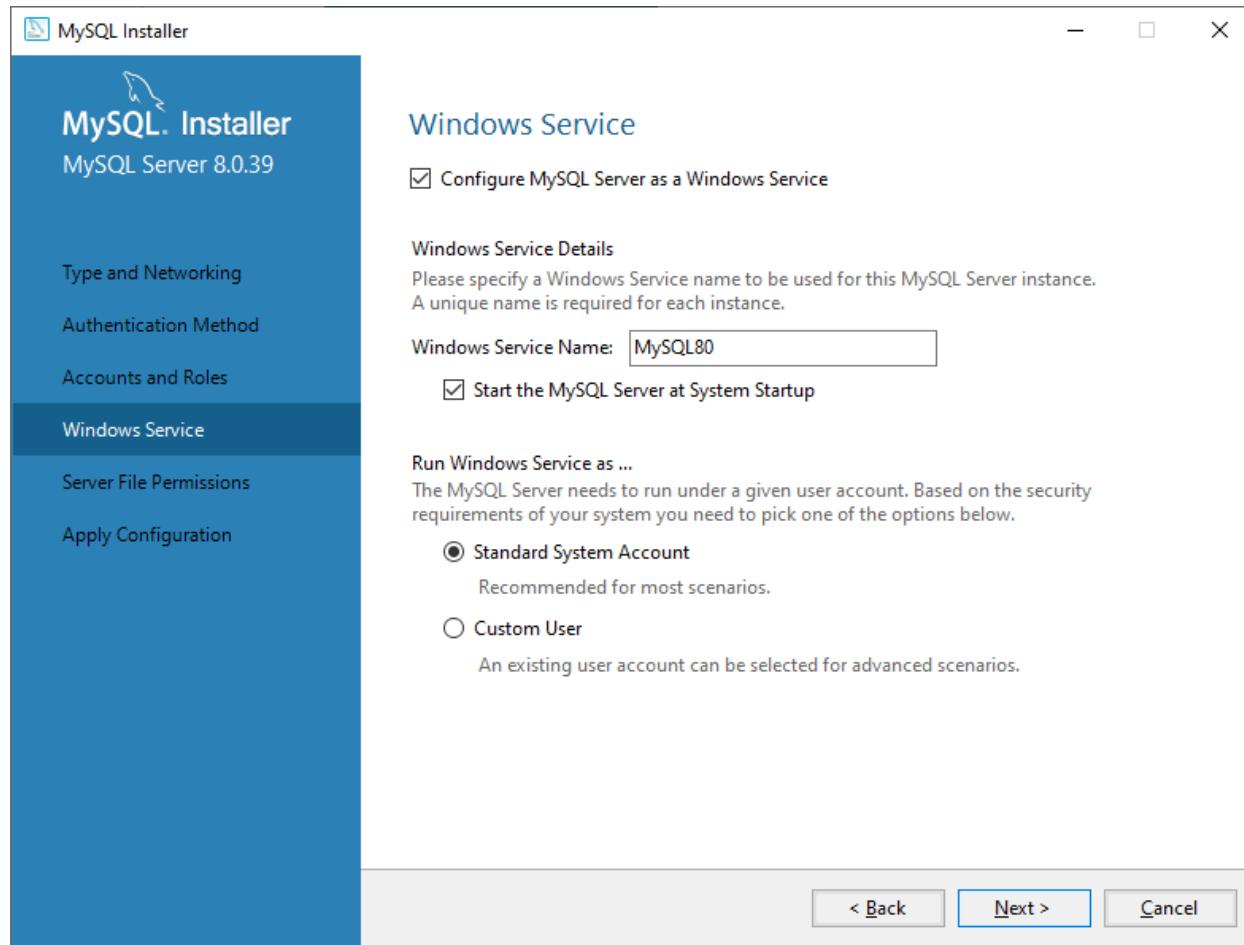


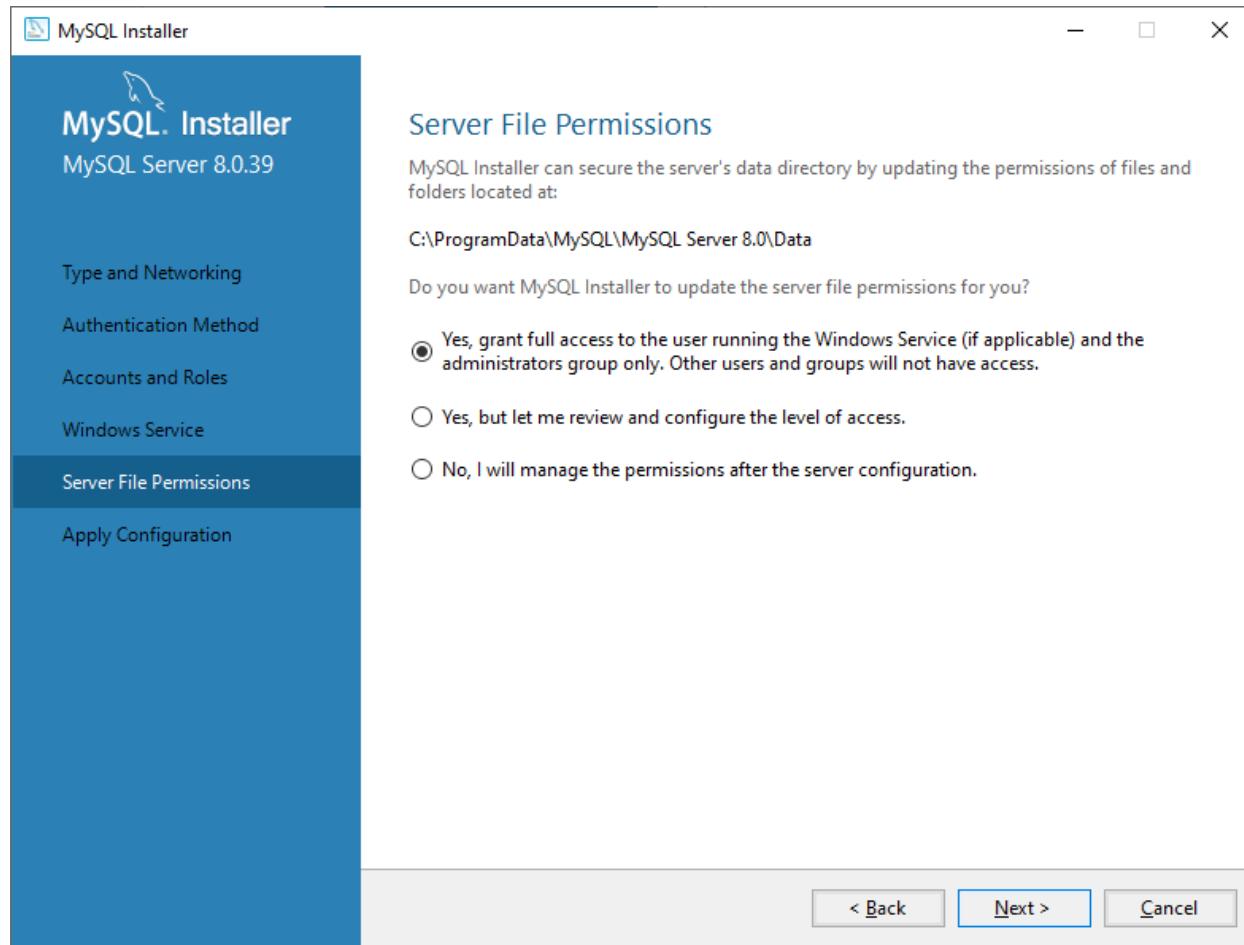


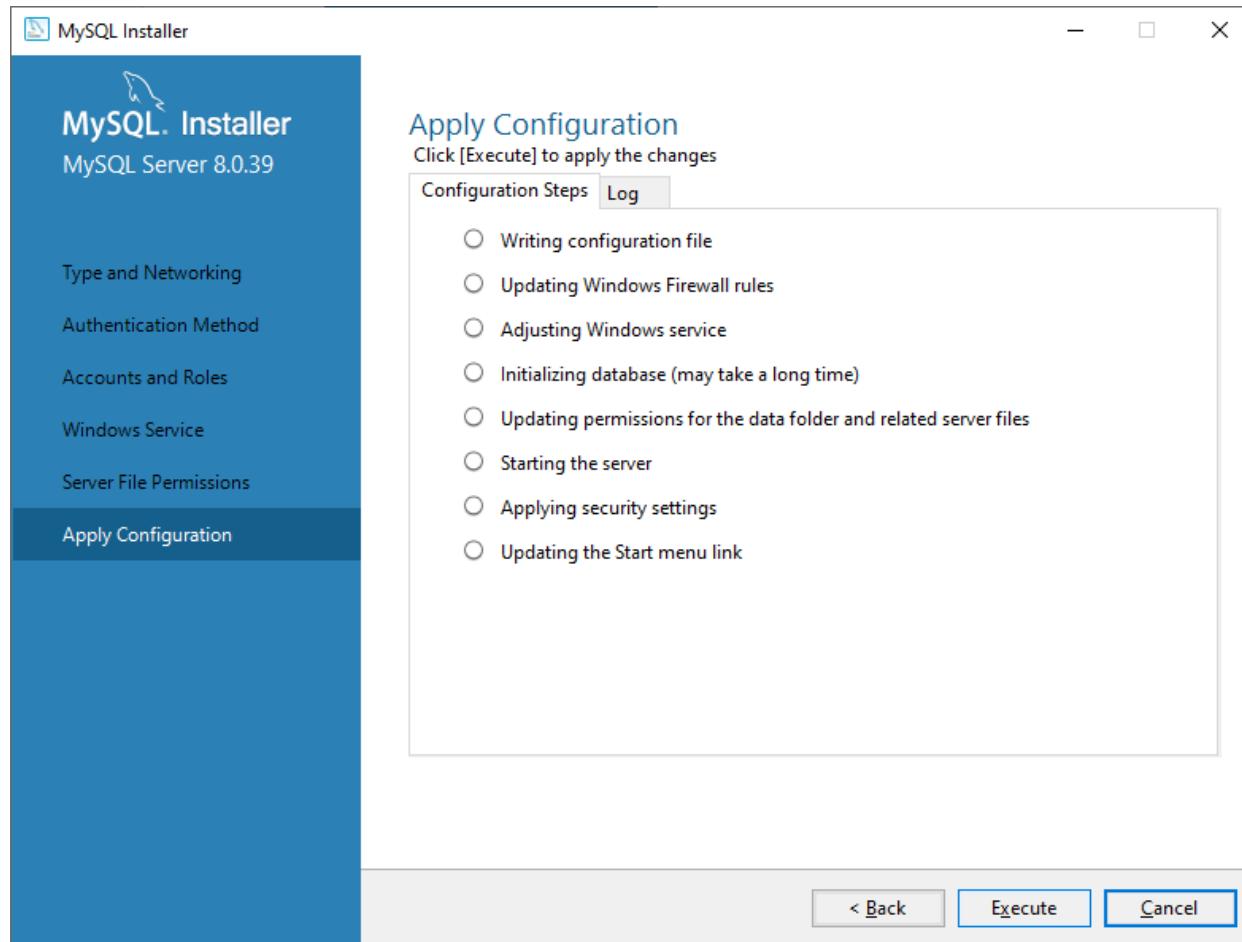


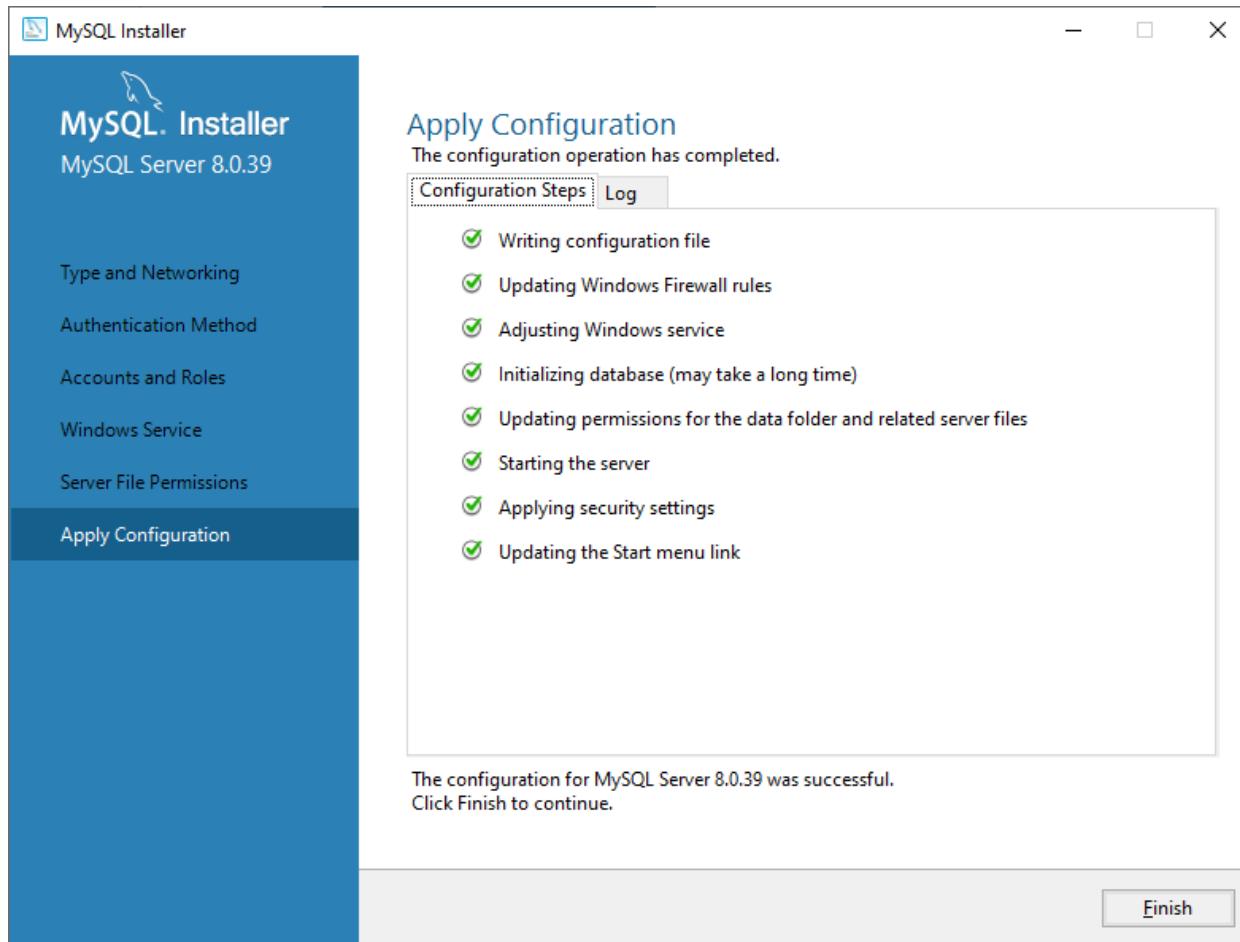


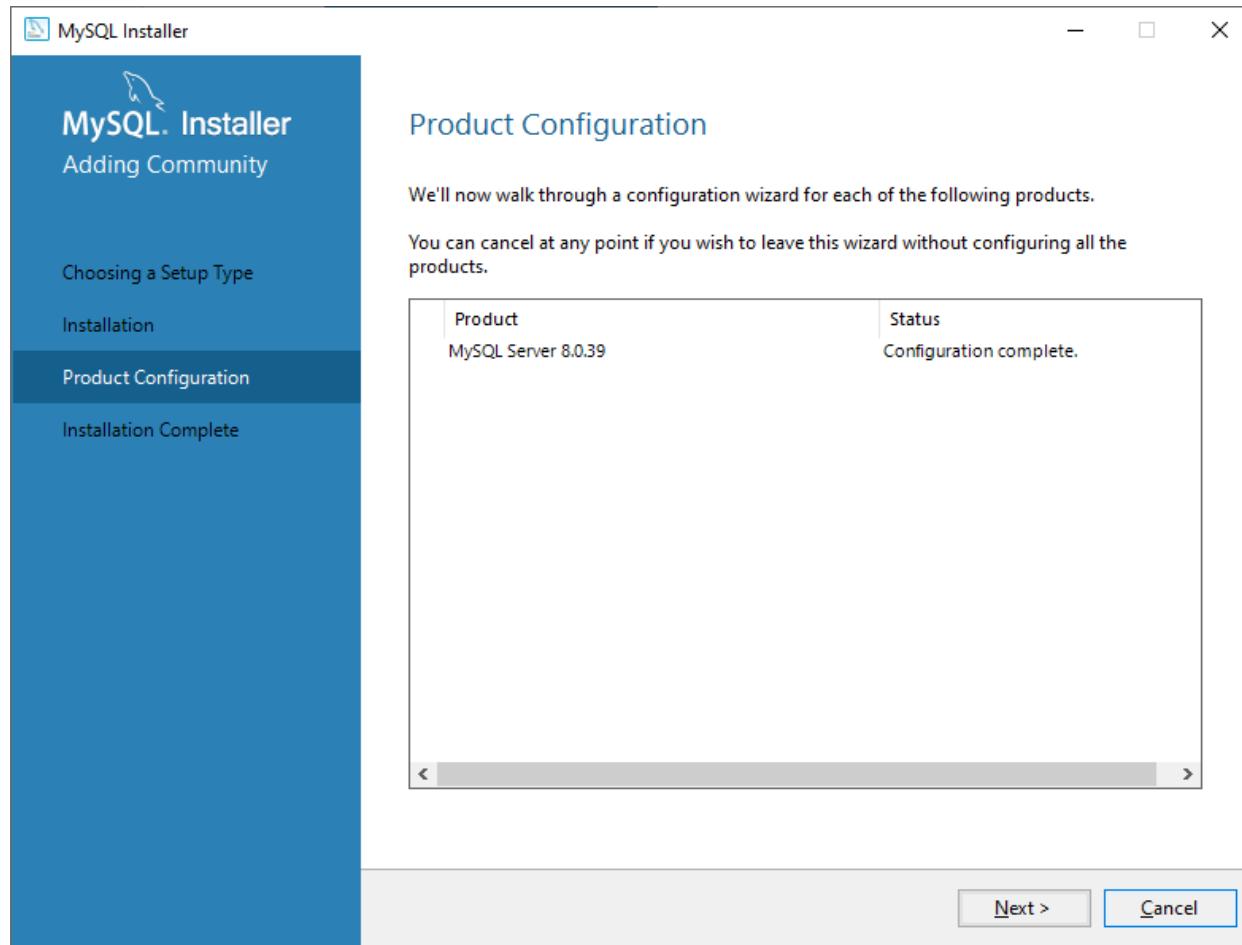


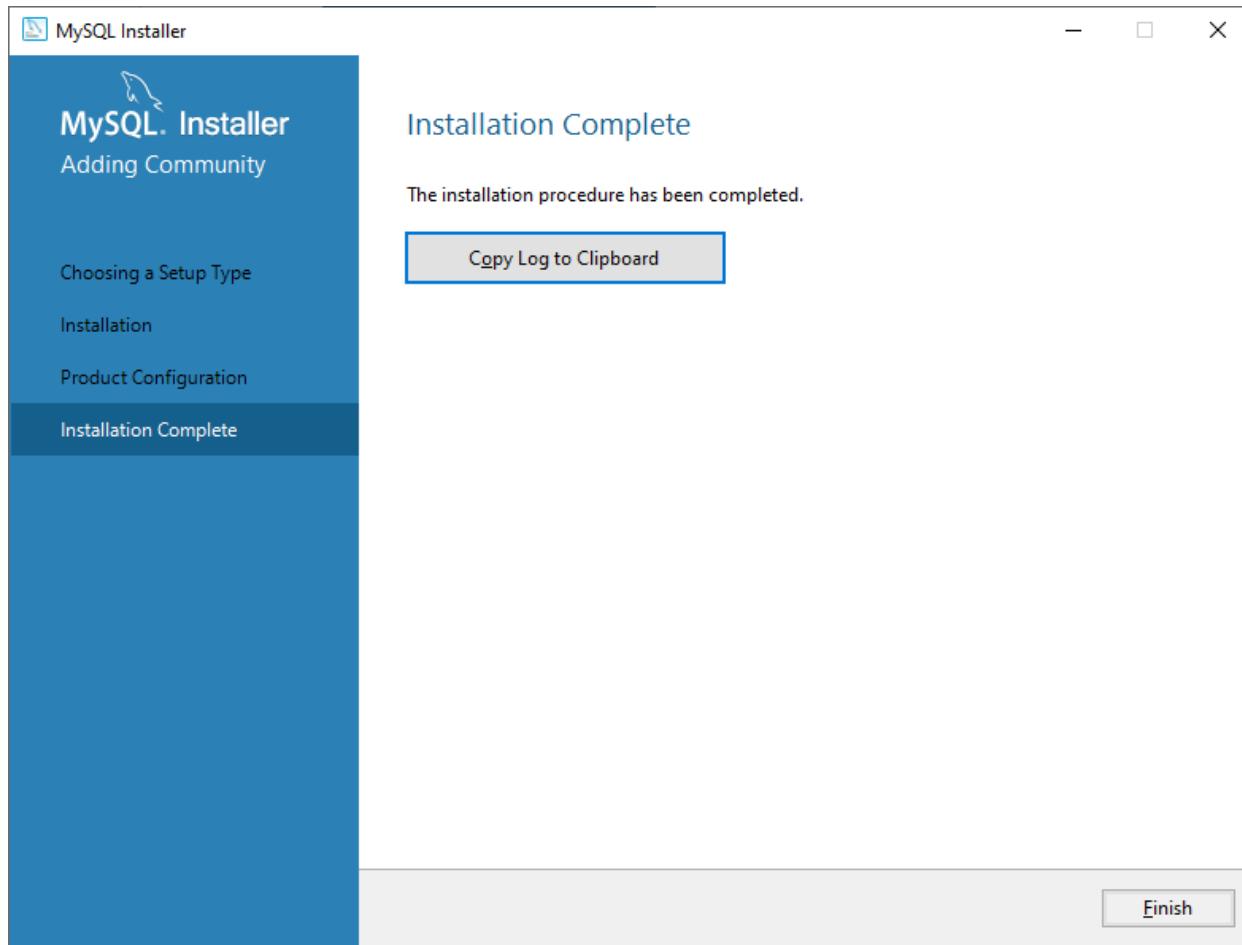








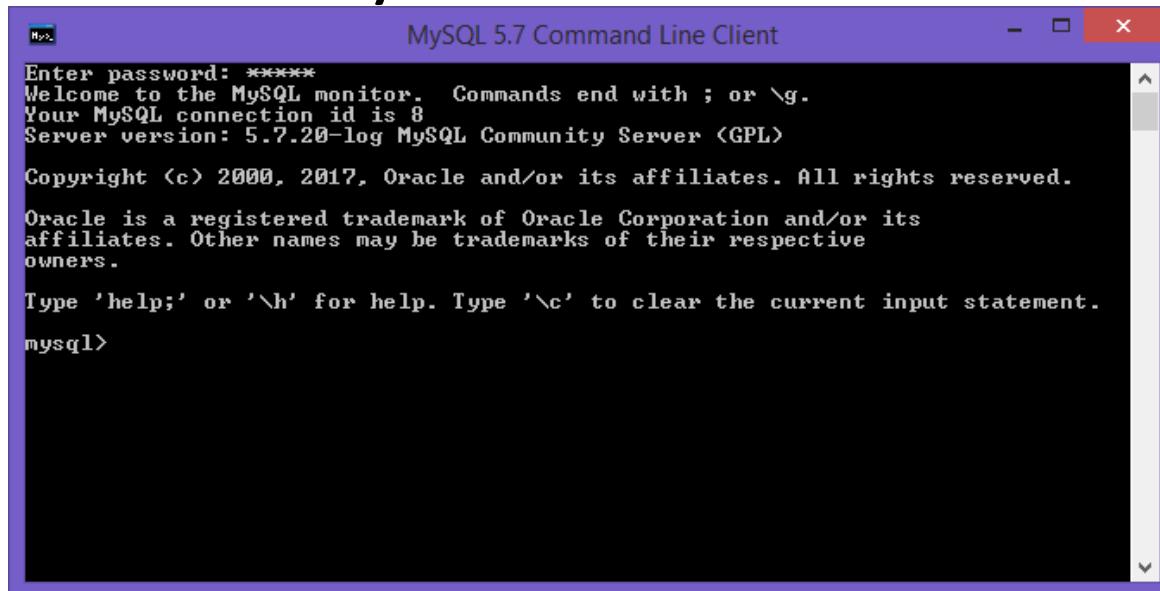




# Kiểm tra cài thành công MySQL Server

- Service MySQL được started
- Chạy MySQL 8.x Command Line Client
- Gõ vào cửa sổ lệnh password của root để kết nối vào MySQL Server

Cài đặt thành công



A screenshot of the MySQL 5.7 Command Line Client window. The title bar says "MySQL 5.7 Command Line Client". The main area displays the following text:

```
Enter password: *****
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 5.7.20-log MySQL Community Server (GPL)

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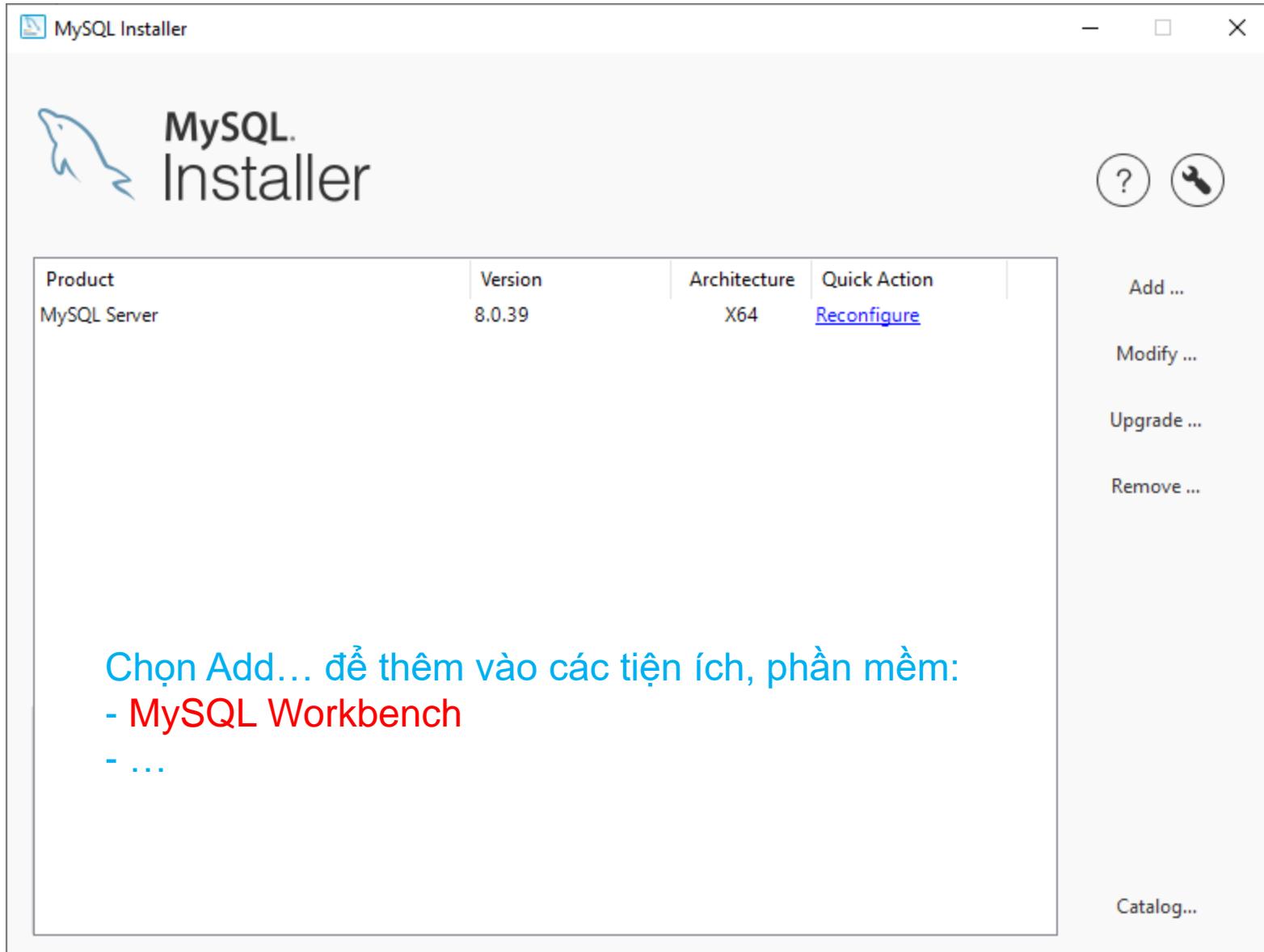
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql>
```

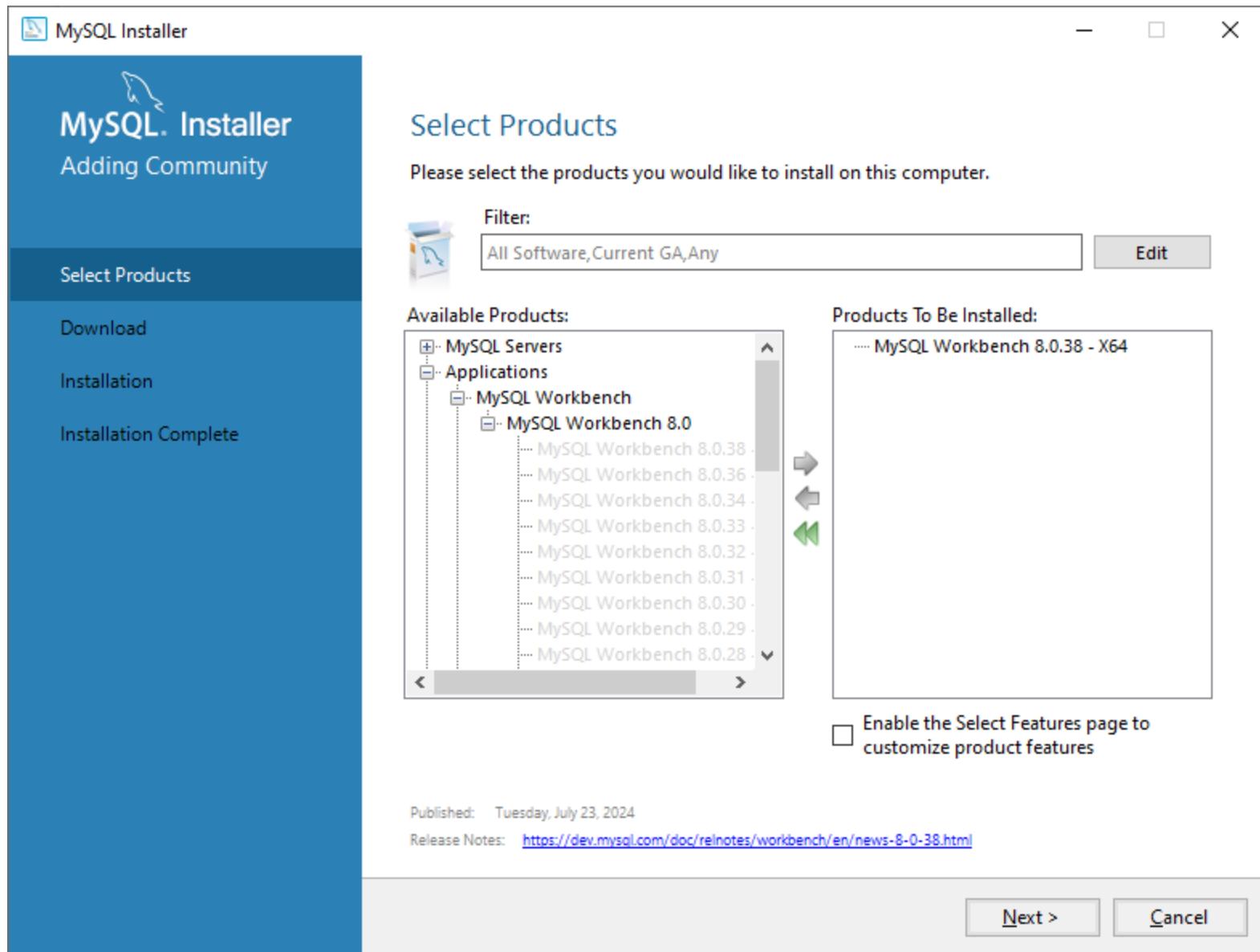
Tại dấu đợi lệnh,  
gõ vào \q để thoát:

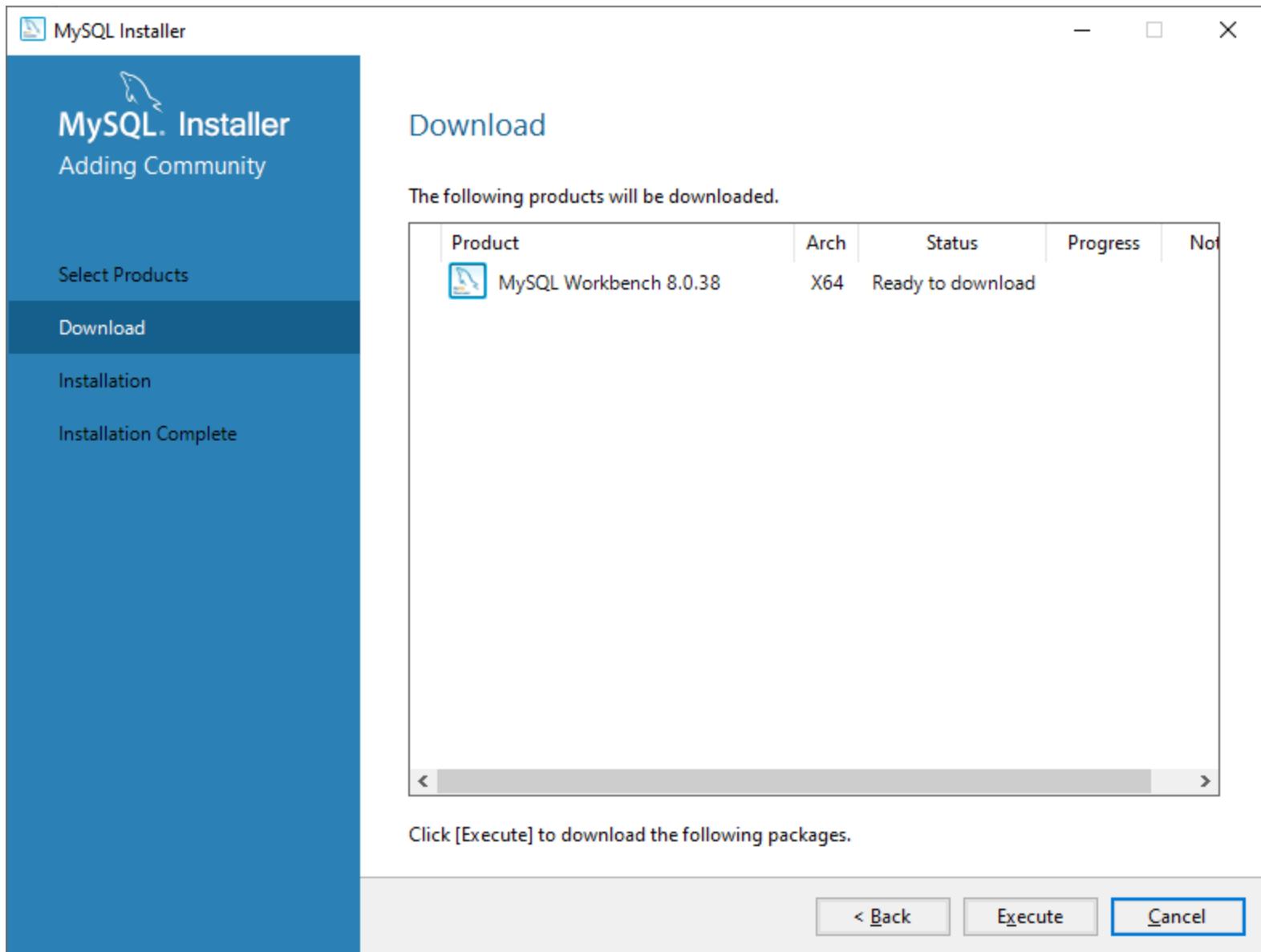
mysql> \q

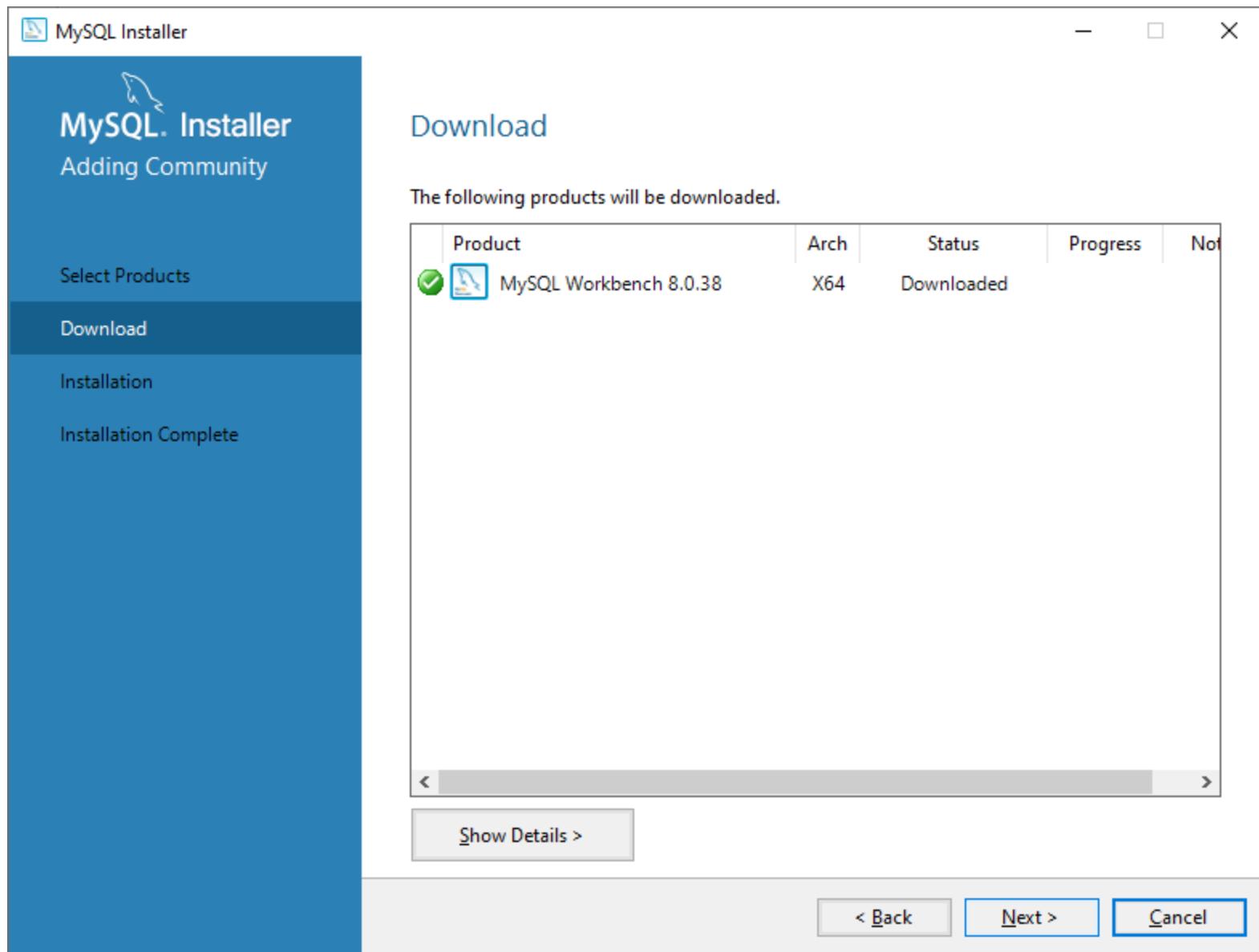
## Bước 2: Cài thêm các phần mềm khác theo nhu cầu từ MySQL Installer

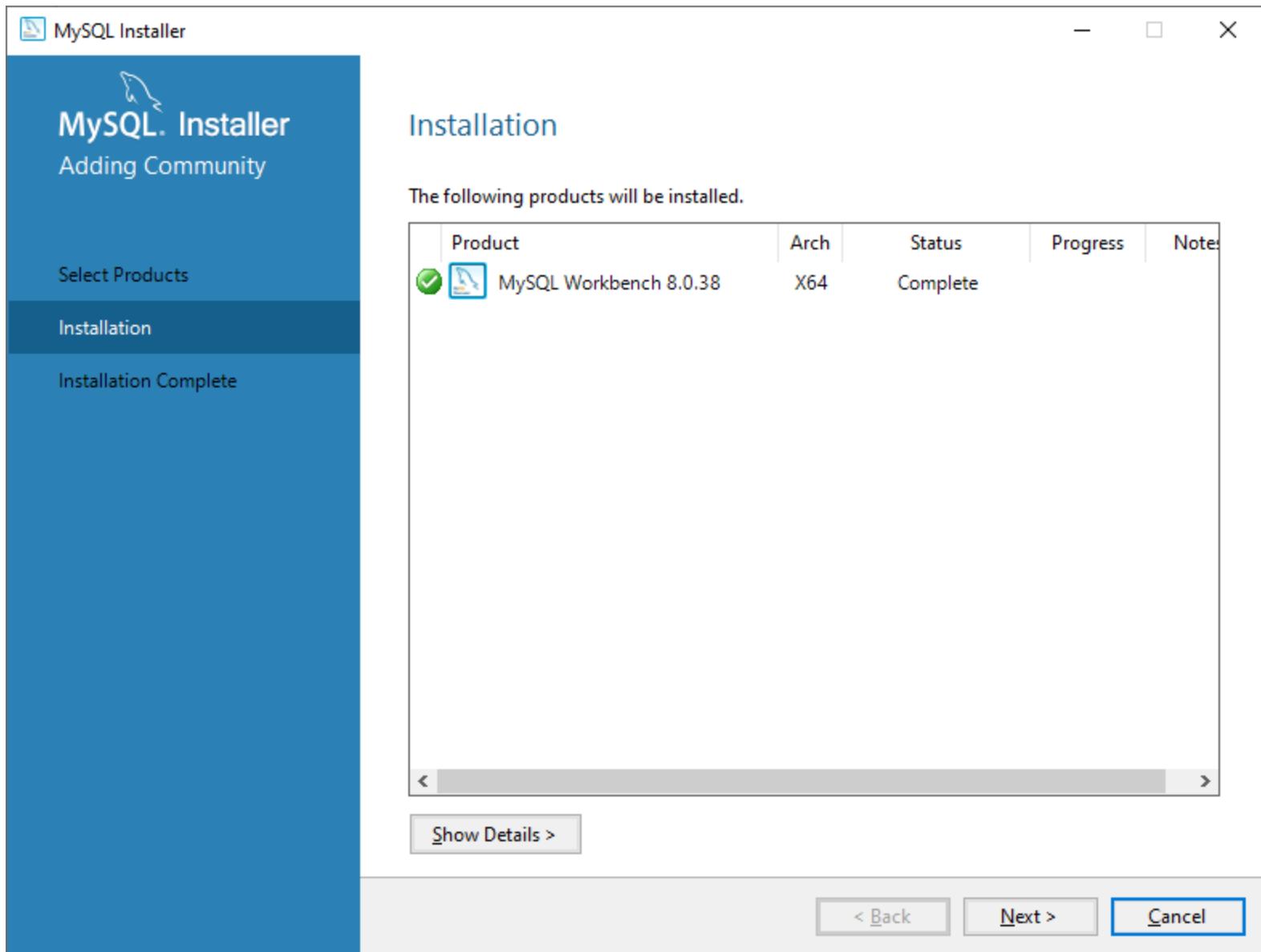
- Chạy MySQL Installer

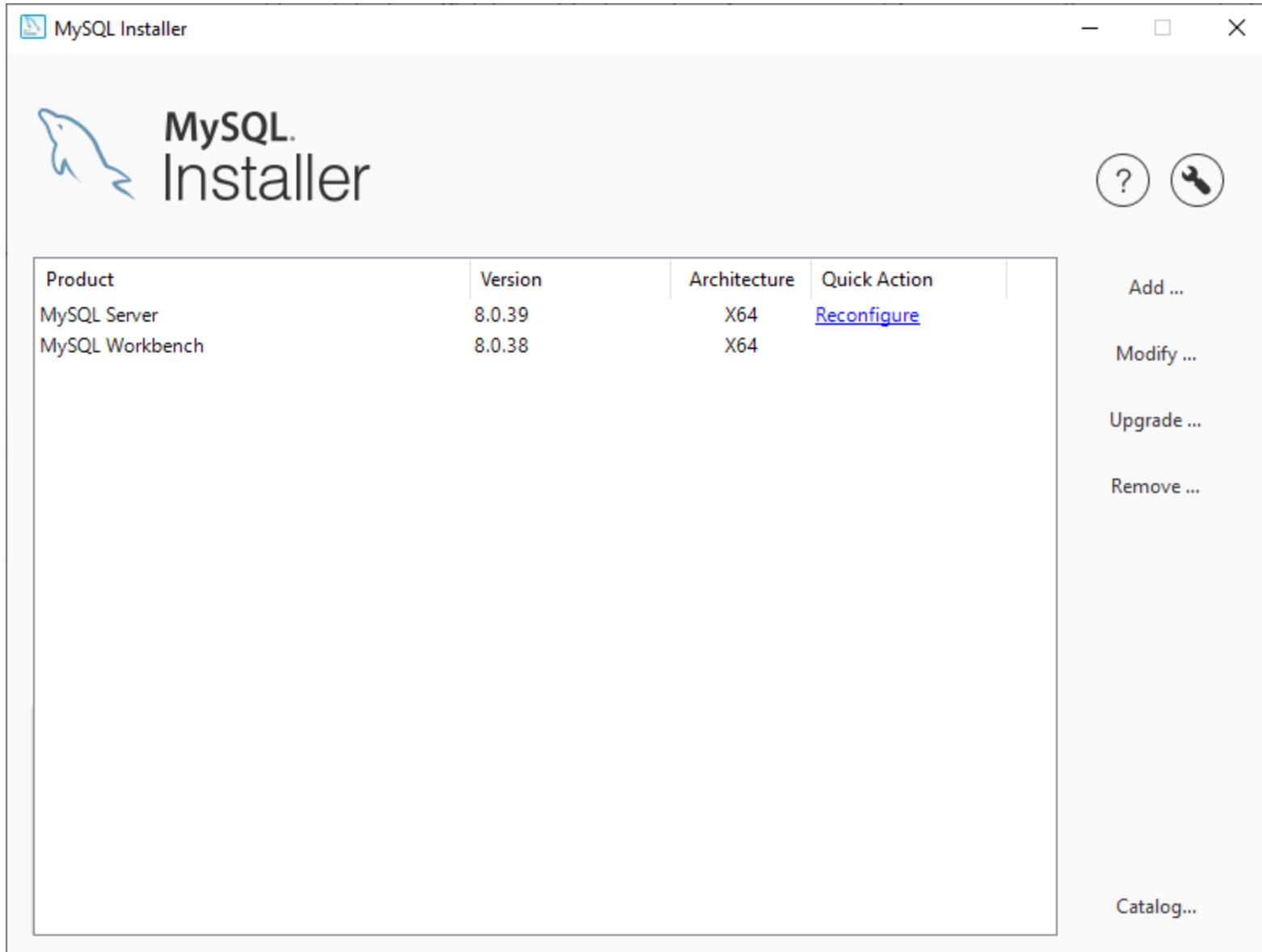












# LAB 1.1

1. Tải và cài đặt MySQL lên máy của bạn
  1. MySQL Server
  2. MySQL Workbench
  3. MySQL Notifier
2. Gỡ bỏ bản mới cài đặt
3. Tải và cài đặt lại MySQL => viết báo cáo