

# **MySQL Server**

## **Version 5.7.39**

### **Installation Guide**

# About

This document will guide you in setting up the MySQL Server 5.7.39

Please pay attention to the setup details provided in this document to avoid resource conflicts.

# Software Download

MySQL Server 5.7.39

<https://cdn.mysql.com/archives/mysql-installer/mysql-installer-community-5.7.39.0.msi>

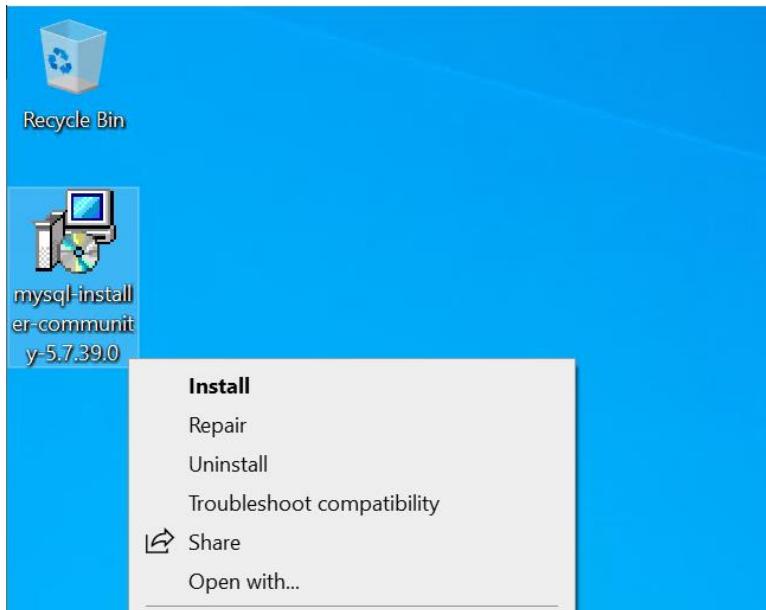
Or higher versions

<https://downloads.mysql.com/archives/installer/>

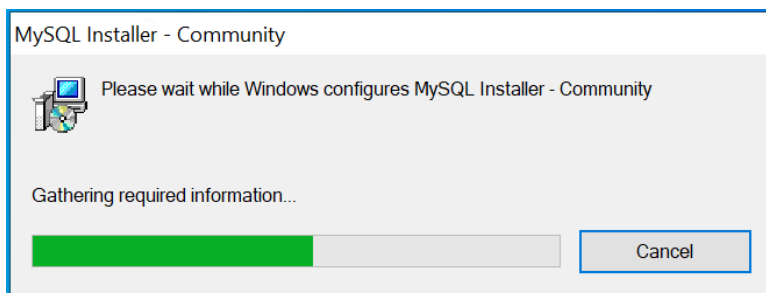
After downloading the installer file you may now proceed with the installation process.

# Installation

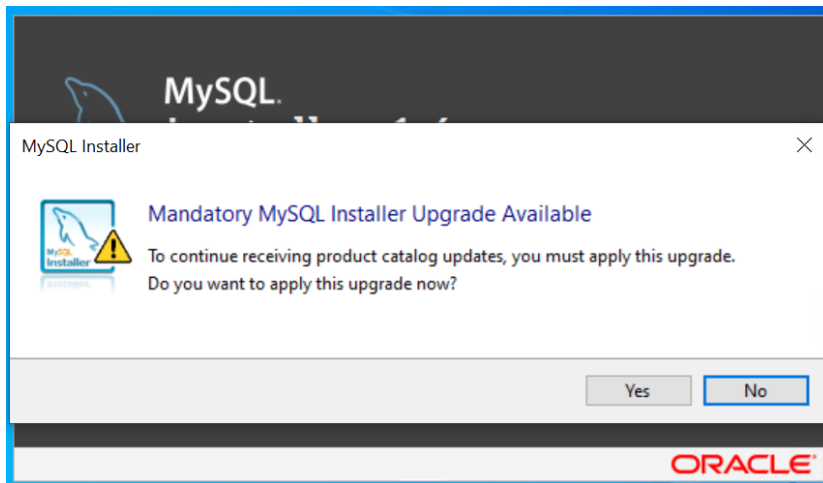
1. Run the installer



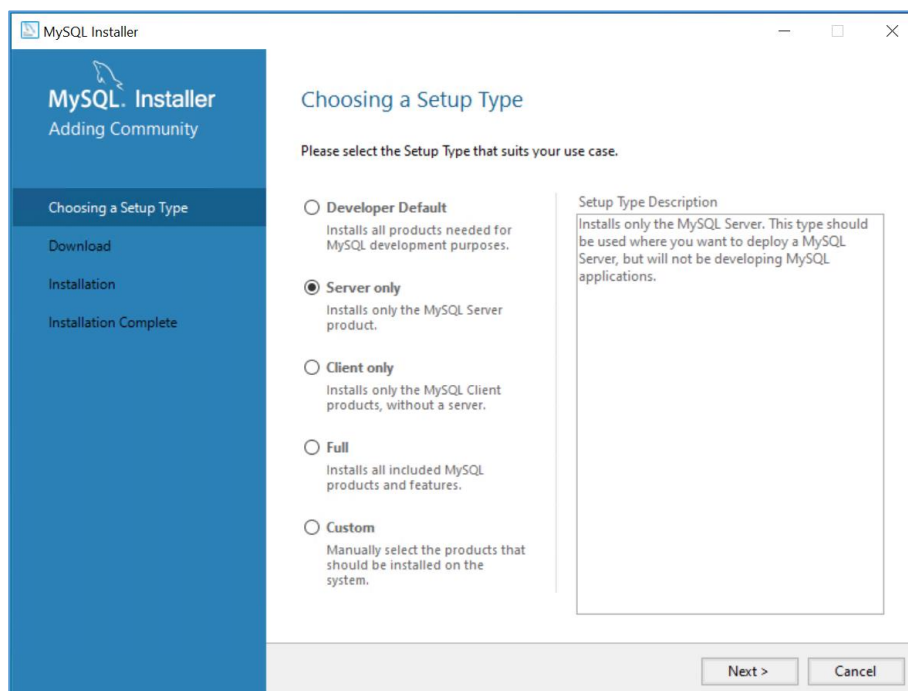
2. Please wait until the installer is completely loaded



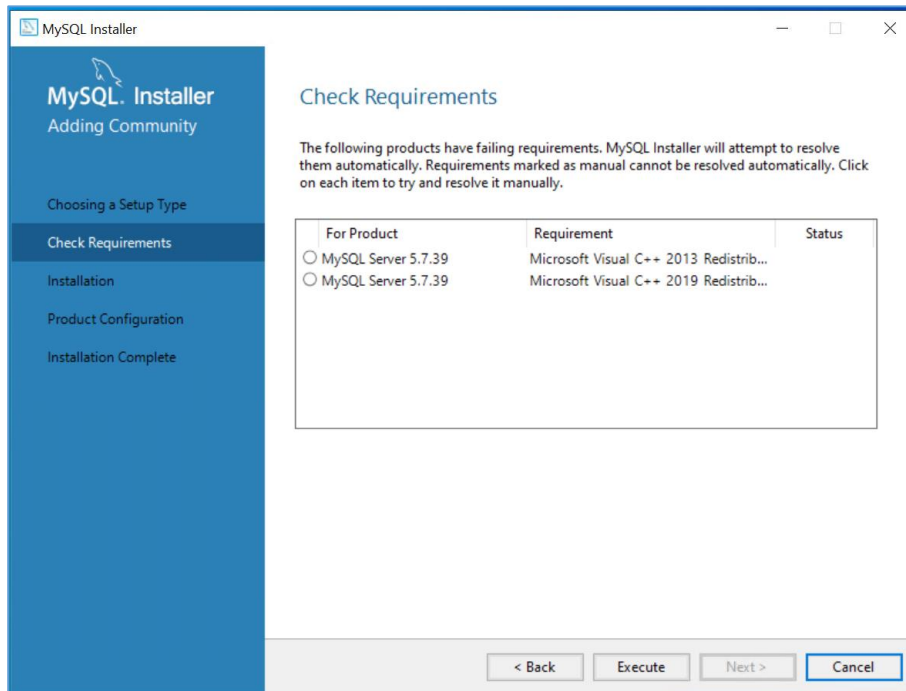
3. You may be prompted of the installer upgrade, just choose **No**



4. In the Setup Type, select **Server only** and click the **Next** button to proceed

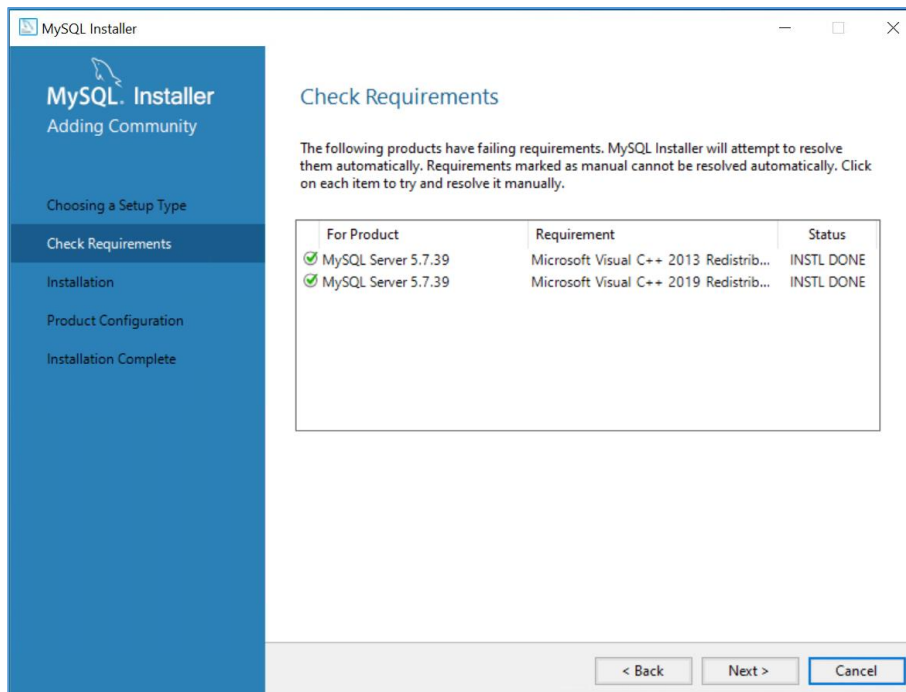


5. In the Check Requirements screen, just click the **Execute** button to proceed

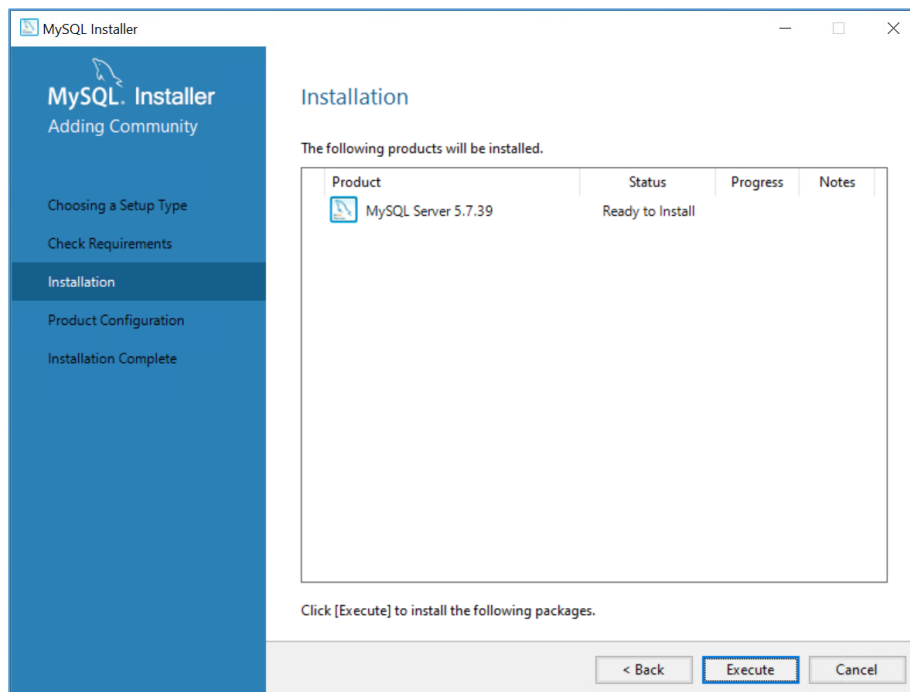


You will be prompted for each redistribution, just mark the **I agree** option and click the **Install** button to proceed.

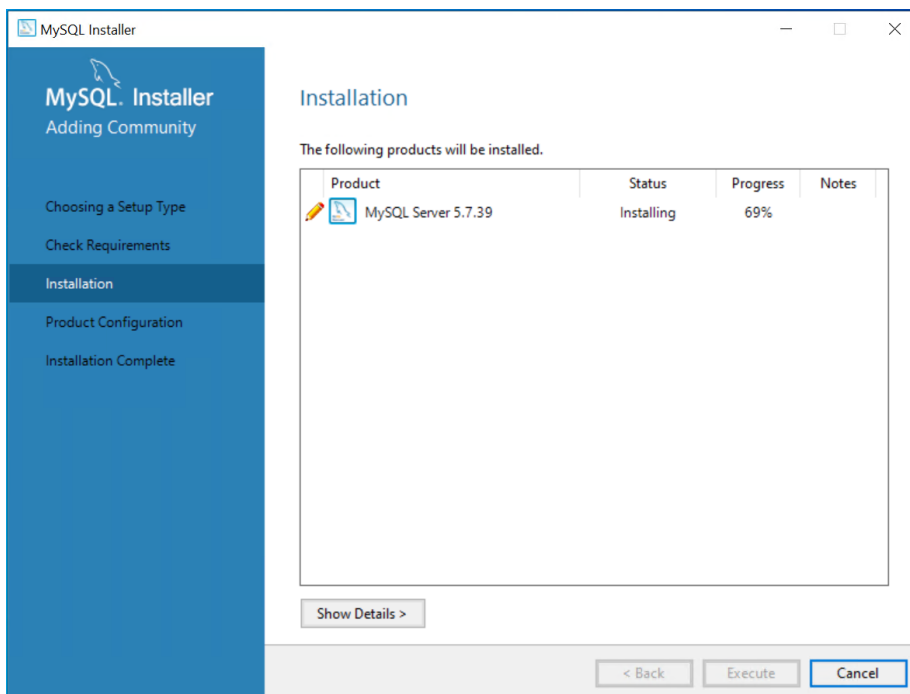
6. After the required softwares are installed, just click the **Next** button to proceed.



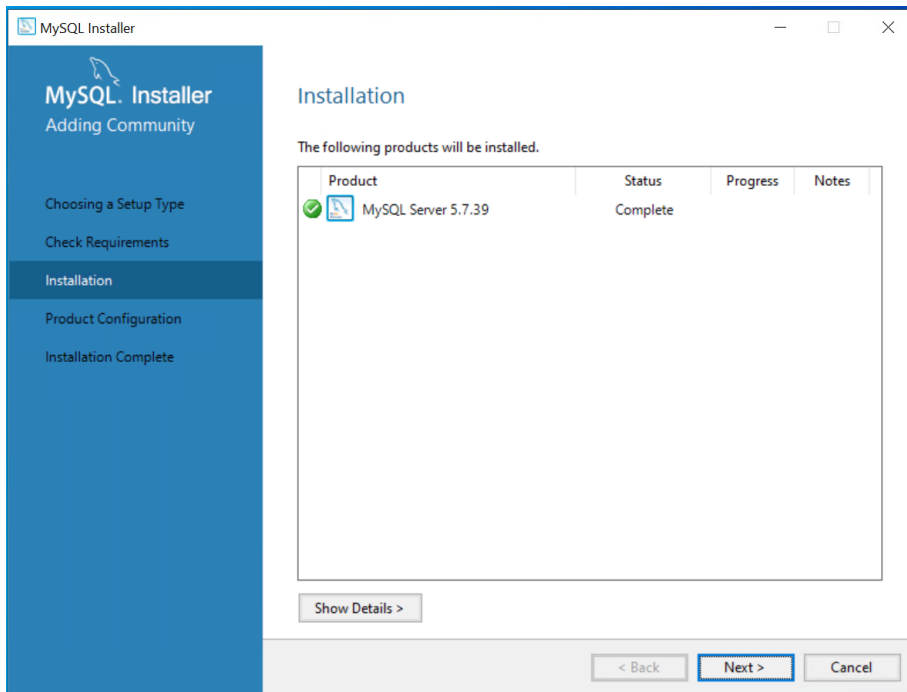
7. In the Installation screen, click the **Execute** button to proceed.



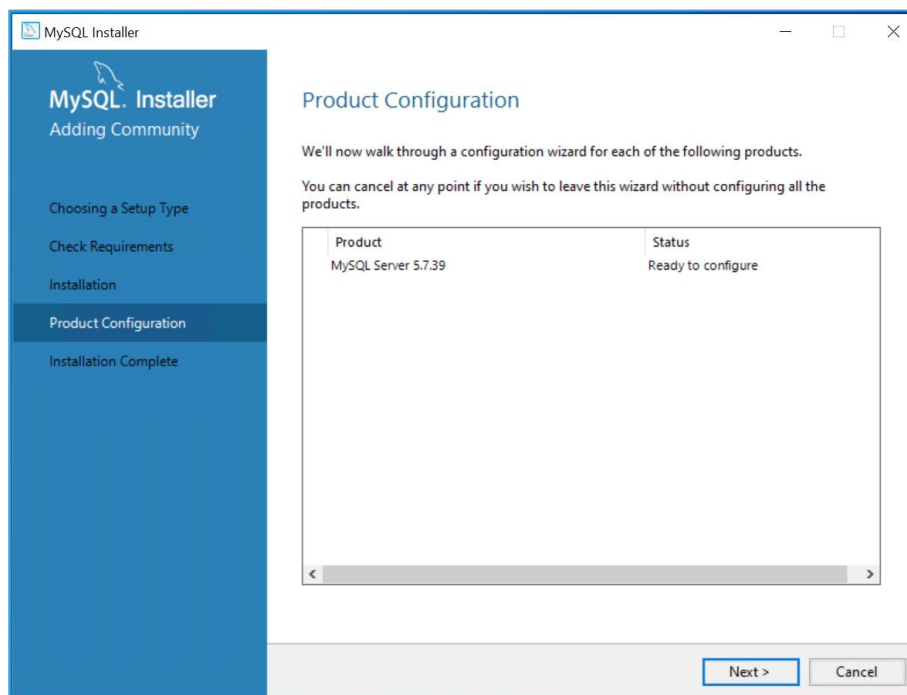
Please wait until the installation is complete.



8. After the installation is completed, click the **Next** button to proceed.

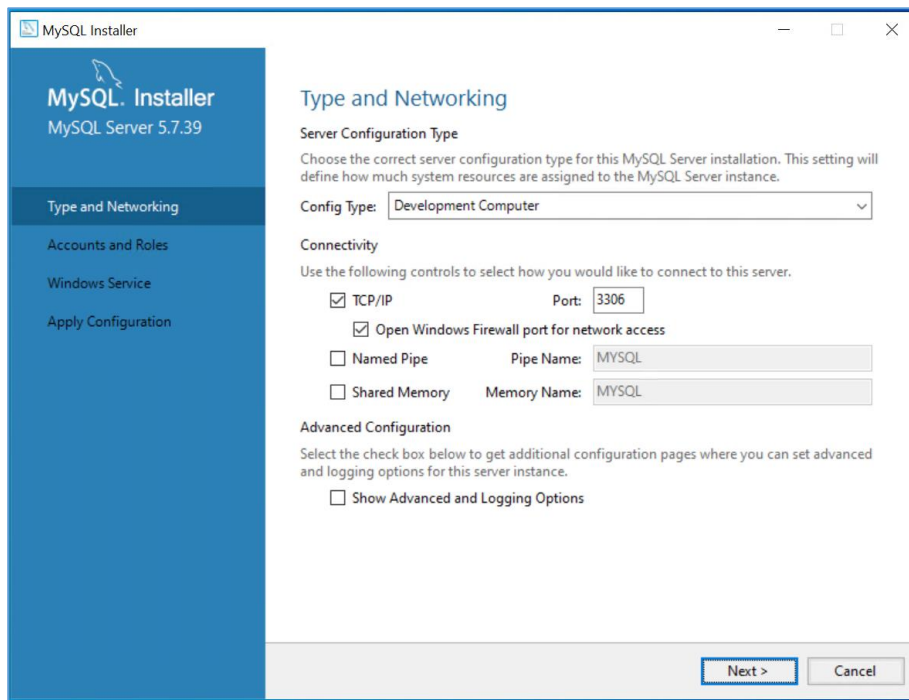


9. You are about to configure MySQL, click the **Next** button to proceed.





10. In the Server Configuration Type screen, choose **Development Computer** as your config type, and then click the **Next** button to proceed.

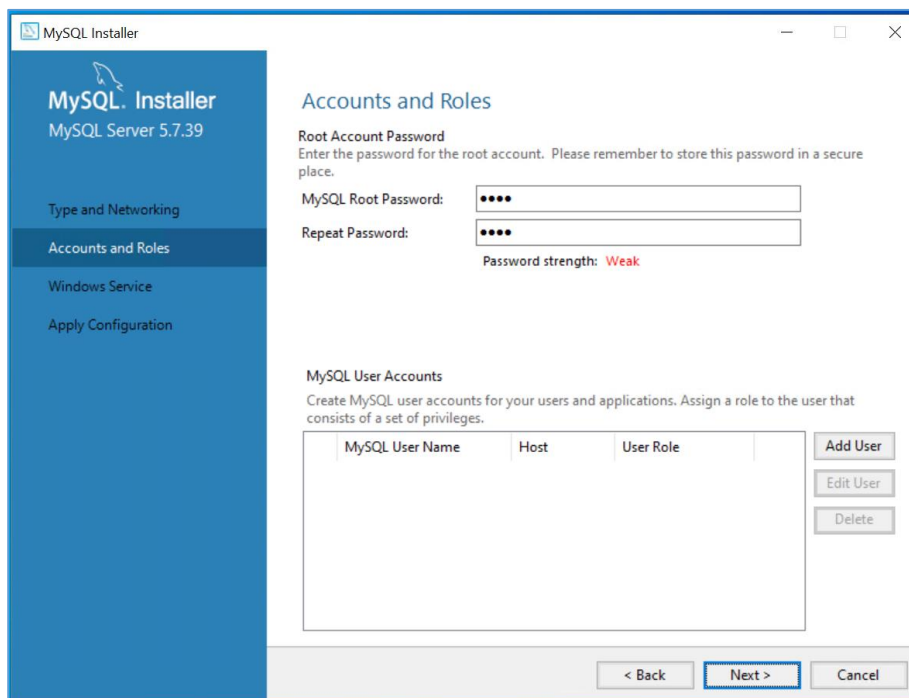


The screenshot shows the 'MySQL Installer' window for 'MySQL Server 5.7.39'. The left sidebar has 'Type and Networking' selected. The main area is titled 'Type and Networking' and contains the following sections:

- Server Configuration Type:** A dropdown menu set to 'Development Computer'. Below it is a note: 'Choose the correct server configuration type for this MySQL Server installation. This setting will define how much system resources are assigned to the MySQL Server instance.'
- Connectivity:** A section with the instruction 'Use the following controls to select how you would like to connect to this server.' It includes:
  - ☒ TCP/IP: Port: 3306
  - ☒ Open Windows Firewall port for network access
  - ☐ Named Pipe: Pipe Name: MYSQL
  - ☐ Shared Memory: Memory Name: MYSQL
- Advanced Configuration:** A section with the instruction 'Select the check box below to get additional configuration pages where you can set advanced and logging options for this server instance.' It includes:
  - ☐ Show Advanced and Logging Options

At the bottom right are 'Next >' and 'Cancel' buttons.

11. In the Accounts and Roles screen, provide the root password to **1234** and then click the **Next** button to proceed.

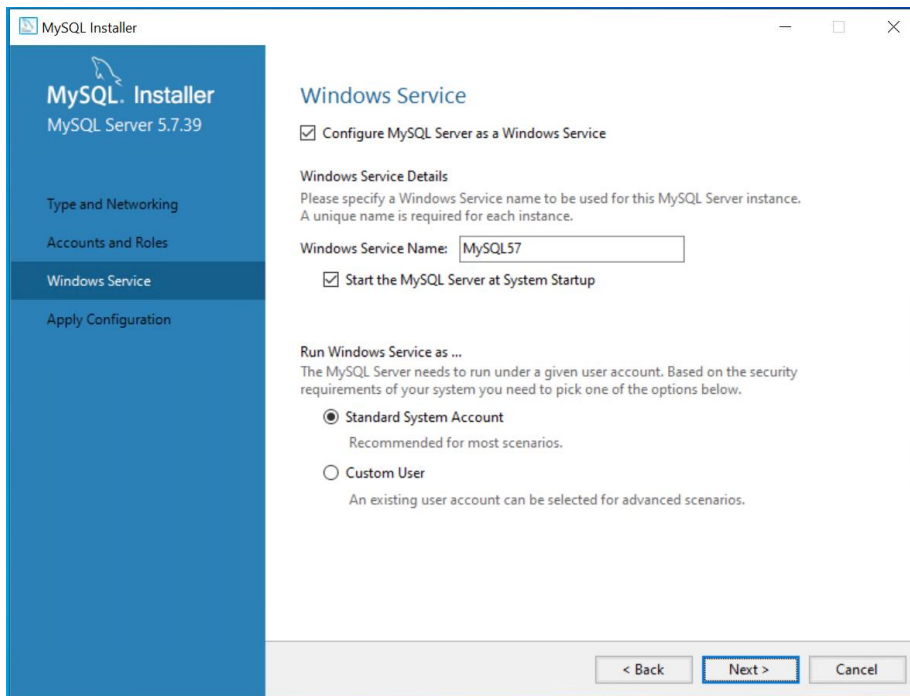


The screenshot shows the 'MySQL Installer' window for 'MySQL Server 5.7.39'. The left sidebar has 'Accounts and Roles' selected. The main area is titled 'Accounts and Roles' and contains the following sections:

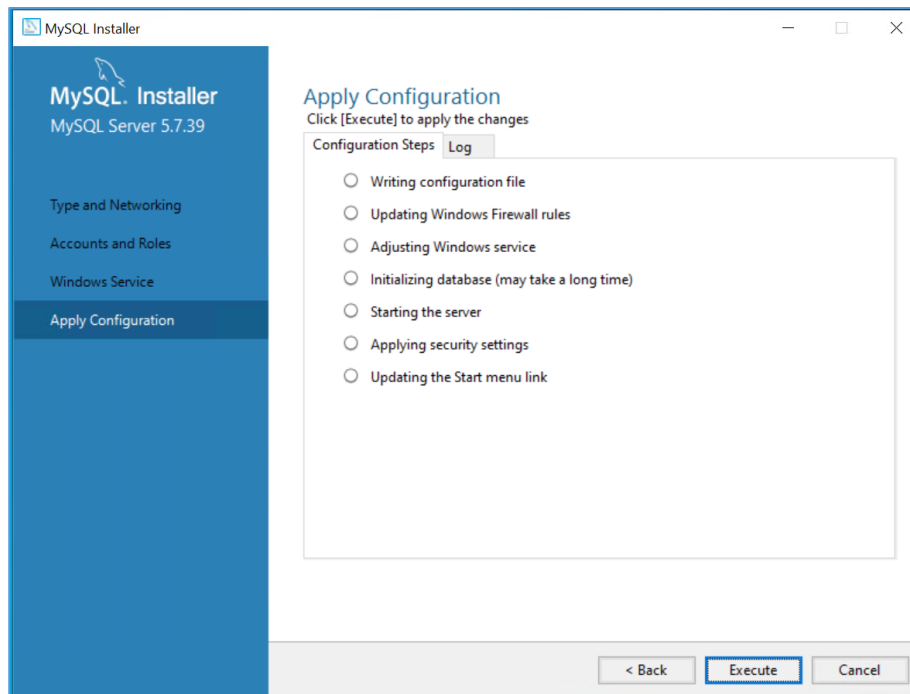
- Root Account Password:** A section with the instruction 'Enter the password for the root account. Please remember to store this password in a secure place.' It includes:
  - MySQL Root Password: [password masked with dots]
  - Repeat Password: [password masked with dots]
  - Password strength: **Weak**
- MySQL User Accounts:** A section with the instruction 'Create MySQL user accounts for your users and applications. Assign a role to the user that consists of a set of privileges.' It includes a table with columns 'MySQL User Name', 'Host', and 'User Role'. To the right of the table are 'Add User', 'Edit User', and 'Delete' buttons.

At the bottom are '< Back', 'Next >', and 'Cancel' buttons.

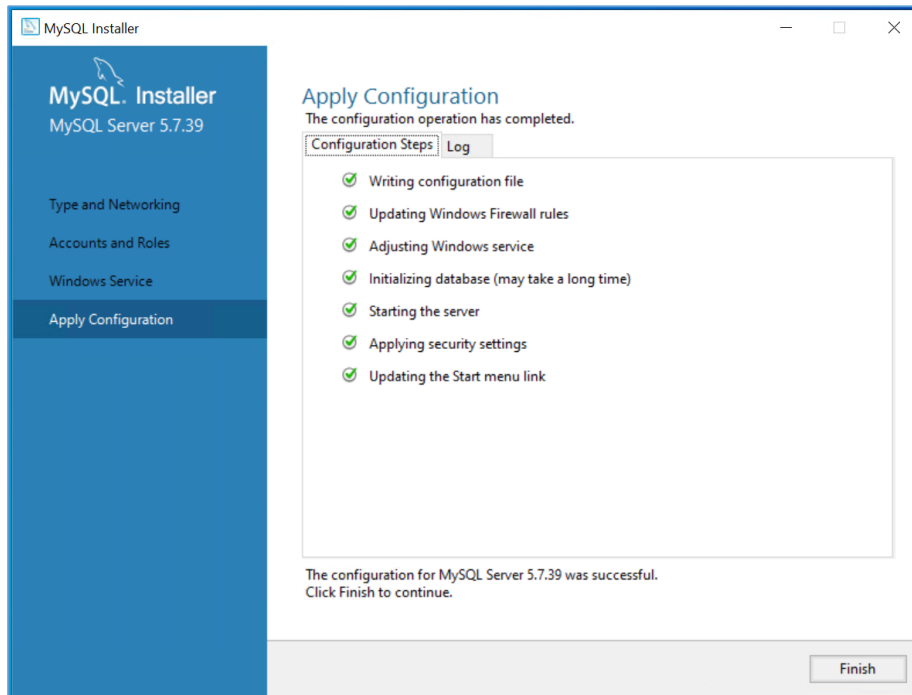
12. In the Windows Service screen, just leave the default settings as is, and then click **Next** button to proceed.



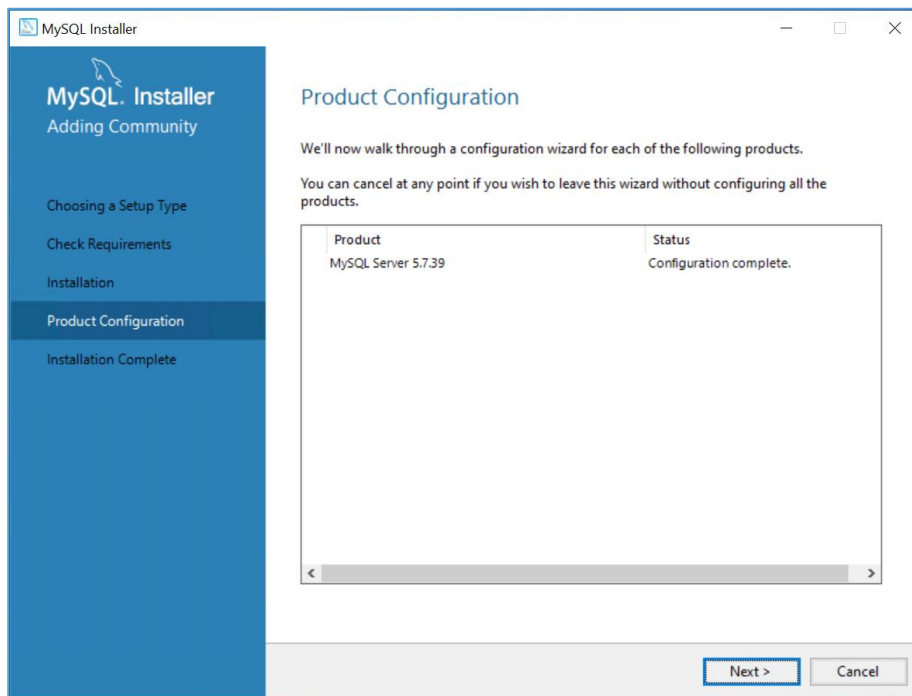
13. In the Apply Configuration screen, just click the **Execute** button to proceed.



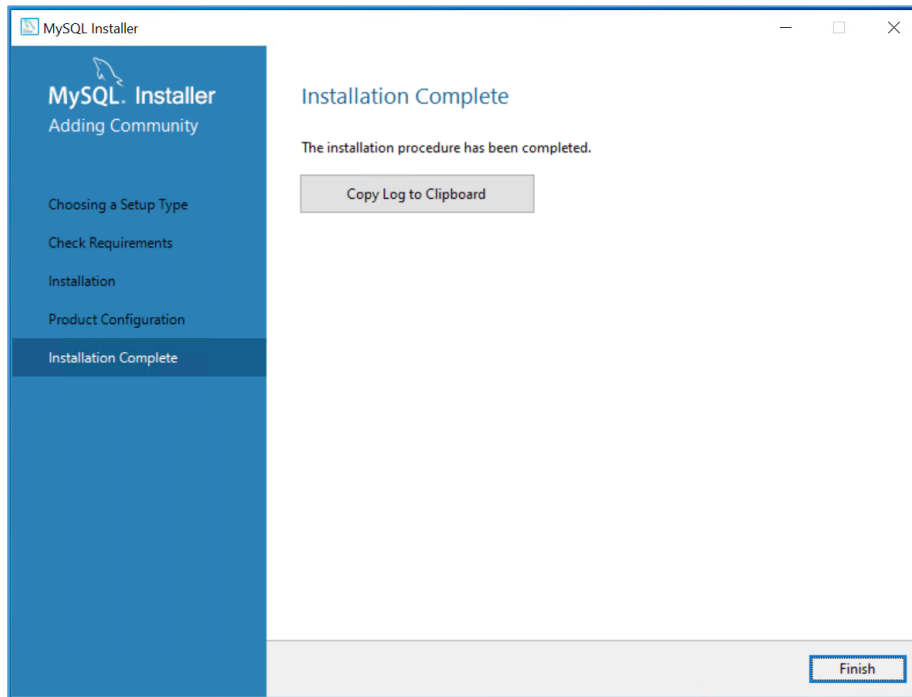
14. After the configuration is applied successfully, just click the **Finish** button to proceed.



15. In the final screen of Production Configuration, just click the **Next** button to proceed.



16. In the final screen of the Installation, just click the **Finish** button to close the installer.

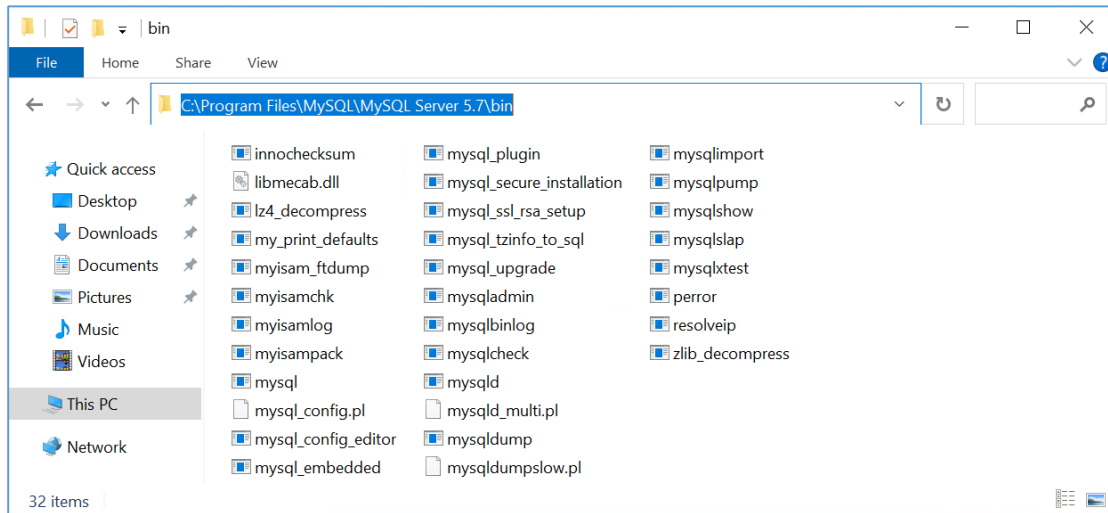


Finally you have successfully installed the MySQL Server database engine version 5.7.39.

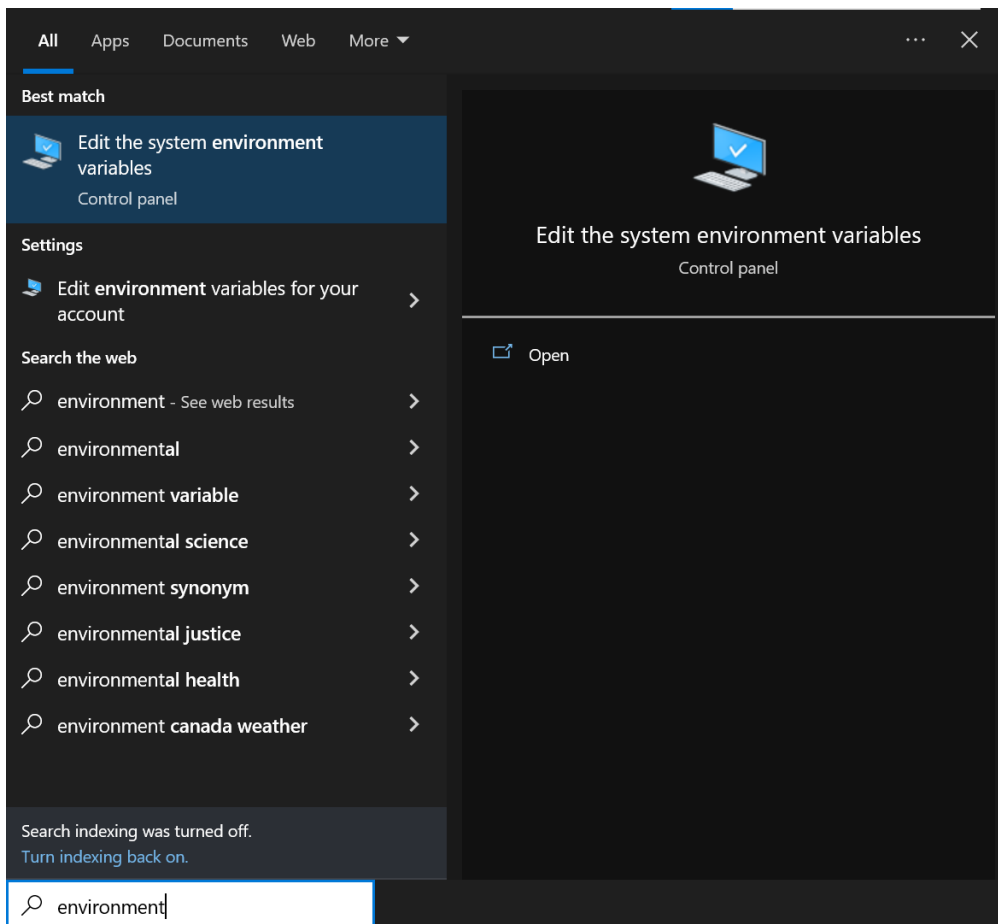
## Post Configuration

We are now about to register the **bin** folder of MySQL wherein all the executable files related to this database engine are stored, and Windows needs to know this location.

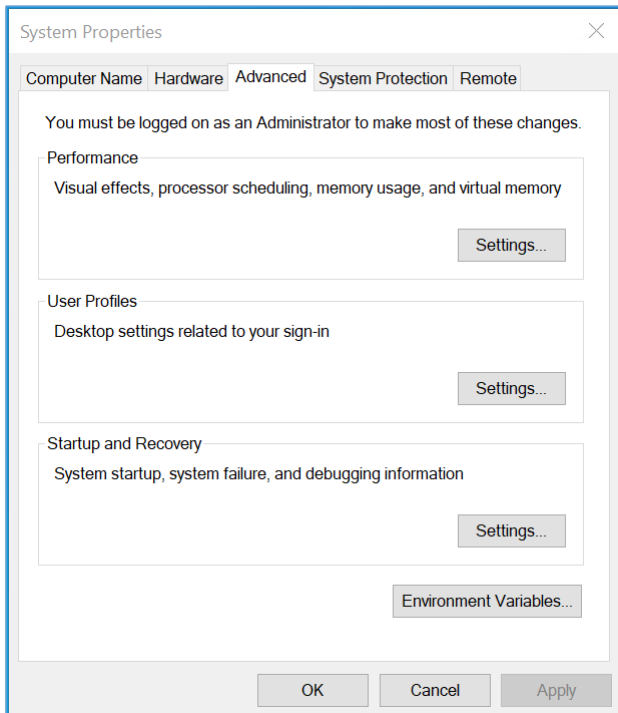
1. Locate the **bin** folder of MySQL and copy the full directory path



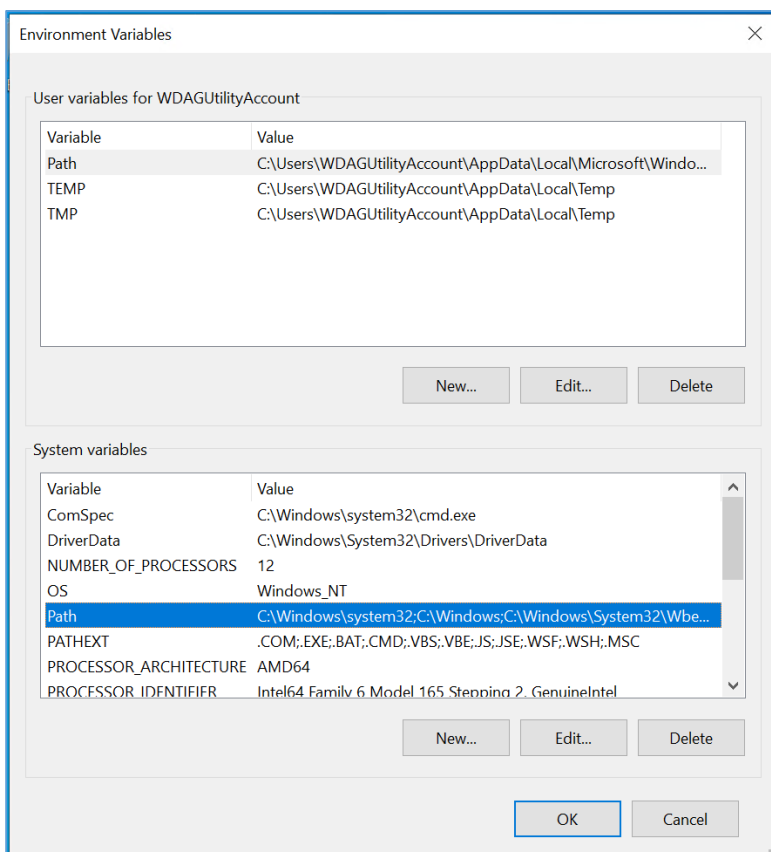
2. On your keyboard device, press the shortcut key **WINDOWS logo + S** to display the search bar and input the word **environment** and then choose **Edit the system environment variables**



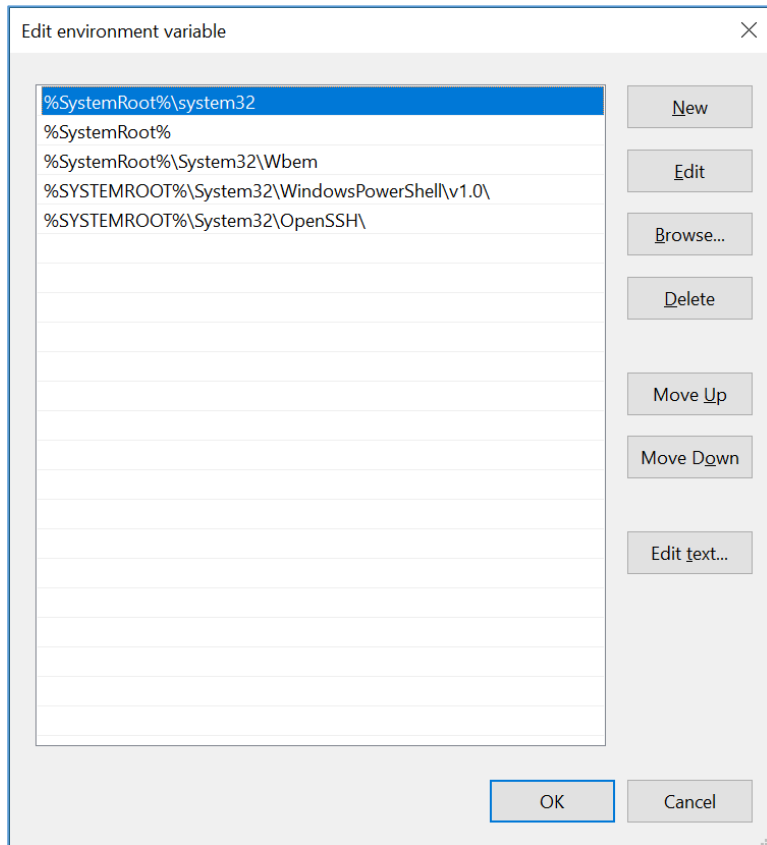
3. In the System Properties screen, just click the **Environment Variables** button



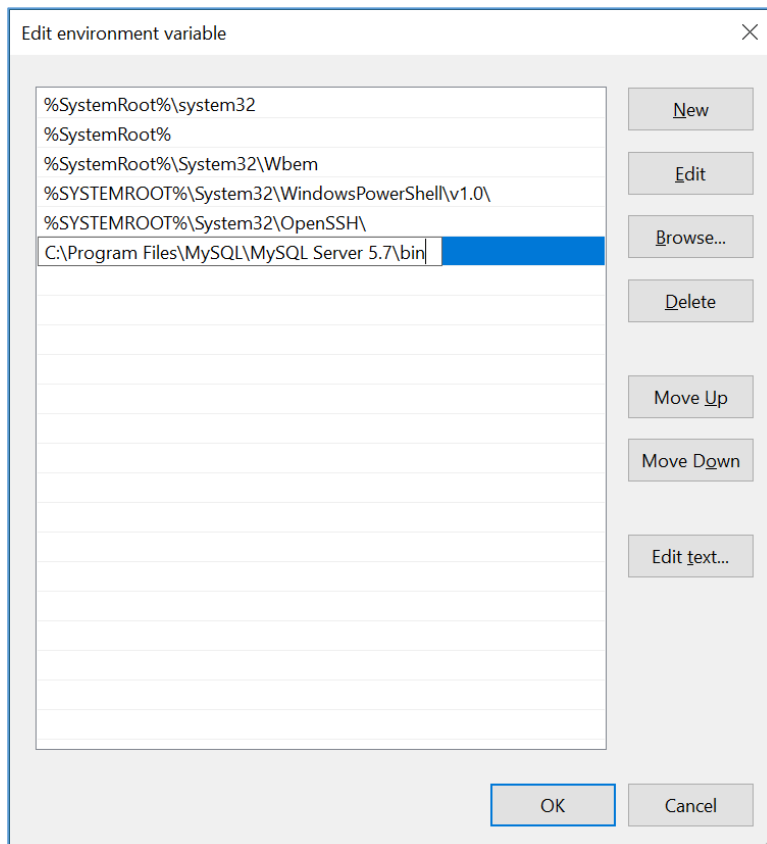
4. In the Environment Variables screen, find and select the System Variable name **Path**, and then click the **Edit** button to proceed.



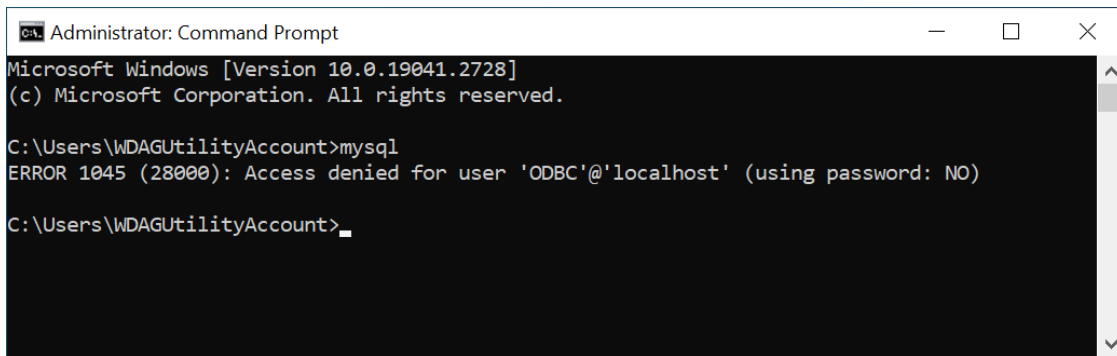
5. In the **Edit environment variable** screen, just click the **New** button to add a new entry



6. Paste the full directory path of your MySQL **bin** folder, and then click **OK** button to proceed.



7. In the **Environment Variables** screen, just click the **OK** button to close the screen
8. In the **System Properties** screen, just click the **OK** button to close the screen
9. On your keyboard device, press the shortcut key **WINDOWS** logo + **S** to display the search bar and input the word **cmd** and then choose **Command Prompt**
10. In the **Command Prompt** console, input the command `mysql` and press the **ENTER** key to see the result



```
C:\> Administrator: Command Prompt
Microsoft Windows [Version 10.0.19041.2728]
(c) Microsoft Corporation. All rights reserved.

C:\Users\WDAGUtilityAccount>mysql
ERROR 1045 (28000): Access denied for user 'ODBC'@'localhost' (using password: NO)

C:\Users\WDAGUtilityAccount>_
```

If you see the same result, then the registration of MySQL's bin folder is successful.  
Otherwise you will see a result something like 'mysql' is not recognized as an internal command

You have now fully completed the installation and configuration process of MySQL.