

## MySQL 설치

### 1 다운로드 (MySQL installer, and MySQL workbench)

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

설치 프로그램: MySQL on Windows 와 MySQL Workbench 설치

버전: Community 버전 (무료)

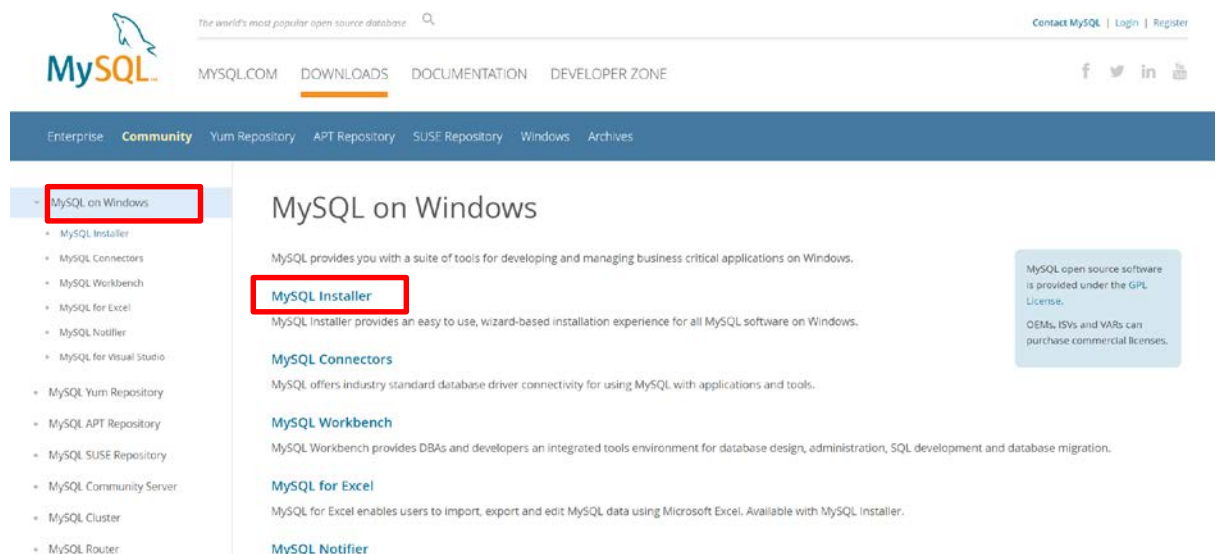


### 2 설치 (MySQL on Windows)

**NOTE:** 이전의 MySQL을 삭제하고 다시 설치하는 경우, 먼저 C:\Program Files (x86)\MySQL (또는 C:\Program Files\MySQL) 및 C:\ProgramData\MySQL 폴더를 삭제

**NOTE:** MySQL Installer 는 32 bit 이나 32 bit 과 64 bit OS 모두 지원함으로 상관없음

상단 왼쪽에 MySQL on Windows 클릭 → MySQL installer 클릭





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Enterprise **Community** Yum Repository APT Repository SUSE Repository Windows Archives

- MySQL on Windows
- MySQL Yum Repository
- MySQL APT Repository
- MySQL SUSE Repository
- MySQL Community Server
- MySQL Cluster
- MySQL Router
- MySQL Shell
- MySQL Workbench
- MySQL Connectors
- Other Downloads

## Download MySQL Installer

MySQL Installer provides an easy to use, wizard-based installation experience for all your MySQL software needs. Included in the product are the latest versions of:

- MySQL Server
- MySQL Connectors
- MySQL Workbench and sample models
- Sample Databases
- MySQL for Excel
- MySQL Notifier
- MySQL for Visual Studio
- Documentation

MySQL open source software is provided under the GPL License. OEMs, ISVs and VARs can purchase commercial licenses.

### Choosing the right file:

- If you have an online connection while running the MySQL Installer, choose the `mysql-installer-web-community` file.
- If you do NOT have an online connection while running the MySQL Installer, choose the `mysql-installer-community` file.

**Note: MySQL Installer is 32 bit, but will install both 32 bit and 64 bit binaries.**

Online Documentation

- MySQL Installer Documentation and Change History

Please report any bugs or inconsistencies you observe to our [Bugs Database](#).

Thank you for your support!

### Generally Available (GA) Releases

#### MySQL Installer 8.0.17

Select Operating System:

Microsoft Windows

Looking for previous GA versions?

<b>Windows (x86, 32-bit), MSI Installer</b> <small>(mysql-installer-web-community-8.0.17.0.msi)</small>	8.0.17	18.5M	<a href="#">Download</a>
<b>Windows (x86, 32-bit), MSI Installer</b> <small>(mysql-installer-community-8.0.17.0.msi)</small>	8.0.17	393.4M	<a href="#">Download</a>



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## Begin Your Download

mysql-installer-community-8.0.17.0.msi

### Login Now or Sign Up for a free account.

An Oracle Web Account provides you with the following advantages:

- Fast access to MySQL software downloads
- Download technical White Papers and Presentations
- Post messages in the MySQL Discussion Forums
- Report and track bugs in the MySQL bug system

Login »

using my Oracle Web account

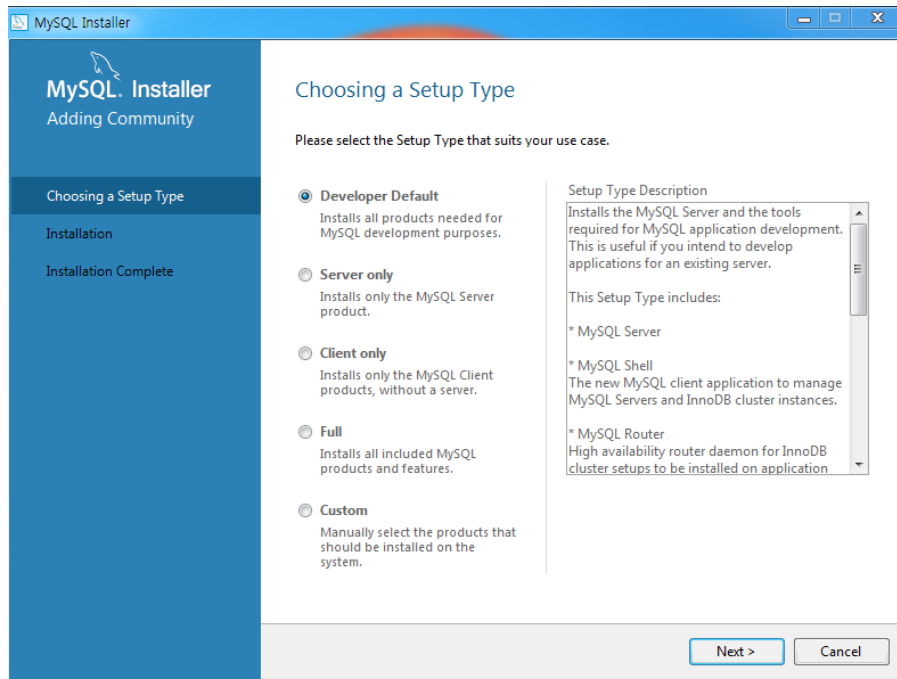
Sign Up »

for an Oracle Web account

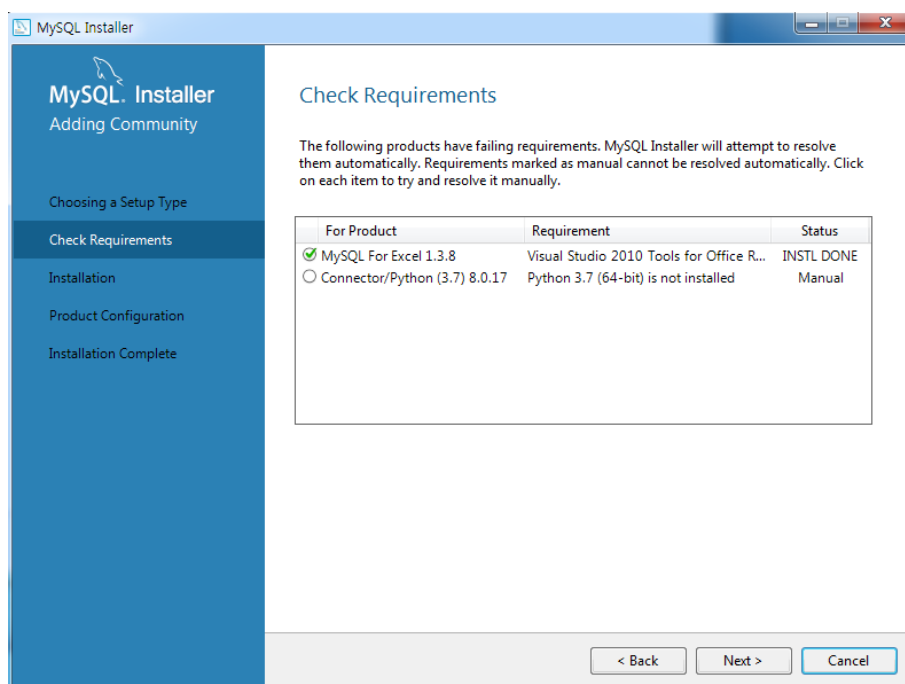
MySQL.com is using Oracle SSO for authentication. If you already have an Oracle Web account, click the Login link. Otherwise, you can sign up for a free account by clicking the Sign Up link and following the instructions.

No thanks, just start my download.

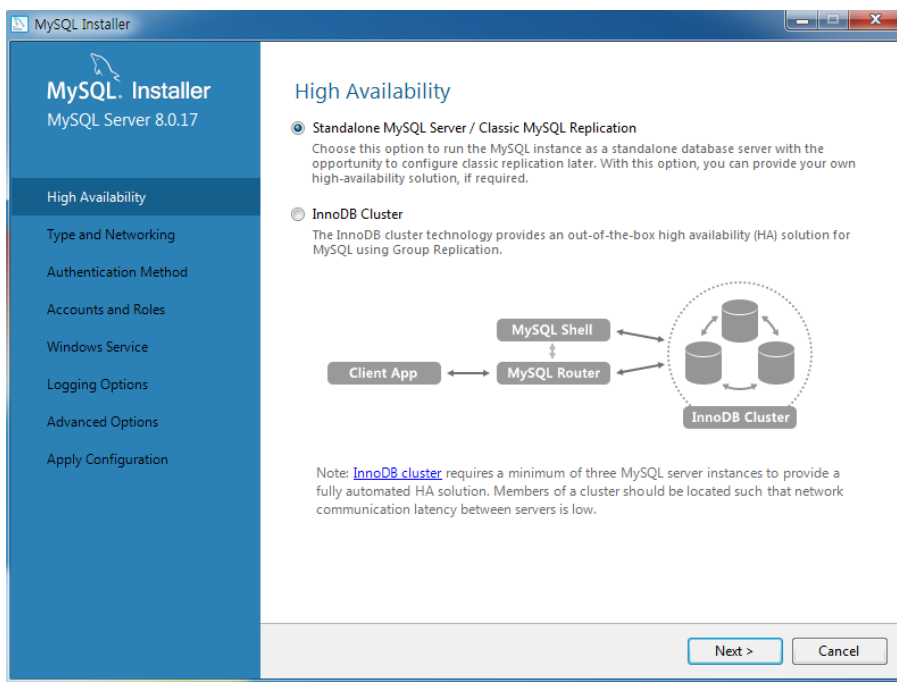
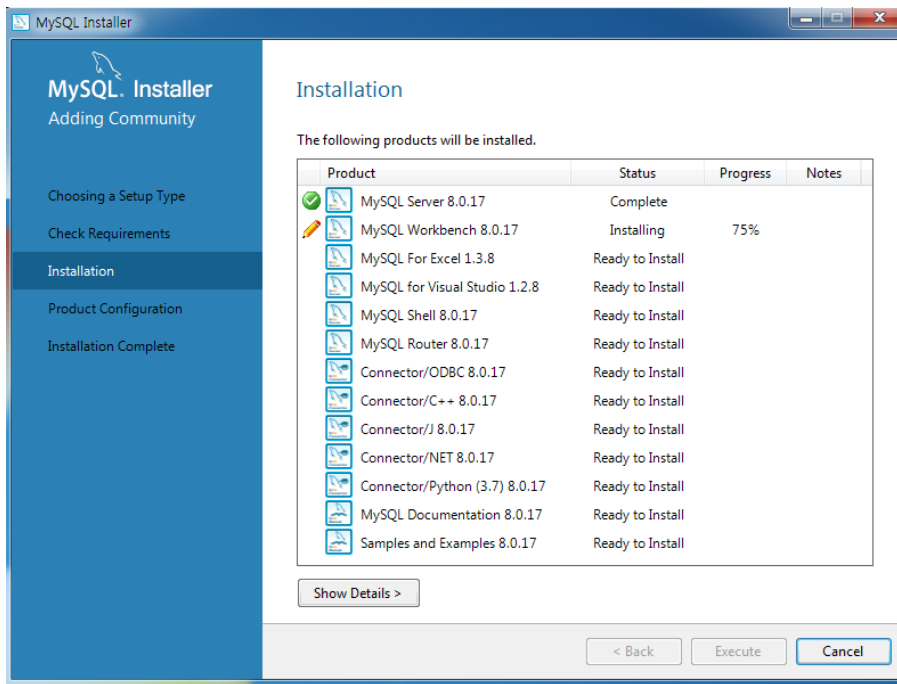
다운로드 된 installer file 클릭



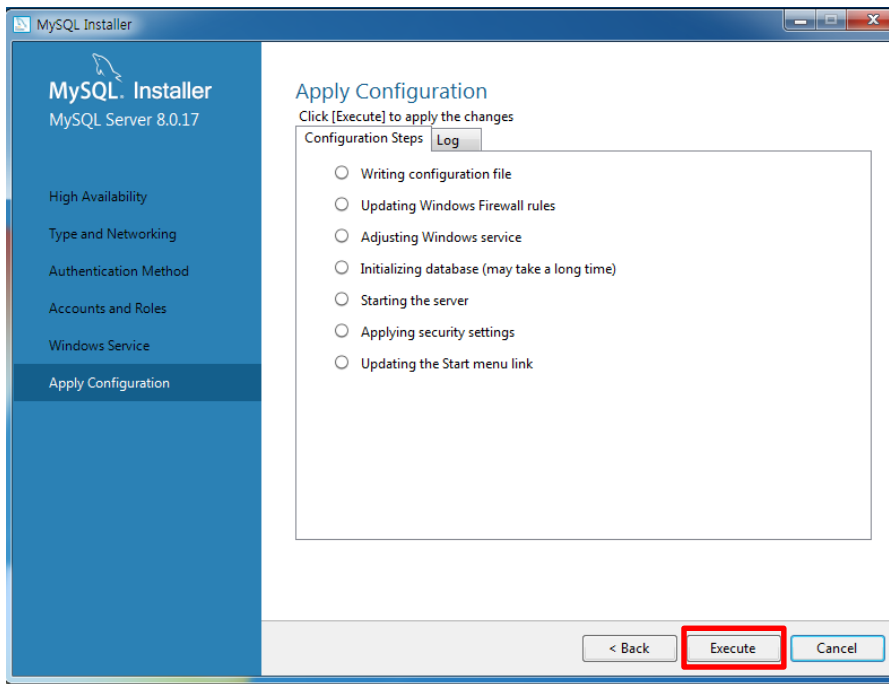
일반적으로 Developer default를 선택 (노트북 용량이 부족한 경우 sever only 선택, 뒷부분 참고)



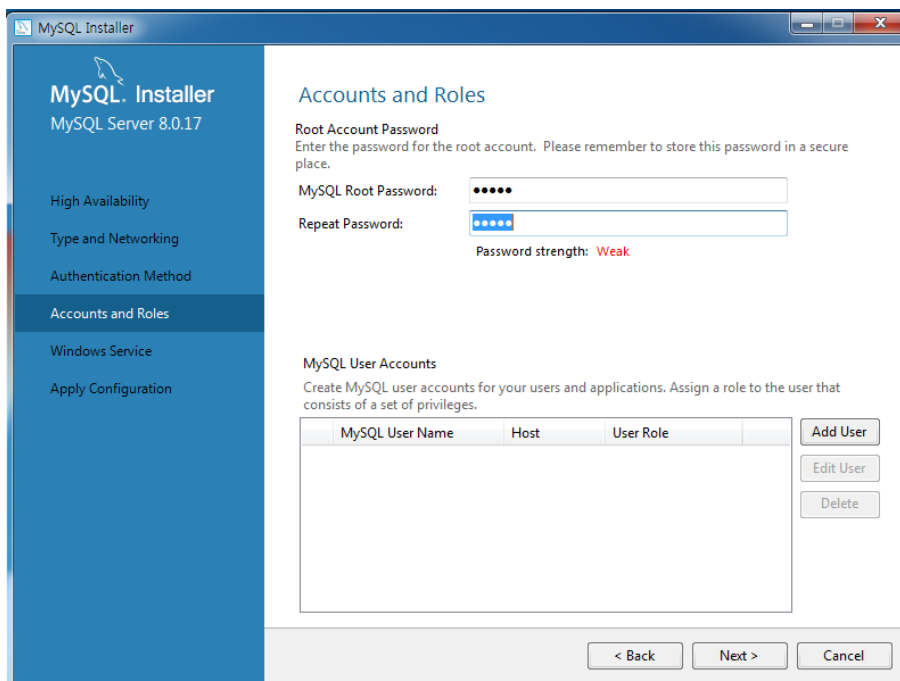
requirements에 부족한 프로그램이 발견되는 경우 execute로 해당 프로그램을 업데이트 하거나 next로 무시해도 무방



옵션에서 크게 바꿀 부분은 없고 next로 default 옵션 체크



Execute 클릭

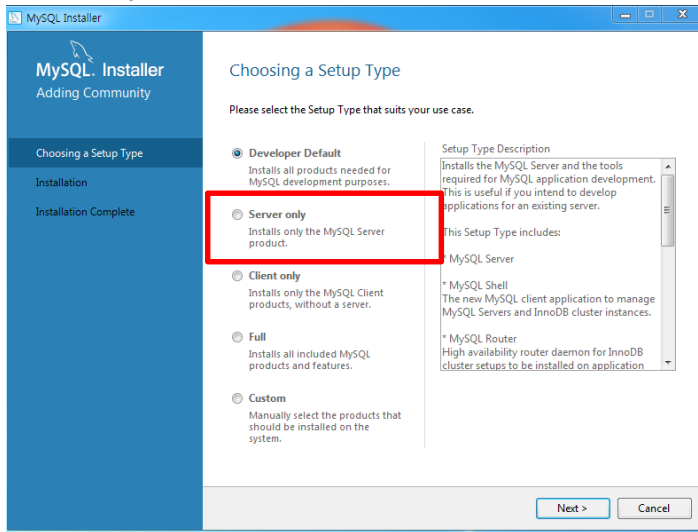


루트 패스워드는 12345 입력

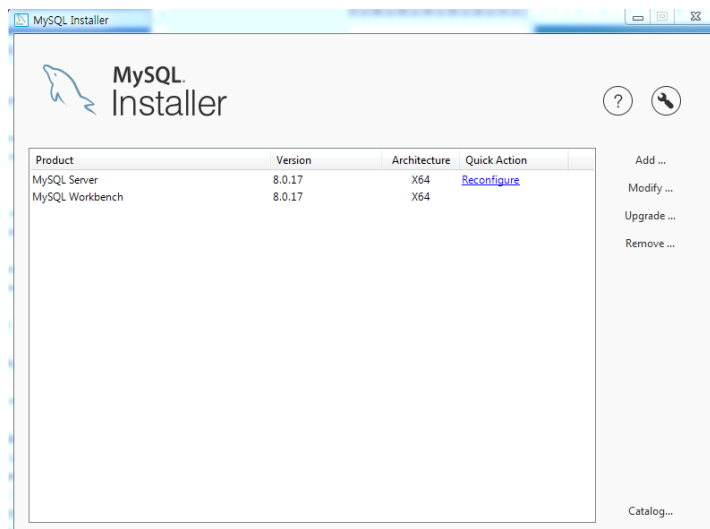
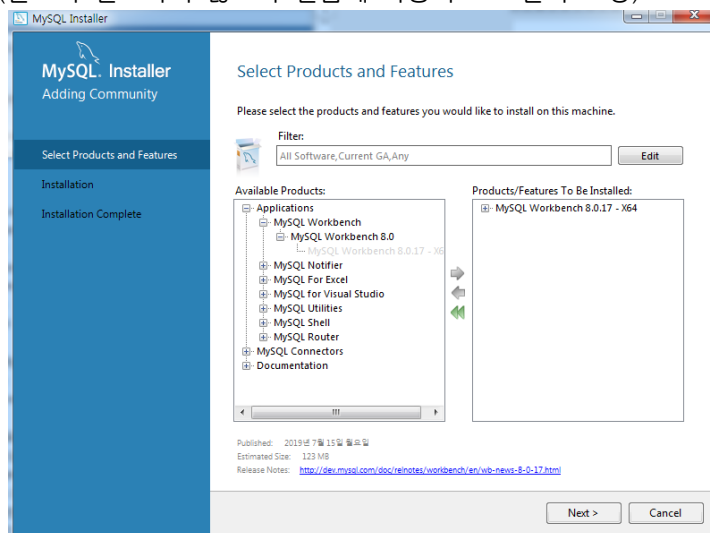
이후 next 눌러서 finish 나올때 까지 설치

## \*\* 랩탑 용량이 부족한 경우

Server only로 서버만 설치



후후 installer 다시 실행해서 add 버튼 눌러서 workbench 어플리케이션 설치  
(반드시 필요하지 않으나 실습때 사용하므로 설치 요망)



최종 설치 화면

## \*\* MacOS 의 경우

MySQL Community server 설치 후 workbench 등 필요한 SW만 설치

The screenshot shows the MySQL Community Server download page. The left sidebar lists various download options, with 'MySQL Community Server' selected. The main content area is titled 'Download MySQL Community Server' and provides information about the MySQL Community Edition. It includes links to online documentation and previous GA versions. A section titled 'Generally Available (GA) Releases' shows the 'MySQL Community Server 8.0.17' release. Below this, there is a table of available packages for macOS 10.14 (x86, 64-bit), including a DMG archive. The table lists the version (8.0.17), size (301.2M), and provides a download link. A note indicates that packages for Mojave (10.14) are compatible with High Sierra (10.13).

MySQL Community Server 8.0.17

Select Operating System: macOS

Looking for previous GA versions?

Important Platform Support Updates

Online Documentation:

- Installation Instructions, Documentation and Change History for the MySQL 8.0 Generally Available (GA) Release
- Installation Instructions, Documentation and Change History for the MySQL 5.7 Generally Available (GA) Release
- Installation Instructions, Documentation and Change History for the MySQL 5.6 Generally Available (GA) Release
- Installation Instructions, Documentation and Change History for the MySQL 5.5 Generally Available (GA) Release

Looking for previous GA versions?

- MySQL Community Server 5.7 »
- MySQL Community Server 5.6 »
- MySQL Community Server 5.5 »
- Archived versions »

Please report any bugs or inconsistencies you observe to our Bugs Database.  
Thank you for your support!

Generally Available (GA) Releases

MySQL Community Server 8.0.17

Select Operating System: macOS

Looking for previous GA versions?

Packages for Mojave (10.14) are compatible with High Sierra (10.13)

Package	Version	Size	Download
macOS 10.14 (x86, 64-bit), DMG Archive (mysql-8.0.17-macos10.14-x86_64.dmg)	8.0.17	301.2M	Download

MD5: 900086271c01f32d4368f87c0c51380a | Signature

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

### 3 확인

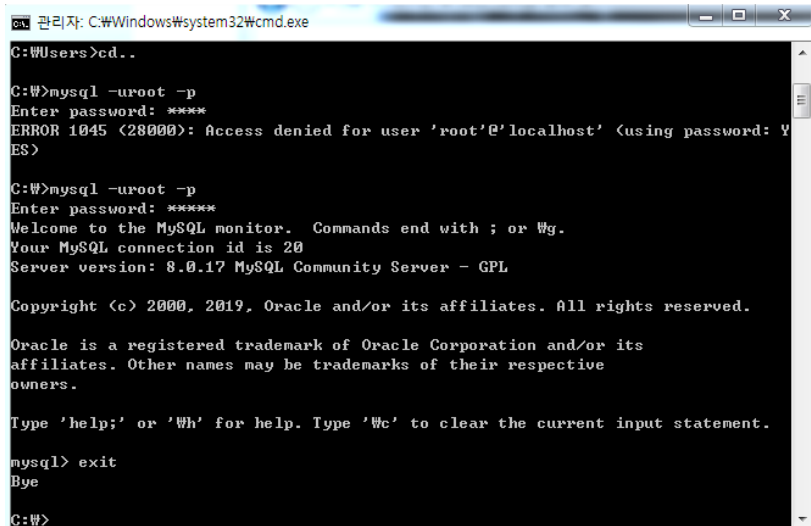
Case 1)

명령 프롬프트를 실행하고 다음의 명령을 입력:

C:\W> mysql -u root -p

Enter password: \*\*\*\*\* (12345 입력)

mysql> exit



```
관리자: C:\Windows\system32\cmd.exe
C:\WUsers>cd..
C:\W>mysql -uroot -p
Enter password: *****
ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: YES)
C:\W>mysql -uroot -p
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 20
Server version: 8.0.17 MySQL Community Server - GPL

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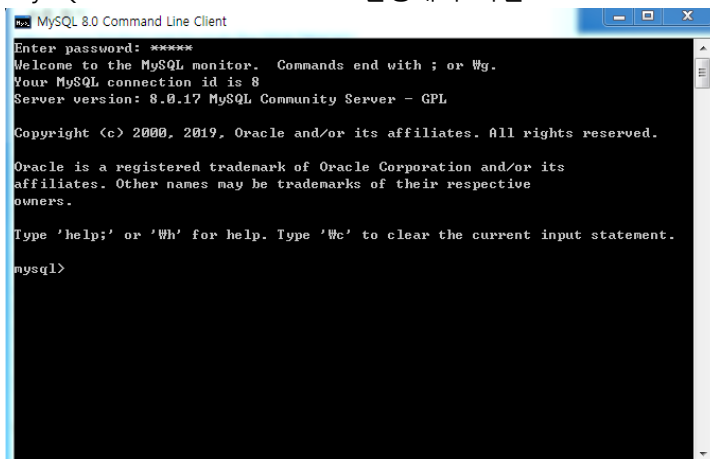
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affiliates. Other names may be trademarks of their respective
owners.

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

mysql> exit
Bye
C:\W>
```

case 2)

MySQL command line client 실행해서 확인



```
MySQL 8.0 Command Line Client
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.17 MySQL Community Server - GPL

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affiliates. Other names may be trademarks of their respective
owners.

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

mysql>
```



**NOTE:** 아래와 같이 오류 발생 시 시스템 변수에 서버 binary 폴더 추가

```
C:\관리자: C:\Windows\system32\cmd.exe
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>cd..
C:\Users>cd..
C:\Users>mysql -u root -p
'mysql'은(는) 내부 또는 외부 명령, 실행할 수 있는 프로그램, 또는
배치 파일이 아닙니다.
C:\Users>
```

제어판 -> 시스템 및 보안 -> 시스템 -> 고급 시스템 설정 ->고급 -> 환경 변수  
시스템 변수-> path에 C:\Program Files\MySQL\MySQL Server 8.0\bin 추가

