

## mySql 적용 방법

1<sup>st</sup> mySQL 8.0버전을 설치

<https://palkong.com/entry/MySQL-%EC%84%A4%EC%B9%98%ED%95%98%EA%B8%B0-8030-Version>

이때, Username = root / password = 1234로 설정할 것

2<sup>nd</sup> MySQL Workbench 8.0을 실행



3<sup>rd</sup> MySQL Connctions 글씨 옆의 +버튼 클릭

# Welcome to MySQL Workbench

MySQL Workbench is the official graphical user interface (GUI) tool for MySQL. It allows you to design, create and browse your database schemas, work with database objects and insert data as well as design and run SQL queries to work with stored data. You can also migrate schemas and data from other database vendors to your MySQL database.





[Browse Documentation >](#)

[Read the Blog >](#)

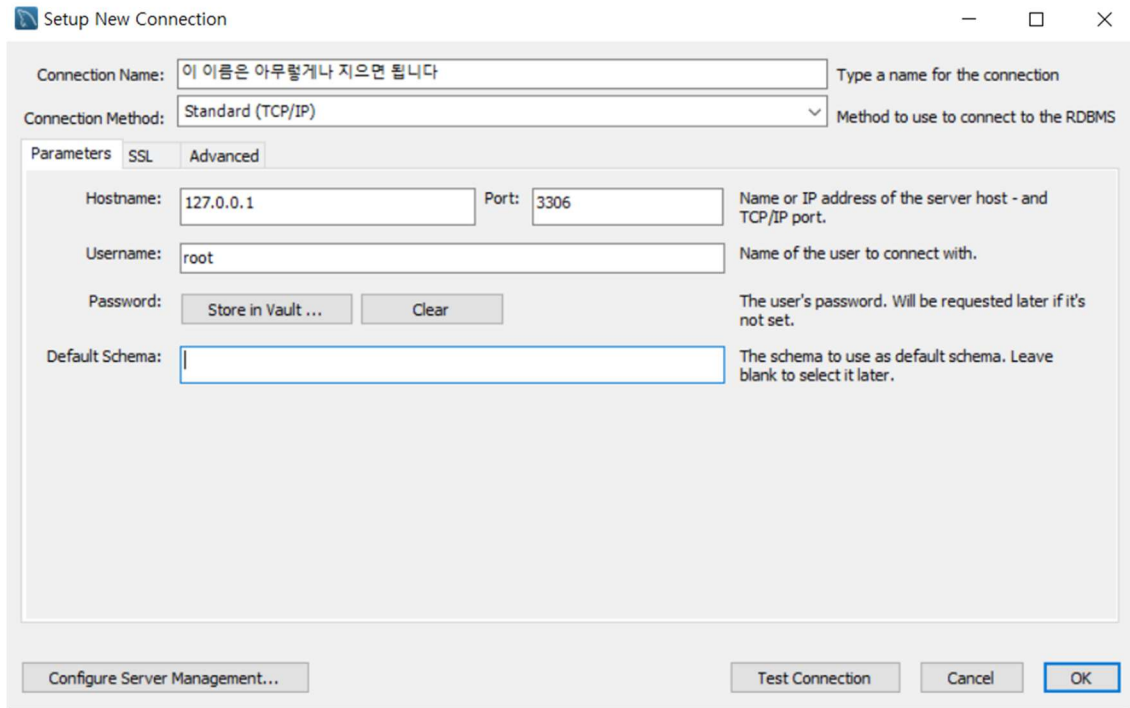
[Discuss on the Forums >](#)

### MySQL Connections



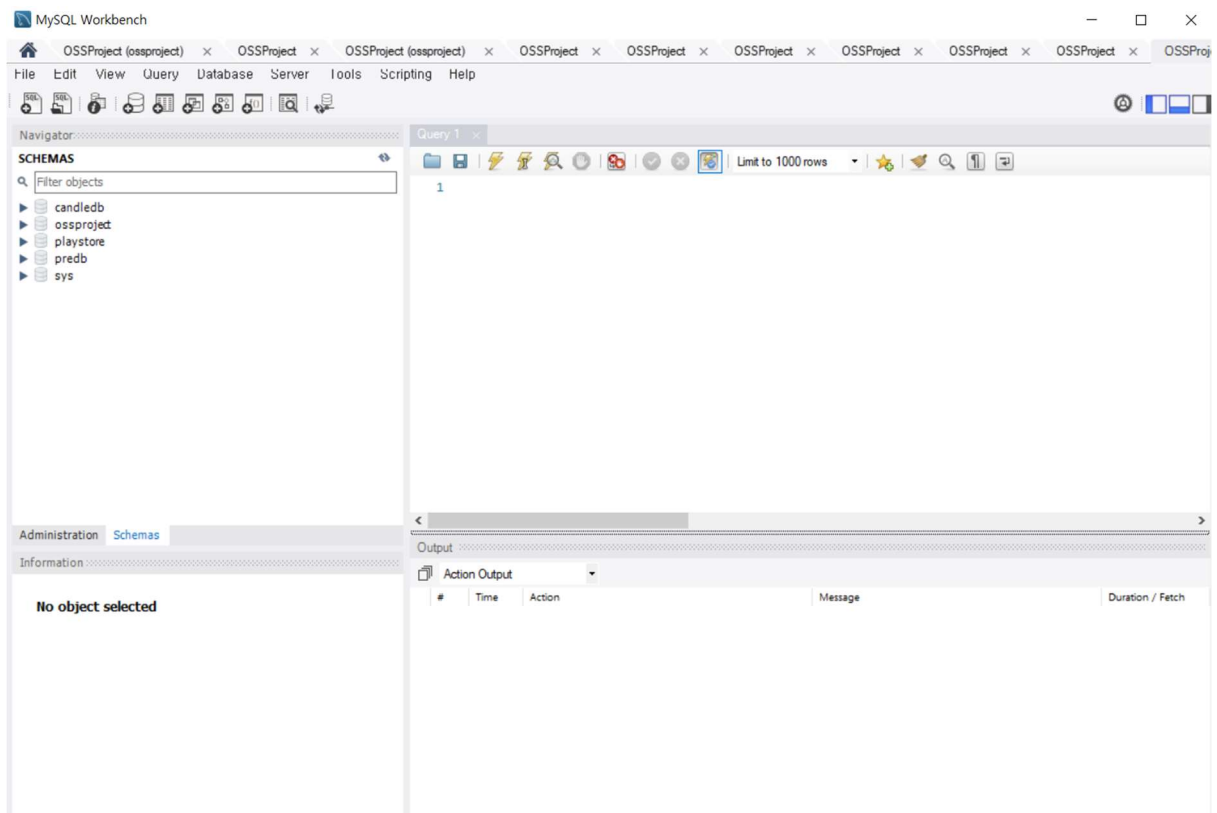
<b>SWProject</b>  root 127.0.0.1:3306	<b>WebProgramming</b>  wojin 127.0.0.1:3308	<b>plz</b>  root 127.0.0.1:8000	<b>OSSProject</b>  root 127.0.0.1:3306
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4<sup>th</sup> Connection 생성 – 이때, 포트번호가 3306이고, Username이 root인 것을 반드시 확인



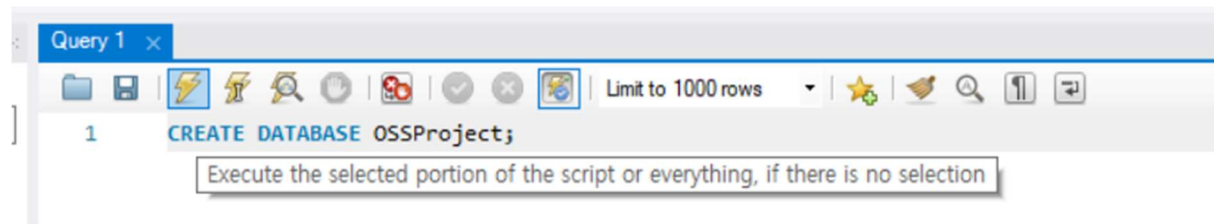
The image shows the 'Setup New Connection' dialog box in MySQL Workbench. The 'Connection Name' field contains the Korean text '이 이름은 아무렇게나 지으면 됩니다' (This name can be whatever you want). The 'Connection Method' is set to 'Standard (TCP/IP)'. The 'Parameters' tab is selected, showing the following fields: 'Hostname' is '127.0.0.1', 'Port' is '3306', 'Username' is 'root', and 'Password' is empty with buttons for 'Store in Vault ...' and 'Clear'. The 'Default Schema' field is also empty. To the right of these fields are descriptive labels: 'Name or IP address of the server host - and TCP/IP port.', 'Name of the user to connect with.', 'The user's password. Will be requested later if it's not set.', and 'The schema to use as default schema. Leave blank to select it later.' At the bottom, there are buttons for 'Configure Server Management...', 'Test Connection', 'Cancel', and 'OK'.

5<sup>th</sup> 생성된 connection을 더블클릭하고 비밀번호 입력후 진입



6th OSSProject DB 생성

아래의 명령어를 입력하고, 맨 왼쪽 번개 아이콘 클릭



여기까지 했으면 MySQL workbench에서 해줄 작업 완료

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Django 프로젝트 폴더로 이동

7th 기존에 Backend폴더 내에 있던 sqlite3 DB제거

8th 기존에 Backend폴더 내에 있는 .env파일 내용 수정

```
DATABASE_NAME=OSSProject
DATABASE_USER=root
DATABASE_PASSWORD=1234
DATABASE_HOST=localhost
DATABASE_PORT=3306
```

아래의 내용 추가

```
DEBUG=on

DATABASE_NAME=OSSProject
DATABASE_USER=root
DATABASE_PASSWORD=1234
DATABASE_HOST=localhost
DATABASE_PORT=3306

SECRET_KEY=django-insecure-)0^y2r@^=9!yas+4&y^l4uxiq6(cp871eo)3yr=lp3_73hw57o
```

9th 터미널 창에서 아래의 명령어 입력 ( 위치는 Backend폴더 )

python manage.py makemigrations

python manage.py migrate

python manage.py createsuperuser

```
PS C:\Users\장우진\Desktop\2023-1-OPPS1-AverageAge25\2023-1-OPPS1-AverageAge25-4\backend> python manage.py makemigrations
```

```
PS C:\Users\장우진\Desktop\2023-1-OPPS1-AverageAge25\2023-1-OPPS1-AverageAge25-4\backend> python manage.py migrate
```

```
PS C:\Users\장우진\Desktop\2023-1-OPPS1-AverageAge25\2023-1-OPPS1-AverageAge25-4\backend> python manage.py createsuperuser
Username: jang
Email address: dsf@sdfs.com
Password:
Password (again):
```

여기까지 왔으면 MySQL 연동이 성공적으로 완료

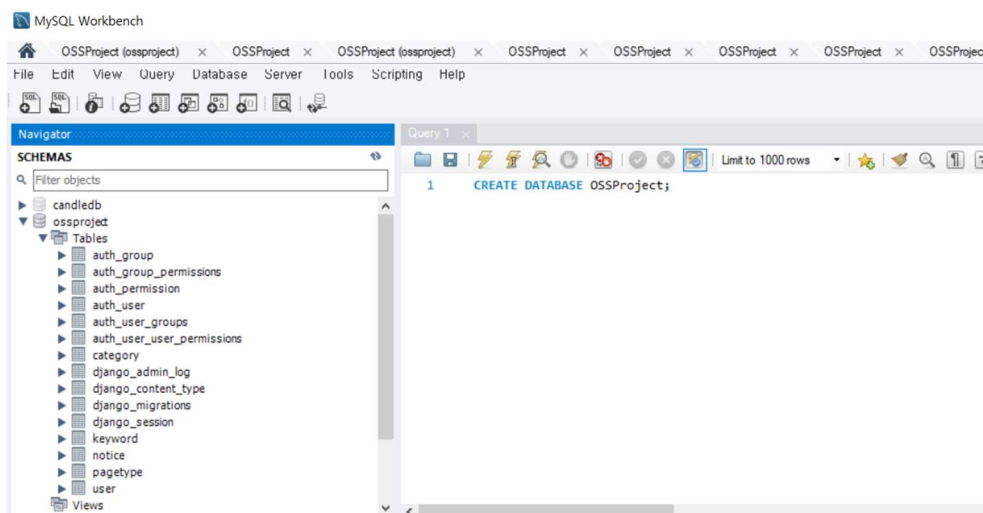
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지금까지 한 작업 확인하기 – MySQL workbench에서 확인

1st 아까 create database OSSProject;를 입력한 창의 왼쪽을 보면 ossproject DB가 생성된 것을 확인

(만약 안보이신다면 왼쪽위 Home버튼 눌러서 나갔다 다시 들어오면 있습니다)

Ossproject의 Table을 보면 여러 테이블이 생성된 것을 확인 가능



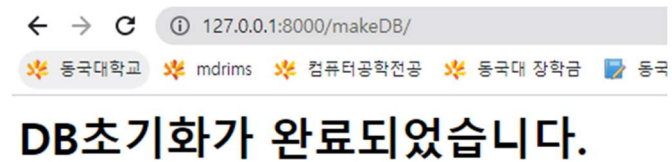
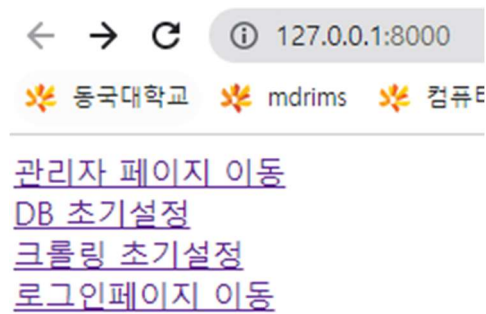
2nd 터미널 창에서 Django프로젝트 실행

Python manage.py runserver


```
PS C:\Users\장우진\Desktop\2023-1-OPPS1-AverageAge25\2023-1-OPPS1-AverageAge25-4\backend> python manage.py runserver
Watching for file changes with StatReloader
Performing system checks...

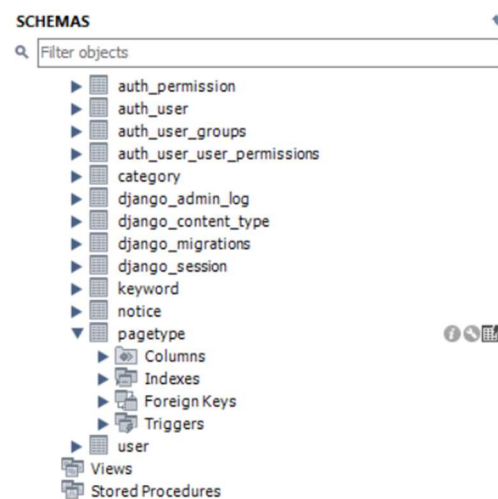
System check identified no issues (0 silenced).
May 19, 2023 - 01:51:15
Django version 4.1.6, using settings 'noticesProject.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
```

### 3rd DB초기화 진행



### 4th 다시 workbench로 돌아와서

 <- 보고싶은 테이블의 버튼을 클릭



ex) pagetype 테이블 내용 확인

