

MySQL

USER MANAGEMENT

List all users

```
> select user from mysql.user;
```

Create the user

```
> create user <username>@localhost identified by '<password>';  
> CREATE USER IF NOT EXISTS vissu@localhost IDENTIFIED BY 'vissu';
```

Switch to user

```
> system mysql -u vissu -p
```

Show current user

```
> select current_user ();  
> select user ();
```

List the existing privileges for the user

```
> show grants for <username>;  
> show grants for vissu;
```

Give privileges to a new user

```
> GRANT ALL PRIVILEGES ON * . * TO <username>@localhost;  
> GRANT CREATE, SELECT, INSERT ON * . * TO vissu@localhost;  
> GRANT ALL ON practice.* TO vissu@localhost;  
> GRANT SELECT, UPDATE, INSERT ON practice.* TO vissu@localhost;
```

Revoke privileges

```
> revoke all on practice.* from vissu@localhost;  
> revoke UPDATE, INSERT ON mystudentdb.* FROM vissu@localhost;
```

Flush all privileges

```
> Flush privileges;
```

Change user password

```
> set password for <username>@localhost = '<password>';  
> set password for vissu@localhost = 'vissu@6793';
```

Drop the user

```
> drop user <username>@localhost;  
> drop user vissu@localhost;  
> drop user vissu@localhost, temp@localhost;
```

DATABASE MANAGEMENT

List all databases

```
> show databases;
```

Creating the database

```
> create database practice;
```

Changing the database

```
> use practice;
```

Dropping the database

```
> drop database practice;
```

COPY Database

1. First create new database to copy.

> create database if not exists practice_copy;

2. Open Command Prompt and change the directory to the mysql installed location in your pc.

> cd C:\Program Files\MySQL\MySQL Server 8.0\bin

3. Now dump the database to a .sql extension file.

> mysqldump -u <username> -p <source database> > <output file path>

> mysqldump -u root -p practice > E:\practice.sql

4. Now load this data from .sql extension file to database.

> mysql -u <username> -p <destination database> < <input file path >

> mysql -u root -p practice_copy < E:\practice.sql

TABLE

Create a table

>