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:\practrice.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

>