SQL

- **How to create a MySQL database (imdb) from sql file (imbd.sql)?**
  - mysql> CREATE DATABASE imdb;   → It will create a database called "imdb"
  - mysql> USE imdb;
  - mysql> SOURCE /user/Downloads/SQL/imbd.sql; → It has to dump the "imdb.sql" data into the "imdb" database.

- **What are MySQL Server and MySQL databases?**
  - MySQL Server:
    - It is your computer or "local host" (/usr/local/sql-9….). MySQL server refers to the computer MySQL is running on or the MySQL application.
    - "MySQL Server" is a running MySQL database program, while a MySQL database is the data managed by a MySQL database program. To be pedantic, a single MySQL server can manage many local MySQL databases.)
  - MySQL database refers to an individual database that is running on a MySQL server. A single MySQL server may contain multiple MySQL databases.

Some Commands of SQL:

- *mysql -u root -p* → It is saying that you want to enter the database as a root user. Note: lower case letters will also work (use imdb). It is just a good habit as a programmer to use capital letters to specify that it is a SQL command.
- *USE imdb* → You want to use the "imdb" database for the work. Here the "USE" can be used to change the current database to another one like "*USE amazon*". Note: lower case letters will also work (use imdb). It is just a good habit as a programmer to use capital letters to specify that it is a SQL command.
- *control + L* → Clear the screen.
- *SHOW TABLES;* → Don't forget to use the semicolon at the end. Otherwise, it will wait for it by showing this sign "→". This command will show the "tables" present in "imdb" database.