Instruction of TP

1. Install one of the databases sever and one of the database client.
2. Start database server (no need to start Apache, the webserver).
3. Start database client and connect to the server. See the guide here
   https://www.youtube.com/watch?v=Z9TmbcGBvHk&t=18s
4. Create database
   You have to create a database for your TP by using the command:
   > CREATE DATABASE *database_name*;

   In the TP1, we will create database Sailor by executing this command:
   > **CREATE DATABASE** Sailor;

   If you do it correctly, you will see the database listed after running this command:
   > **SHOW DATABASES;**

5. Use database
   You have to tell the DBMS which database you would like to use. In this case, it would be the database Sailor. To tell which database you want to use type command:
   > USE *db_name;*
   > **USE** Sailor;

   Now you are using the database Sailor. You can create tables and insert data into tables.
   To see all tables in the current used database run this commend:
   > **SHOW CREATE TABLE** boat; *#see the create statement of table boat*
   > **SHOW TABLES;**

   Then you can retrieve data from the database by using SELECT statement. For example:
   > **SELECT * FROM** boat;

6. Commenting your query: use # for single line and /**/ for multiple line
   > *#SHOW TABLES;*
   > */*
   > *USE sailors;*
   > *SELECT * FROM boat;*
   > */*

7. Save your queries: use "Ctrl + s" to save query in text file. You can open the file and edit it using "Ctrl + Shift + o" for Workbench and "Ctrol + o" for Heidi SQL.
8. Use MySQL manual or Help:
   - Press F1 for Heidi SQL
   - Go to website https://dev.mysql.com/doc/refman/8.0/en/. Choose the manual for your server version. Then see chapter 13 SQL Statement Syntax for syntax of SQL commands.

   . Here is the meaning of brackets used in the syntax

   - {…|…|…} one of the items must be used.
   - [….] item inside is optional.
   - […|…|…] one of the items can be used (it is optional).