Exercise 2: SQL Fundamentals

In this exercise you will practice Basic SQL queries to retrieve data from a database.

1. Start by accessing your MySQL Workbench instance and connect to the MySQL Connection you created when installing MySQL.
2. Open the file `create_ecommerce_db.sql` provided in the HW2 and execute it (click the Thunder). This will generate a new schema (database) called ecommerce.
3. Open the file `data_dump.sql` provided in the HW2 and execute it. This will insert (dump) all the data needed for the exercise into the ecommerce database.
4. Open the file `hw2.sql` and follow the instructions there. Write each of the SQL queries below the question.
5. Once you have finished with the exercise, rename it as `hw2_name_surname.sql`.
6. Connect to the server from hw1 (IP: 54.246.165.23). Remember you can connect to a remote server by using the command `ssh` (`ssh <name_surname>@54.246.165.23`)
7. Create a folder in the server named `hw2`.
8. Copy the file `hw2_name_surname.sql` into the `hw2` folder in the server. In order to copy file from your computer to a remote server, you can use the command `scp` similarly to the way you do it in the same computer (Remember: `scp <path/to/the/file> <destination_path>`).

HINT: In this case, in order to send it to a remote server, you use the following from your computer:

`scp <path/to/the/file> name_surname@54.246.165.23:~/hw2/`

Observe that you could also do `scp <path/to/the/file> name_surname@54.246.165.23:/home/name_surname/hw2/` Remember that `~/` means "the user home folder".

Also, observe you can copy files from the server into your computer the same way, from your computer do `scp name_surname@54.246.165.23:/home/name_surname/path_to_file <destination_in_your_computer>`