LU07.S01 - Preparatory work

A: Creating the data schema

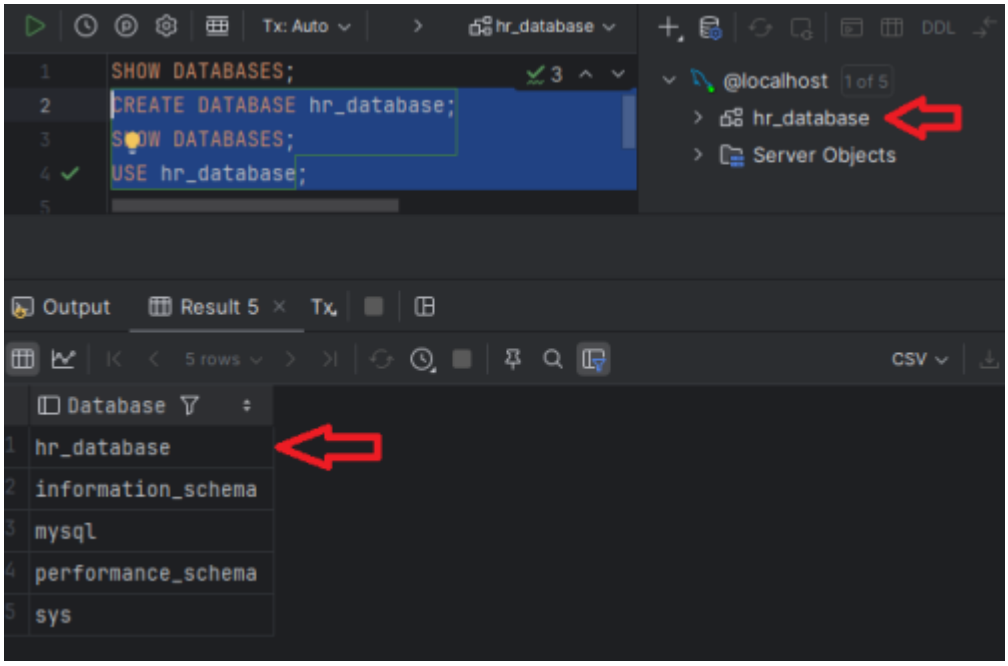
First of all we need a database schema (database workspace). Execute the following two lines on your MySQL installation.

```
CREATE DATABASE hr_database;
SHOW DATABASES;
USE hr_database;
```

After executing the three SQL commands above, the feedback from your database would look like in the image below:

Result in webstorm

Please note, that the table is actually empty, that means that a „SELECT COUNT(*) FROM employees“ leads to „0“ results.



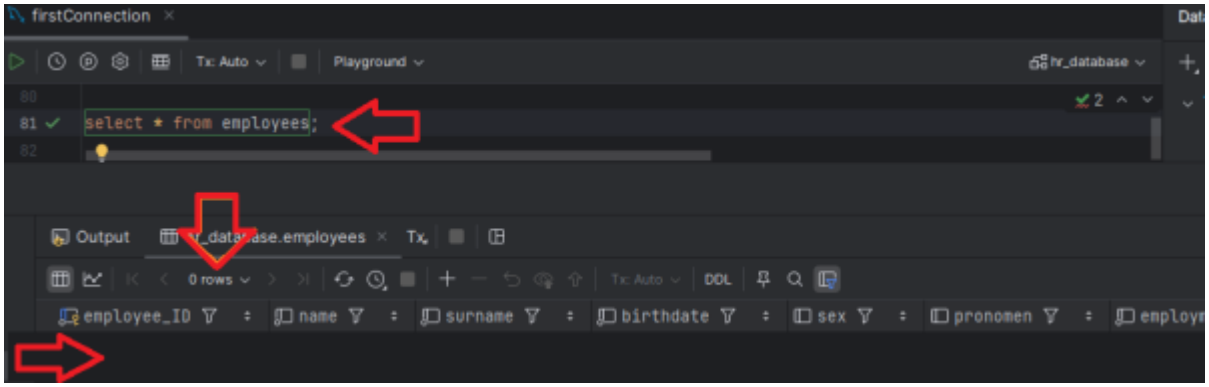
B: CREATE TABLE

To exercise the DML commands, we need a suitable table including a reasonable amout of data. The following SQL statement will create a table **employee** regarding all necessary attributes of an „average employee“.

```
CREATE TABLE EMPLOYEES (
  employee_ID INT PRIMARY KEY,       -- Employee ID as the primary key
  ....
```

Result in Webstorm

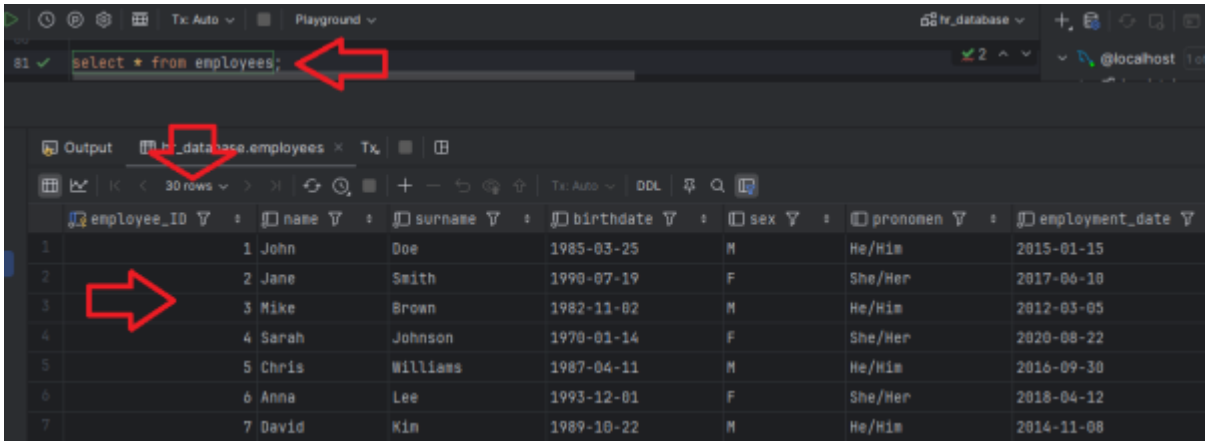
After creating the table „employees“ the result in our Webstorm ought to look like the figure above:



C: Inital data import

Regardless of which of the two methods (single sql or multiple sql) we actually use, the result should look like the following figure:

Result in Webstorm



Vocabulary

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