

# Homework

## Task 1

As there were some problems solving one task from the previous homework, I spitted it into smaller parts. Of course it was also possible to solve this task in another way. Therefore, this is just one possibility.

### Select most often practiced hobbies and list them dependent on students' nationality

1. Create a new table **hobbies** with four columns *id\_student*, *hobby1*, *hobby2*, *hobby3*
2. Copy all hobbies from **students\_16** into the new table **hobbies**. The result should be: The id of the student is stored in the column *id\_student* and each hobby has his own column
3. Count how often a hobby is stored and select the three most practiced hobbies
4. Now, just combine this information and list those three hobbies, the countries of the students practicing this hobbies, and the number of students that are practicing this tree hobbies relating to the country.

In general, it is much easier, when you just know how the result should look like. So maybe you can just draw the final table first, using a piece of paper.

## Task 2

List all hobbies and count the number of male and female students for each hobby.

**Please, submit the homework till 14<sup>th</sup> December 2016, 23:59 o'clock.**