FRANKFURT
UNIVERSITY
OF APPLIED SCIENCES

For the following exercises, you must use your zip table from exercise 1!

1. Select all data from your zip table!
   a. How many attributes do you have?
   b. How many datasets do you have?

2. Select for your colleague from the states all zip and city from zip. The new table should look like this format:

ZIP	CITY

   In ZIP he wants the zip_code and in city the city names!

3. Please do the following selection:
   a. Select all unique city from zip
   b. Select all unique city from zip sorting by zip ascending
   c. Select all unique city from zip sorting by city descending

4. How many **unique** cities do we have, which start with "BE…"

5. Select all cities where the zip is between 60000 AND 91234.
   a. Use once the operator BETWEEN
   b. and create a new query by using another operator

6. Select all zip (by using the IN operator) from the following cities:
      Berlin
      Frankfurt
      Aachen

   Do not wonder about the result … you will understand it in exercise 5

7. Select all 4 digits unique cities from zip where are in this format

      B**N

8. Execute the following queries:
   a. SELECT * FROM zip WHERE city LIKE 'B__N' AND zip_code < '30000' OR city = 'Dietzenbach';
   b. SELECT * FROM zip WHERE city LIKE 'B__N' AND (zip_code < '30000' OR city = 'Dietzenbach');

   Why do we get different results?