Using power_consumption database, for each of the following exercises, submit the sql query and the corresponding results. Make sure to deliver only the requested information!

**Exercise 1: Join variants (3 pts)**
Using one of the join variants, find unique city names where at least one of the city households doesn’t have a reading. Don’t use subquery.

**Exercise 2: Subqueries (2 pts)**
Use at least one subquery among other SQL techniques to find unique city names where at least one of the city households doesn’t have a reading.

**Exercise 3: Set Operators (2 pts)**
Find the complementary city set to the set of cities you found in the previous query. Give a different textual description of this set of cities.

**Exercise 4: Aggregation and Grouping (3 pts)**
Employ aggregation functions and grouping among other SQL techniques to answer the following requests:

- For each city (city name), what is the average household’s space
- For each city (city name), what is the average number of households per building

\[1\text{It should be only a single query that delivers the requested results!}\]