5: SQL: Advanced Constructs

- Points: **15**
- Assignment:
    - Create a **view**
        - Define a suitable view updateability level
    - Create an **index**
    - Create a **function**
        - Execute at least 1 *SELECT* and at least 1 *INSERT*, *UPDATE* or *DELETE* statement inside this function
    - Create a **trigger**
        - Do not use the previous function, implement a new one for the purpose of this trigger
- Requirements:
    - **Add comments describing the intended meaning of your database objects in a natural language**
    - Your SQL script must be **syntactically correct and executable** without errors, even repeatedly
    - Use *DROP VIEW | INDEX | FUNCTION | TRIGGER IF EXISTS* statements at the beginning of the script to **drop all the objects first**
    - You may modify your database schema (from the third assignment) if necessary
- Submission:
    - **/sql-schema.sql**: SQL script with the definition of your database schema (possibly altered, will not be assessed)
    - **/sql-script.sql**: SQL script with your advanced constructs