

T-202-GAG1: Exercise 06

Readings

Ramakrishnan & Gehrke: Chapter 16.

Preparation

Listen to the lectures and check the project code from 2016 distributed on Canvas. If you have not already done so, read the description for Project III.

The Assignment

Transactions can be very useful for testing database operations. Once you have started (begin) a transaction, you can insert, delete or update data, run any number of functions, and run any number of queries to check for your changes. Once you have done this, you can simply abort (rollback) the transaction, and all the changes will disappear, leaving the database as it was before your transaction started.

For this exercise, start writing a test script for Project III. When necessary, use transactions to temporarily make changes and then remove them.

Deliverables

For this exercise, you can work in groups of two or three, and we recommend working with your group for Project III.

Submit one file (.sql) containing the SQL code that you wrote for testing your Project III code.

Note that no official solution will be given for this exercise. Instead, we refer to the test code from 2016.

Additional Exercises

Work on Project III and/or Exercise 05.