**Lab work 9**

**Nested queries (University DB)**

**Goal:** to implement queries for the following tasks. Write only one query for every task; all queries should be implemented with at least one subquery (!). For this lab work use the University database from the handouts (\*.sql + ER diagram).

**Tasks:**

1. Show last names of all students whose major is called CSSE.
2. Show the identifiers of all students whose "final" grade is greater than the average "final" grade of all students.
3. Show last names of all the teachers who work in departments CSSE&T and IS.
4. If at least one student has an "exam" grade below 50%, show a list of the last names of all university students with their "exam" grades (i.e. all students with any grades).
5. Show the last names of all students whose last names are longer than the last names of all teachers.

**Upload:** a report (\*.doc or \*.pdf) with SQL scripts and screenshots for every task as a result of your work.

**Materials for the lab work:**

Lecture 11;

[www.postgresql.org/docs/manuals/](http://www.postgresql.org/docs/manuals/)