

1. Assignment 2 - SQL: indexing and query evaluation

1. Consider the database of Assignment 1, and define a second database containing the same data but a different schema obtained from the original schema by adding (or deleting) primary keys and indices, in order to solve item 2 below.
2. Write at least 3 or 4 SQL queries such that the evaluation of such queries on the new database is significantly faster than the evaluation of such queries on the old database, and for every such query, provide an explanation of why the execution times are different in the two databases.

The work can be done by the same student groups who presented the first homework assignment on March 23.

The presentation of the work done will consist of a very short (at most 5 minutes) session in which the student(s) will show the work done by directly interacting with the relational DBMS on her/his/their own laptop.

Such presentations will take place during the lecture of **April 27, 2016**.