

Lab 3 Requirements

1. Design and implement a database for Classical SM, the classical radio station at Euphoric State University. The database should contain all the information given in List 1 and List 2. It should also fulfill the following requirements:
 - The radio station wants to have its own (easier) catalog numbers for the CDs
 - One CD can include several of Bach's works but on the other hand "The Art of the Fugue" is recorded on 2 CDs with 2 catalog numbers. The 'Cello Suites and Christmas Cantata are both also recorded on 2 CDs but with one catalog number. How should one deal with this?
2. Create SQL-queries for the questions:
 - list all the **harpsichord** pieces in the library
 - list all available concertos (composition names that contains the word 'concert')
 - list all CDs with a recording of BWV 780, together with artists' names and CD titles
 - list all the Glenn Gould recordings
 - how many recordings in the library are of the same piece?
 - show compositions with Al Fine's favorite key (F# minor)

To submit

See the documentation template

Requirements for approval

All SQL queries should be tested by a supervisor before submission.

To pass the lab:

- All your base tables should be in BCNF (If you don't have a very good reason why they shouldn't).
- All fields should have appropriate data types
- All keys (candidate, primary, and foreign) should be implemented.
- The results of the queries must be correct
- Your written report is correct and complete.