

Introduction to Database Systems

Project Deliverables

Groups

- 3 people
- Inform us on Moodle about your group members by 4th of March
- Then we will create accounts on the Oracle server and give you access details

Dataset topic: Olympic games

- Summer and winter games
- Participants
- Medalists
- Different sports and disciplines

- Data is in the csv format, mostly with text fields
- You might want to transform some fields

Part 1: ER modelling

- Due date: 24th of March
- Upload a project pdf which describes:
 - ER model
 - Relational schema and constraints
 - SQL DDL statements which create the database in Oracle RDBMS

Part 2: Data import and basic SQL

- Due date: 21st of April
- Extend the project pdf with info about:
 - Data import
 - Simple queries
 - Simple interface for data import and querying

Part 3: Interesting SQL queries

- Due date: 2nd of June
- Extend the project pdf with:
 - Complex queries and their performance
 - Physical design choices
 - Interface for complex queries

Presentations

- At the end of semester
- Before class: send us project reports
- In class:
 - Prepare 5 minute overview of your project
 - Demo your application for us
 - Answer a few questions about the application and the report
 - All team members should participate!