

T1 – Recap

Agenda



1. Reviewing course material
2. Exam information
 - I. Mock exam
 - II. HS Exam – Q&A
3. Wooclap
 - I. Various topics W1-5
 - II. Does NOT count towards the assessment (!)
4. Q&A

1. Reviewing the material

Week 1

- Introductory concepts: tables, attributes, entities, DB, DBMS, etc.
- Normalization
- Primary and foreign keys + properties
- ERD

Week 2

- Basic principles of retrieving data from a single table (!)
- SELECT ... FROM ... WHERE
- ORDER BY – sorting data by attribute
- Pagination – FETCH statement

1. Reviewing the material

Week 3

- Text functions: Position, substring, length, upper, lower, initcap
- Data type formatting: to_char, to_number, to_date
- Numeric functions: round, trunc, mod
- Date functions: date_part, date_trunc, current_date

Week 4

- Retrieving data from multiple tables – joins, non-equi joins
- Data from 2 identical tables (!) = selfjoin

1. Reviewing the material

Week 5

- Analytical functions: sum, count, max, min, avg
- Group by – grouping records based on attribute(s)
- Having – limiting results in combination with group by
- Outer join – show ALL records from one or more tables in the result – create null lines if there is no match

2. Mock exam

DB Booking

3 open questions

Solving without IDE

