

EDABA – lab1

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CONSULTATIONS:

WEDNESDAY 13.15-14.00, ROOM 301



Schedule

Group Laboratory 103

- ❖ lab 1 - 20 October,
- ❖ lab 2 - 3 November,
- ❖ lab 3 - 24 November,
- ❖ lab 4 – 8 December,
- ❖ lab 5 – 12 January,
- ❖ lab 6 - 26 January

Group Laboratory 104

- ❖ lab 1 - 27 October,
- ❖ lab 2 - 10 November,
- ❖ lab 3 - 17 November,
- ❖ lab 4 – 1 December,
- ❖ lab 5 – 15 December,
- ❖ lab 6 - 19 January,

Regulations

The grade scale: 2 (min) -5 (max)

The grade is given based on the sum of points for the laboratory tasks.

5 > 90%

4,5 > 80%

4 > 70%

3,5 > 60%

3 > 50%

There are three tasks:

1. Design and implementation of a database, labs 1-3, 30 points
2. SQL queries, labs 4-5, 20 points,
3. Oracle objects (stored procedures) lab 6, 10 points,

Attendance: only one absence is allowed

Accounts and tools

Account on galera server:

In the email

- from Zbigniew Szymański (zbigniew.szymanski@pw.edu.pl)
- With title: **“Your account on galera.ii.pw.edu.pl server”**
- sent on 12.10.2022 or earlier (in the previous semesters)

DBMS: ORACLE, <https://www.oracle.com/database>

- Instruction: http://galera.ii.pw.edu.pl/oracle_en/

Tool: SQL Developer, <https://www.oracle.com/pl/database/sqldeveloper/>

Workstation: Linux system, please logout after laboratory classes and **do not** switch computer off.

Materials

- tutorials: http://staff.ii.pw.edu.pl/~rbembeni/EDABA_tutorials.html
- laboratory: <http://staff.ii.pw.edu.pl/~rbembeni/EDABA.html>

Task 1 - Design and implementation of database

1. Textual description of a database

aim, objects, requirements concerning data

2. ER – diagram

text description of entities and relations

3. Relational schema

description of a way of mapping an ER–diagram into a relational schema

4. DDL script

creating database in Oracle DBMS