LU05.A03 - SQL-DQL: Selects with Aggregate Functions

Requirements

- Work type: individual
- Timeframe: 30 Minutes
- Means of aid:
  - only teaching materials, no websearch, no use of ai.
  - W3Schools | SQL Editor
- Expected result: Semantically and syntactically correct SQL statements according to the requirements of the case studies.

Case studies / Assignments

The following ERD describes a order database for a a shop.

Assignments

The general assignment is to develop DQL commands that matches the requirements below:

A: MIN

We want to know which of our products is actually the most expensive.

B: MAX

What is the lowest price for the products of the supplier with id = 12?

C: AVG

What is the average price for products of supplier 3?

D: COUNT

How many orders do we currently have in our data-base system from the customer with id = 5?

E: SUM

What is the worth of the order 10255? Please note, that there are two tables involved in this select statement.

F: GROUP BY

For our anual report we need list of the orders, and the value of each, grouped by the OrderID.

Solution

[Lösung]

Vocabulary

English	German
…	…