## LU02.S01 - Answers: DBS, DBMS and DB

- 1. TRUE or FASLE: DBMS = DBS and DB?
  - FALSE, the second equation is correctc: DBS = DBMS and DB!
- 2. TRUE or FASLE: DBS = DBMS and DB!
  - TRUE.
  - A database system such as Oralce or MySQL consists of the data, stored in tables, and the database management system, that manages the data.
- 3. What is the purpose of the DBMS? Give an example.
  - The DBMS is a piece of software that manages the data.
  - It consists of pre-preogrammed functions, that help managing the data.
  - Without the DBMS companies such as Zalando or Digitech would no be able to store goods or deliver them to their customers.
- 4. What is stored in the DB? How it is stored? Give an example?
  - In databases basicly the data is stored in tables that are linked to each other.
  - This is done to avoid unintentional redundancies within the database.
  - Each table (entity type: e.g. persons) is composed of columns (attributes: e.g. name, birthdate) and rows (entities: e.g. Max Müller, 12.11.1989)

## **Vocabulary**

| English      | German          |
|--------------|-----------------|
| respectively | beziehungsweise |
| attribute    | Eigenschaft     |
| entity type  | Einheiten Typ   |
| entity       | Einheit, Wesen  |



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