

LU02.S01 - Answers: DBS, DBMS and DB

1. TRUE or FALSE: DBMS = DBS and DB?

- **FALSE**, the second equation is correct: **DBS = DBMS and DB!**

2. TRUE or FALSE: DBS = DBMS and DB!

- **TRUE.**
- **A database system such as Oracle 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-programmed functions, that help managing the data.**
- **Without the DBMS companies such as Zalando or Digitech would not 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 basically 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



Volkan Demir

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