

# LU02.L02 - Answers: CRUD and SQL

1. Explain what is behind the so-called CRUD operations and add an example.

- CRUD is an acronym for Create, Read, Update, and Delete and represents the four fundamental operations for managing data in a database.
- CRUD is a conceptual framework.
- It outlines the basic operations for data management but doesn't specify how these operations are implemented.

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2. What does the acronym SQL stand for?

1. Structured Query Language
2. Standard Query Language
3. Simple Quarrel Language

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3. Which of the following statements about CRUD and SQL is **NOT** correct?

1. The CRUD approach is a prerequisite for all types of dynamic web applications.
2. CRUD is realised in databases by SQL -statements, e.g. SELECT, CREATE, UPDATE and DELETE.
3. The CRUD approach groups SQL-operations logically.
4. **CRUD is an alternative to SQL and has to be applied, if we want to build stable web pages.**

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4. Which of the following SQL subtypes does **not** exist? Explain the meaning of the other terms.

1. DCL = Data Control Language
2. DML = Data Manipulation Language
3. **DXL**
4. DDL = Data Definition Language
5. DQL = Data Query Language

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## Vocabulary

English	German
conceptual	abstrakt, konzeptionell
to outline	skizzieren, zusammenfassen
to implement	anwenden
query	Anfrage
quarrel	Streit, Zank

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