

LU03.L01 - Choose data-types

Task a) Choose datatypes

Which datatype would you use to store the following information? Give reason for your decision.

- product-title like trousers up to 50 characters:
 - `VARCHAR(50)`
 - Titles can be at the most 50 characters. A fix length makes not sense. *
- product-description up to 255 characters: *
 - `VARCHAR(255)`
 - The description can be 255 characters, but can also be shorter. A fix length does not make sense in that case.
- stock amount:
 - `INT` or `INTEGER`
 - Floating point type is not suitable as pieces are always counted in whole numbers.
- price of each piece:
 - `FLOAT(5,2)` or `DECIMAL(5,2)`
 - Prices have floating point
 - The length of (5,2) should be sufficient enough as trousers are usually within a price ranger of 0.99 to 999.99.
- order date:
 - `DATETIME` or `TIMESTAMP` *
 - The type depends on whether we want to safe only the date, but also the time. *
 - Important is, that the in this case the storage of the current time. *
 - date of delivery: *
 - whether organical or not: *
 - `BOOLEAN`
 - As there a only two posibilites to store a boolan data-type is the correct data-type. *
 - usage category with only one character: *
 - As long as there is only one character to be stored the `CHAR`-type will work.
 - Technically the `CHAR`-types allows all letters, digits (as letters) and special characters.

Solution

[Lösung](#)

Vocabulary

English	German
respectively	beziehungsweise



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