

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 in that case.
- 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



Volkan Demir

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