

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: * <color #ed1c24>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 * <color #ed1c24>The type depends on whether we want to safe only the date, but also the time. * <color #ed1c24>Important is, that the in this case the storage of the current time. * <color #ed1c24>date of delivery: * whether organisational or not: * <color #ed1c24>BOOLEAN
 - As there are only two possibilities to store a boolean data-type is the correct data-type. * usage category with only one character: * <color #ed1c24>As long as there is only one character to be stored the CHAR-type will work.
 - Technically the CHAR-type allows all letters, digits (as letters) and special characters.

Solution

Lösung

Vocabulary

English	German
respectively	beziehungsweise



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