

# LU06.A02 - SQL-DDL: Table Management

## Requirements

- Work type: Individual
- Timeframe: 20 Minutes
- Means of aid:
  - Only teaching materials, no websearch, no use of ai.
  - Webstorm including MySQL
- Expected result: Semantically and syntactically correct SQL statements according to the requirements of the case studies.

## Case studies / Assignments

Here are six tasks related to MySQL table management, covering CREATE TABLE, ALTER TABLE, and DROP TABLE commands. Have fun 😎

### Task A: CREATE TABLE

Create a table called employees with the following columns:

- employee\_id (INT) as the primary key
- first\_name (VARCHAR 50)
- last\_name (VARCHAR 50)
- hire\_date (DATE)
- salary (DECIMAL)

### Task B: CREATE TABLE

Create a table called products to store inventory information. The table should have:

- product\_id (INT) as an auto-incrementing primary key.
- product\_name (VARCHAR 100).
- category (VARCHAR 50).
- price (DECIMAL).
- stock\_quantity (INT).

### Task C: ALTER TABLE

Add a new column email (VARCHAR 100) to the employees table.

## TASK D: MODIFY COLUMN

Change the salary column's data type to FLOAT in the employees table.

## TASK E: DROP COLUMN

Remove the stock\_quantity column from the products table.

## TASK F: DROP TABLE

Completely remove the orders table from the database.

## Solution

[Lösung](#)

## Vocabulary

English	German
...	...
...	...



Volkan Demir

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