

# LU06b - SQL-DDL: Table Management

## Source:

- [CREATE TABLE](#)
- [ALTER TABLE](#)
- [DROP TABLE](#)

## Learning Objectives

In this learning unit, we will learn how to manage database tables, i.e. how to create, modify and delete database tables.

Let's start by creating a table based on the ERD of the student management tool, as shown below:

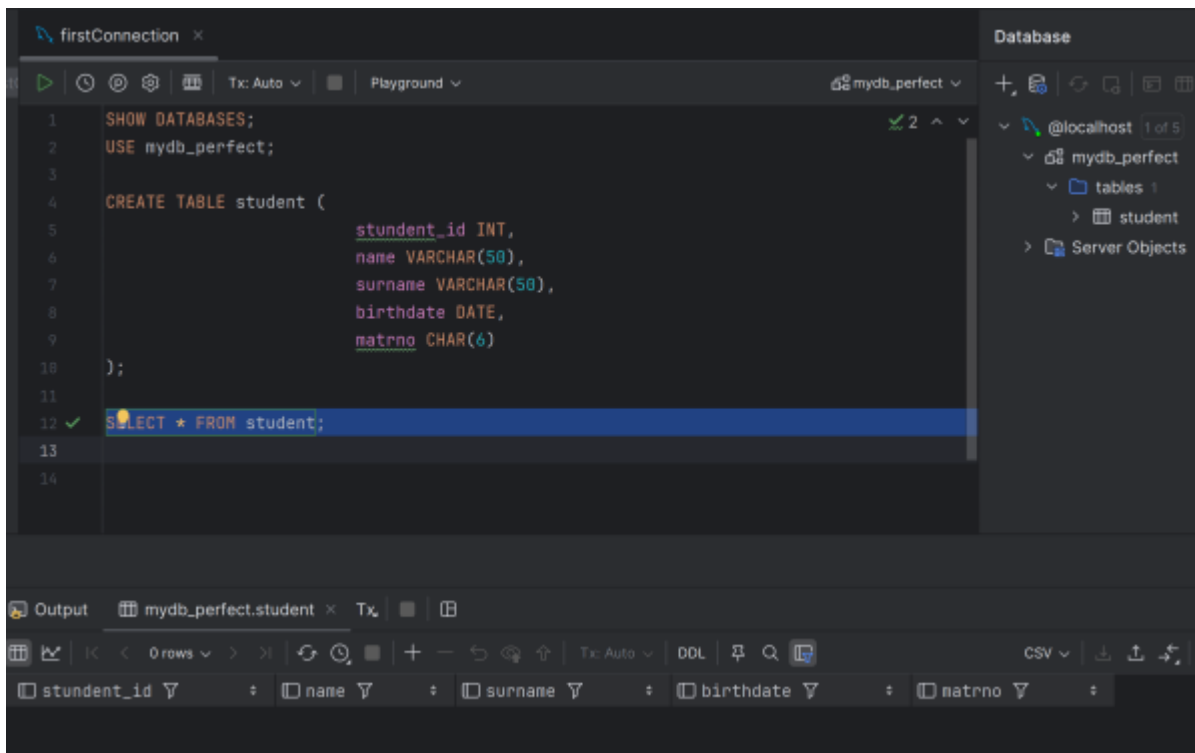
Our goal is to create the table „student“ on our database. For that we need to know how the basic syntax for creating table is.

```
CREATE TABLE table_name (  
    column1 datatype,  
    column2 datatype,  
    column3 datatype,  
    ....  
);
```

In our example the our concrete CREATE statement would look like:

```
CREATE TABLE student (  
    student_id INT,  
    name VARCHAR(50),  
    surname VARCHAR(50),  
    birthdate DATE,  
    matrno CHAR(6)  
);
```

After executing the DDL create statement, the result would look like the following figure.



### Hints:

- On the right upper side you can see, that the table „student“ has actually been created.
- After a select on this table, we can see that the table does not yet contain any data.
- It's not a big deal so far, is it? 😎

### Vocabulary

English	Deutsch
	...



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