

LU07.A04 - DELETE

Requirements

- Work type: Individual
- Timeframe: 15 Minutes
- Means of aid:
 - Only teaching materials, no websearch, no use of ai.
- Expected Result: Specific employees are deleted from the table 'employees'

Assignments

After selecting data in assignment A1 and updating it in A2, it is about time to turn to how to delete data from the table.

A: Delete on one row

Sarah Johnson has left the company and is therefore to be deleted from the table. Formulate the according DML DELETE statement.

```
DELETE FROM employees  
WHERE name = 'Sarah'  
AND surname = 'Johnson';
```

Alternatively, the commands is likewise possible with using the employee_id.

```
DELETE FROM employees  
WHERE employee_id = 4;
```

The screenshot shows a SQL playground interface. The top panel contains two SQL statements:

```
94 DELETE FROM employees -- Version 1
95 WHERE name = 'Sarah'
96 AND surname = 'Johnson';
97
98 DELETE FROM employees -- Version 2
99 WHERE employee_id = 4;
100
101 ✓ select * FROM employees;
```

A red arrow points to the first DELETE statement. The bottom panel shows the output of the second statement, displaying a table with 6 rows and 6 columns: employee_ID, name, surname, birthdate, sex, and pronomen.

employee_ID	name	surname	birthdate	sex	pronomen
1	John	Doe	1985-03-25		He/Him
2	Jane	Smith	1990-07-19		She/Her
3	Mike	Brown	1982-11-02		He/Him
4	Chris	Williams	1987-04-11		He/Him
5	Anna	Lee	1993-12-01		She/Her
6	David	Kim	1989-10-22		He/Him

A red arrow points to the row with employee_ID 3.

B: Delete on multiple rows

It is common, that we retire when reaching a certain age. Remove all date from individuals who are older than 60 from the employees table.

Hint: Before performing the deletion, make sure that you got the right resultset.

```
SELECT * FROM employees WHERE birthdate > '1994-00-00';
```

Solution

[Lösung](#)

Vocabulary

English	German
be about time	ist höchste Zeit
subsequently	



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