```
LU08.A04 - DELETE
```

# Requirements

- Work type: Individual
- Timeframe: 15 Minutes
- Means of aid:
  - $\circ\,$  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 of 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;

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▷ S O S I II Tx: Auto ~ Playground ~									
94 95 96 97	95 WHERE name = 'Sarah' 96 AND surname = 'Johnson';								
98 99 100	<pre>99 WHERE employee_id = 4;</pre>								
101 🗸									
109									
Output									
🕠 етр	ployee_ID ⊽ ÷	囗name 🏹 🕴	ʃ]surname 🏹 🏼 🕯	🎵 birthdate 🏹 🗧	🗆 sex 🏹 🔅	🗆 pronomen 🏹			
1	1	John	Doe	1985-03-25		He/Him			
2	2	Jane	Smith	1990-07-19		She/Her			
3	3	Mike	Brown	1982-11-02		He/Him			
4		Chris	Williams	1987-04-11		He/Him			
5		Anna	Lee	1993-12-81		She/Her			
6		David	Kim	1989-10-22		He/Him			

#### **B:** Delete of 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.

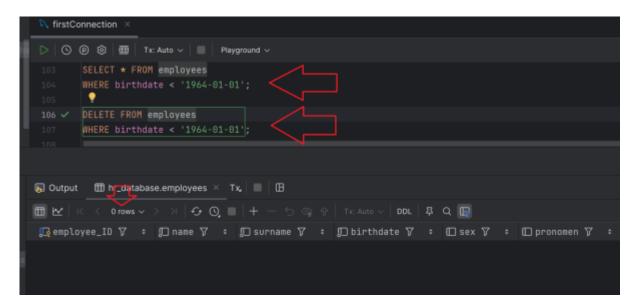
Content of the table before deleting the concerned resultset:

€ firstConnection ×									
▷   ③ @ 1월   亜   Tx: Auto ~   ■   Playground ~									
103 ✓ SELECT * FROM employees 104 WHERE birthdate < '1964-01-01'; 105									
106     DELETE FROM employees       107     WHERE birthdate < '1964-01-01';									
108									
Output      In_database.employees × Tx, □ □     In									
Ⅲ 唑   K < 4 rows > >>   分 図 =   + - 5 @ ☆   Tagento >   라 Q									
🕞 employee_ID 🏹 🕴	💭 name 🏹 🗧	💭 surname 🏹 🗧	💭 birthdate 🏹 🗧	🖸 sex 🏹 🗘	🛈 p				
1 9	Jake	Lewis	1962-09-05		He/⊦				
2 15	Liam	Scott	1958-12-18		He/⊦				
3 <b>25</b>	Jack	White	1962-08-15		He/⊦				
4 38	Ava	Walker	1958-02-11		She/				

```
SELECT * FROM employees
WHERE birthdate < '1964-01-01';</pre>
```

```
DELETE FROM employees
WHERE birthdate < '1964-01-01';</pre>
```

The result is visible in the next image below:



## Solution

Lösung

### Vocabulary

English	German



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