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LU07.S04 - DELETE

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;
```

```
③ ② ③ ⊞ Tx: Auto ∨ ■ Playground ∨
       DELETE FROM employees -- Version 1
        WHERE name = 'Sarah'
        AND surname = 'Johnson';
        DELETE FROM employees
        WHERE employee_id = 4;
       select * FROM employees;
         thr_database.employees × Tx, | | | |
問 🗠 | K < 29 rows ∨ > >| 🗗 🔾 🔲 | + − 与 🚳 🏠 | Tx: Auto ∨ | DDL | 주 Q, 🖫
  爲employee_ID 🎖 : ♬ name 🎖 : ♬ surname ಢ : ♬ birthdate ಢ : ♬ sex ಢ : ♬ pronomen ਊ
                                                     1985-03-25
                                                                                      He/Him
                     2 Jane
                                                      1990-07-19
                                                                                      She/Her
                                                     1982-11-82
                                                                                      He/Him
                                    Williams
                                                      1987-04-11
                                                                                      He/Him
                                                      1993-12-81
                                                                                      She/Her
                     6 Anna
                                                      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:

12:00

```
firstConnection ×
103 ✓ SELECT * FROM employees
      DELETE FROM employees
       WHERE birthdate < '1964-01-01';

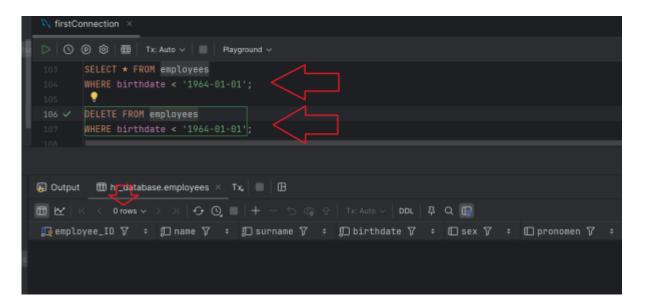
    thr_database.employees × Tx, ■ □

Output
団 🗠 | K < 4 rows ∨ > >| チゥ 🔘, 🔳 | + − 与 ⊚ 介 | Tapadoo ∨
 〖employee_ID ▽ : 灱 name ▽ : 灱 surname ▽ : 贝 binthựate ▽ : □ sex ▽ :
                                                                            □ p
                                               1962-09-05
                                                                            He/H
                                               1958-12-18
                 15 Liam
                                                                            He/H
                                               1962-08-15
                 25 Jack
                                White
                                                                            He/H
                                               1958-02-11
                 30 Ava
                                Walker
                                                                            She
```

```
SELECT * FROM employees
WHERE birthdate < '1964-01-01';
DELETE FROM employees
```

The result is visible in the next image below:

WHERE birthdate < '1964-01-01';



Vocabulary

English	German

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