

# 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;
```

The screenshot shows a SQL playground interface. The top section contains two versions of a DELETE statement. A red arrow points to the first version, which uses name and surname for filtering. The second version uses employee\_id. Below the code, the 'Output' tab shows the 'hr\_database.employees' table with 29 rows. A red arrow points to the row with employee\_id 5 (Chris Williams), which is the row that would be deleted by the second statement.

```
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;
```

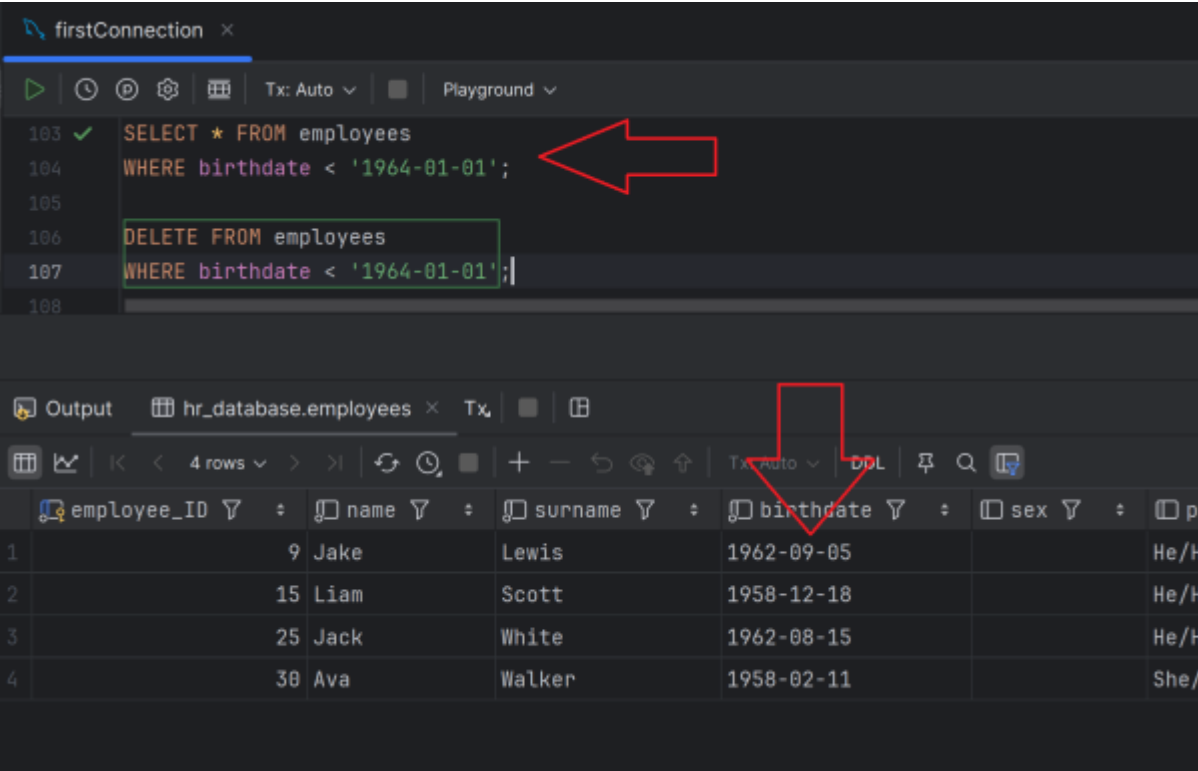
employee_ID	name	surname	birthdate	sex	pronomen
1	John	Doe	1985-03-25		He/Him
2	Jane	Smith	1990-07-19		She/Her
3	Mike	Brown	1982-11-02		He/Him
4	Chris	Williams	1987-04-11		He/Him
5	Anna	Lee	1993-12-01		She/Her
6	David	Kim	1989-10-22		He/Him

## 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.

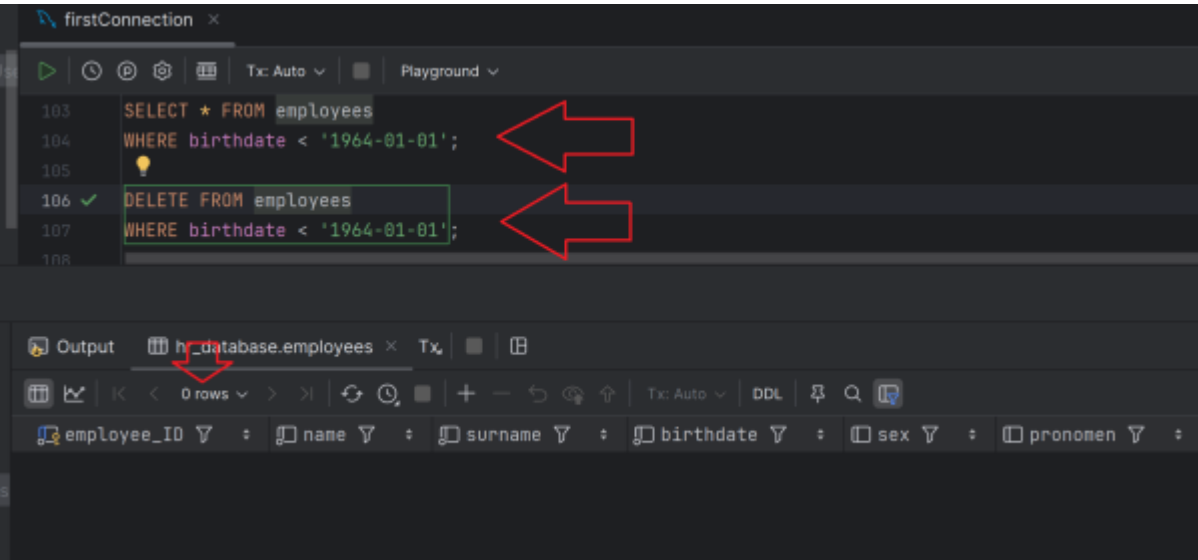
Content of the table before deleting the concerned resultset:



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

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

The result is visible in the next image below:



## Vocabulary

English	German
...	...



Volkan Demir

From:

<https://wiki.bzz.ch/> - **BZZ - Modulwiki**

Permanent link:

<https://wiki.bzz.ch/modul/m290/learningunits/lu07/loesungen/l04?rev=1727776807>

Last update: **2024/10/01 12:00**

