Course Notes   **February 11, 2026**

Task 4-1: Grouping Functions

i) SQL Query

```
1  SELECT
2      TeileNr, Farbe, MIN(Preis) AS niedrigster_preis,
3      MAX(Preis) AS hoechster_preis,
4      MAX(Preis) - MIN(Preis) AS Differenz
5  FROM
6      Liefert
7  WHERE
8      LiefNr <> 0
9  GROUP BY
10     TeileNr, Farbe
```

ii) SQL Query

```
1  SELECT
2      TeileNr
3  FROM
4      Liefert
```

Task 4-2: NULL Values

or	T	U	F
T	T	T	T
U	T	U	U
F	T	U	F

and	T	U	F
T	T	U	F
U	U	U	F
F	F	F	F

Task 4-3: Lorem ipsum

Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua.