Subtracting Dates to Calculate the Difference in Days:
create the orders table and insert some sample data:

```
mysql> CREATE TABLE orders (
    ->      order_id INT,
    ->      order_date DATE,
    ->      delivery_date DATE
    -> );
Query OK, 0 rows affected (0.04 sec)

mysql> INSERT INTO orders (order_id, order_date, delivery_date) VALUES
    -> (1, '2024-08-01', '2024-08-05'),
    -> (2, '2024-08-02', '2024-08-06'),
    -> (3, '2024-08-03', '2024-08-08'),
    -> (4, '2024-08-04', '2024-08-10');
Query OK, 4 rows affected (0.02 sec)
Records: 4  Duplicates: 0  Warnings: 0

mysql> select * from orders;
+----------+------------+---------------+
| order_id | order_date | delivery_date |
+----------+------------+---------------+
|        1 | 2024-08-01 | 2024-08-05    |
|        2 | 2024-08-02 | 2024-08-06    |
|        3 | 2024-08-03 | 2024-08-08    |
|        4 | 2024-08-04 | 2024-08-10    |
+----------+------------+---------------+
4 rows in set (0.00 sec)
```

calculate the difference in days between order_date and delivery_date.

```
mysql> SELECT
    ->      order_id,
    ->      order_date,
    ->      delivery_date,
    ->      DATEDIFF(delivery_date, order_date) AS days_to_delivery
    -> FROM
    ->      orders;
+----------+------------+---------------+------------------+
| order_id | order_date | delivery_date | days_to_delivery |
+----------+------------+---------------+------------------+
|        1 | 2024-08-01 | 2024-08-05    |                4 |
|        2 | 2024-08-02 | 2024-08-06    |                4 |
|        3 | 2024-08-03 | 2024-08-08    |                5 |
|        4 | 2024-08-04 | 2024-08-10    |                6 |
+----------+------------+---------------+------------------+
4 rows in set (0.00 sec)

mysql>
```