SQL Schema

Table: Sales

+---------------+---------+

| Column Name | Type |

+---------------+---------+

| sale\_date | date |

| fruit | enum |

| sold\_num | int |

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(sale\_date,fruit) is the primary key for this table.

This table contains the sales of "apples" and "oranges" sold each day.

Write an SQL query to report the difference between number of **apples** and **oranges** sold each day.

Return the result table **ordered** by sale\_date in format ('YYYY-MM-DD').

The query result format is in the following example:

Sales table:

+------------+------------+-------------+

| sale\_date | fruit | sold\_num |

+------------+------------+-------------+

| 2020-05-01 | apples | 10 |

| 2020-05-01 | oranges | 8 |

| 2020-05-02 | apples | 15 |

| 2020-05-02 | oranges | 15 |

| 2020-05-03 | apples | 20 |

| 2020-05-03 | oranges | 0 |

| 2020-05-04 | apples | 15 |

| 2020-05-04 | oranges | 16 |

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Result table:

+------------+--------------+

| sale\_date | diff |

+------------+--------------+

| 2020-05-01 | 2 |

| 2020-05-02 | 0 |

| 2020-05-03 | 20 |

| 2020-05-04 | -1 |

+------------+--------------+

Day 2020-05-01, 10 apples and 8 oranges were sold (Difference 10 - 8 = 2).

Day 2020-05-02, 15 apples and 15 oranges were sold (Difference 15 - 15 = 0).

Day 2020-05-03, 20 apples and 0 oranges were sold (Difference 20 - 0 = 20).

Day 2020-05-04, 15 apples and 16 oranges were sold (Difference 15 - 16 = -1).