

Table: Sales

Column Name	Type
sale_date	date
fruit	enum
sold_num	int

(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 the number of **apples** and **oranges** sold each day.

Return the result table **ordered** by sale\_date.

The query result format is in the following example.

Example 1:\*\*

Input:

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

Output:

sale_date	diff
2020-05-01	2
2020-05-02	0
2020-05-03	20
2020-05-04	-1

Explanation:

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  $15 - 16 = -1$ ).