⊞ Description △ Solution ⏱ Submissions 💬 Discuss (28)

1445. Apples & Oranges

Medium 👍 6 👎 2 ♡ Add to List ⬆ Share

SQL Schema ›

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 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         |
+------------+------------+------------+

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).
```

Accepted 527 | Submissions 587

Seen this question in a real interview before? | Yes | | No |

Contributor

Companies 💼 ⓘ

☰ Problems   ✕ Pick One