

Problem List

RunSubmit

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DescriptionEditorialSolutionsSubmissions

1445. Apples & OrangesPremium

Solved

MediumTopicsCompanies

SQL SchemaPandas Schema

Table: Sales

Column Name	Type
sale_date	date
fruit	enum
sold_num	int

(sale_date, fruit) is the primary key (combination of columns with unique values) of this table.
This table contains the sales of "apples" and "oranges" sold each day.

Write a solution to report the difference between the number of **apples** and **oranges** sold each day.
Return the result table **ordered** by sale_date.
The 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).

Seen this question in a real interview before? 1/5

YesNo

Accepted 51.5KSubmissions 58.5KAcceptance Rate 88.0%

TopicsCompaniesDiscussion (10)

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MySQLAuto

1# Write your MySQL query statement below

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3SELECT

4sale_date,

5SUM(IF(fruit = 'apples', sold_num, -sold_num)) AS diff

6FROM Sales

7GROUP BY sale_date

8

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TestcaseTest Result

AcceptedRuntime: 260 ms

Case 1

Input

Sales =

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

View more