Problem 2238: Number of Times a Driver Was a Passenger

Problem Information

Difficulty: Medium
Acceptance Rate: 0.00%
Paid Only: No

Problem Description

Table:

Rides

+--------------+------+ | Column Name | Type | +--------------+------+ | ride_id | int | | driver_id | int | | passenger_id | int | +--------------+------+ ride_id is the column with unique values for this table. Each row of this table contains the ID of the driver and the ID of the passenger that rode in ride_id. Note that driver_id != passenger_id.

Write a solution to report the ID of each driver and the number of times they were a passenger.

Return the result table in

any order

.

The result format is in the following example.

Example 1:

Input:

Rides table: +---------+-----------+--------------+ | ride_id | driver_id | passenger_id | +---------+-----------+--------------+ | 1 | 7 | 1 | | 2 | 7 | 2 | | 3 | 11 | 1 | | 4 | 11 | 7 | | 5 | 11 | 7 | | 6 | 11 | 3 | +---------+-----------+--------------+

Output:

+-----------+-----+ | driver_id | cnt | +-----------+-----+ | 7 | 2 | | 11 | 0 | +-----------+-----+

Explanation:

There are two drivers in all the given rides: 7 and 11. The driver with ID = 7 was a passenger two times. The driver with ID = 11 was never a passenger.

Code Snippets

MySQL:

```
# Write your MySQL query statement below
```

MS SQL Server:

```
/* Write your T-SQL query statement below */
```

PostgreSQL:

```
-- Write your PostgreSQL query statement below
```

Oracle:

```
/* Write your PL/SQL query statement below */
```

Pandas:

```
import pandas as pd

def driver_passenger(rides: pd.DataFrame) -> pd.DataFrame:
```

Solutions

MySQL Solution:

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