Problem 1821: Find Customers With Positive Revenue this Year

Problem Information

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

Problem Description

Table:

Customers

+--------------+------+ | Column Name | Type | +--------------+------+ | customer_id | int | | year | int | | revenue | int | +--------------+------+ (customer_id, year) is the primary key (combination of columns with unique values) for this table. This table contains the customer ID and the revenue of customers in different years. Note that this revenue can be negative.

Write a solution to report the customers with

postive revenue

in the year 2021.

Return the result table in

any order

.

The result format is in the following example.

Example 1:

Input:

Customers table: +-------------+------+---------+ | customer_id | year | revenue | +-------------+------+---------+ | 1 | 2018 | 50 | | 1 | 2021 | 30 | | 1 | 2020 | 70 | | 2 | 2021 | -50 | | 3 | 2018 | 10 | | 3 | 2016 | 50 | | 4 | 2021 | 20 | +-------------+------+---------+

Output:

+-------------+ | customer_id | +-------------+ | 1 | | 4 | +-------------+

Explanation:

Customer 1 has revenue equal to 30 in the year 2021. Customer 2 has revenue equal to -50 in the year 2021. Customer 3 has no revenue in the year 2021. Customer 4 has revenue equal to 20 in the year 2021. Thus only customers 1 and 4 have positive revenue in the year 2021.

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 find_customers(customers: pd.DataFrame) -> pd.DataFrame:
```

Solutions

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