Problem 1050: Actors and Directors Who Cooperated At Least Three Times

Problem Information

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

Problem Description

Table:

ActorDirector

+-------------+---------+ | Column Name | Type | +-------------+---------+ | actor_id | int | | director_id | int | | timestamp | int | +-------------+---------+ timestamp is the primary key (column with unique values) for this table.

Write a solution to find all the pairs

(actor_id, director_id)

where the actor has cooperated with the director at least three times.

Return the result table in

any order

.

The result format is in the following example.

Example 1:

Input:

ActorDirector table: +------------+------------+------------+ | actor_id | director_id | timestamp | +------------+------------+------------+ | 1 | 1 | 0 | | 1 | 1 | 1 | | 1 | 1 | 2 | | 1 | 2 | 3 | | 1 | 2 | 4 | | 2 | 1 | 5 | | 2 | 1 | 6 | +------------+------------+------------+

Output:

+------------+------------+ | actor_id | director_id | +------------+------------+ | 1 | 1 | +------------+------------+

Explanation:

The only pair is (1, 1) where they cooperated exactly 3 times.

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 actors_and_directors(actor_director: pd.DataFrame) -> pd.DataFrame:
```

Solutions

MySQL Solution:

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