Problem 3358: Books with NULL Ratings

Problem Information

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

Problem Description

Table:

books

+----------------+---------+ | Column Name | Type | +----------------+---------+ | book_id | int | | title | varchar | | author | varchar | | published_year | int | | rating | decimal | +----------------+---------+ book_id is the unique key for this table. Each row of this table contains information about a book including its unique ID, title, author, publication year, and rating. rating can be NULL, indicating that the book hasn't been rated yet.

Write a solution to find all books that have not been rated yet (i.e., have a

NULL

rating).

Return

the result table

ordered by

book_id

in

ascending

order.

The result format is in the following example.

Example:

Input:

books table:

+---------+-----------------------+-----------------+----------------+--------+ | book_id | title | author | published_year | rating | +---------+-----------------------+-----------------+----------------+--------+ | 1 | The Great Gatsby | F. Scott | 1925 | 4.5 | | 2 | To Kill a Mockingbird | Harper Lee | 1960 | NULL | | 3 | Pride and Prejudice | Jane Austen | 1813 | 4.8 | | 4 | The Catcher in the Rye | J.D. Salinger | 1951 | NULL | | 5 | Animal Farm | George Orwell | 1945 | 4.2 | | 6 | Lord of the Flies | William Golding | 1954 | NULL | +---------+-----------------------+-----------------+----------------+--------+

Output:

+---------+-----------------------+-----------------+----------------+ | book_id | title | author | published_year | +---------+-----------------------+-----------------+----------------+ | 2 | To Kill a Mockingbird | Harper Lee | 1960 | | 4 | The Catcher in the Rye | J.D. Salinger | 1951 | | 6 | Lord of the Flies | William Golding | 1954 | +---------+-----------------------+-----------------+----------------+

Explanation:

The books with book_id 2, 4, and 6 have NULL ratings.

These books are included in the result table.

The other books (book_id 1, 3, and 5) have ratings and are not included.

The result is ordered by book_id in ascending order

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_unrated_books(books: pd.DataFrame) -> pd.DataFrame:
```

Solutions

MySQL Solution:

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