Problem 1873: Calculate Special Bonus

Problem Information

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

Problem Description

Table:

Employees

+-------------+---------+ | Column Name | Type | +-------------+---------+ | employee_id | int | | name | varchar | | salary | int | +-------------+---------+ employee_id is the primary key (column with unique values) for this table. Each row of this table indicates the employee ID, employee name, and salary.

Write a solution to calculate the bonus of each employee. The bonus of an employee is

100%

of their salary if the ID of the employee is

an odd number

and

the employee's name does not start with the character

'M'

. The bonus of an employee is

0

otherwise.

Return the result table ordered by

employee_id

.

The result format is in the following example.

Example 1:

Input:

Employees table: +-------------+---------+--------+ | employee_id | name | salary | +-------------+---------+--------+ | 2 | Meir | 3000 | | 3 | Michael | 3800 | | 7 | Addilyn | 7400 | | 8 | Juan | 6100 | | 9 | Kannon | 7700 | +-------------+---------+--------+

Output:

+-------------+-------+ | employee_id | bonus | +-------------+-------+ | 2 | 0 | | 3 | 0 | | 7 | 7400 | | 8 | 0 | | 9 | 7700 | +-------------+-------+

Explanation:

The employees with IDs 2 and 8 get 0 bonus because they have an even employee_id. The employee with ID 3 gets 0 bonus because their name starts with 'M'. The rest of the employees get a 100% bonus.

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 calculate_special_bonus(employees: pd.DataFrame) -> pd.DataFrame:
```

Solutions

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