Problem 627: Swap Sex of Employees

Problem Information

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

Problem Description

Table:

Salary

+-------------+----------+ | Column Name | Type | +-------------+----------+ | id | int | | name | varchar | | sex | ENUM | | salary | int | +-------------+----------+ id is the primary key (column with unique values) for this table. The sex column is ENUM (category) value of type ('m', 'f'). The table contains information about an employee.

Write a solution to swap all

'f'

and

'm'

values (i.e., change all

'f'

values to

'm'

and vice versa) with a

single update statement

and no intermediate temporary tables.

Note that you must write a single update statement,

do not

write any select statement for this problem.

The result format is in the following example.

Example 1:

Input:

Salary table: +----+------+-----+--------+ | id | name | sex | salary | +----+------+-----+--------+ | 1 | A | m | 2500 | | 2 | B | f | 1500 | | 3 | C | m | 5500 | | 4 | D | f | 500 | +----+------+-----+--------+

Output:

+----+------+-----+--------+ | id | name | sex | salary | +----+------+-----+--------+ | 1 | A | f | 2500 | | 2 | B | m | 1500 | | 3 | C | f | 5500 | | 4 | D | m | 500 | +----+------+-----+--------+

Explanation:

(1, A) and (3, C) were changed from 'm' to 'f'. (2, B) and (4, D) were changed from 'f' to 'm'.

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 swap_salary(salary: pd.DataFrame) -> pd.DataFrame:
```

Solutions

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