

Problem 627: Swap Sex of Employees

Problem Information

Difficulty: Easy

Acceptance Rate: 84.35%

Paid Only: No

Tags: Database

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
```