Given a table salary, such as the one below, that has m=male and f=female values. 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 temp table.

Note that you must write a single update statement, **DO NOT** write any select statement for this problem.

**Example:**

| id | name | sex | salary |

|----|------|-----|--------|

| 1 | A | m | 2500 |

| 2 | B | f | 1500 |

| 3 | C | m | 5500 |

| 4 | D | f | 500 |

After running your **update** statement, the above salary table should have the following rows:

| id | name | sex | salary |

|----|------|-----|--------|

| 1 | A | f | 2500 |

| 2 | B | m | 1500 |

| 3 | C | f | 5500 |

| 4 | D | m | 500 |

UPDATE salary

SET sex = IF(sex = 'm', 'f', 'm');