SQL Schema

Table Variables:

+---------------+---------+

| Column Name | Type |

+---------------+---------+

| name | varchar |

| value | int |

+---------------+---------+

name is the primary key for this table.

This table contains the stored variables and their values.

Table Expressions:

+---------------+---------+

| Column Name | Type |

+---------------+---------+

| left\_operand | varchar |

| operator | enum |

| right\_operand | varchar |

+---------------+---------+

(left\_operand, operator, right\_operand) is the primary key for this table.

This table contains a boolean expression that should be evaluated.

operator is an enum that takes one of the values ('<', '>', '=')

The values of left\_operand and right\_operand are guaranteed to be in the Variables table.

Write an SQL query to evaluate the boolean expressions in Expressions table.

Return the result table in any order.

The query result format is in the following example.

Variables table:

+------+-------+

| name | value |

+------+-------+

| x | 66 |

| y | 77 |

+------+-------+

Expressions table:

+--------------+----------+---------------+

| left\_operand | operator | right\_operand |

+--------------+----------+---------------+

| x | > | y |

| x | < | y |

| x | = | y |

| y | > | x |

| y | < | x |

| x | = | x |

+--------------+----------+---------------+

Result table:

+--------------+----------+---------------+-------+

| left\_operand | operator | right\_operand | value |

+--------------+----------+---------------+-------+

| x | > | y | false |

| x | < | y | true |

| x | = | y | false |

| y | > | x | true |

| y | < | x | false |

| x | = | x | true |

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As shown, you need find the value of each boolean exprssion in the table using the variables table.