

Medium

Table Variables:

Column Name	Type
name	varchar
value	int

In SQL, 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

In SQL, (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.

Evaluate the boolean expressions in Expressions table.

Return the result table in **any order**.

The result format is in the following example.

Example 1:

Input:

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

Output:

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left_operand	operator	right_operand	value
x	>	y	false
x	<	y	true
x	=	y	false
y	>	x	true
y	<	x	false
x	=	x	true

Explanation:

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

Write your MySQL query statement below

```

SELECT e.left_operand, e.operator, e.right_operand,
       CASE
         WHEN e.operator='<' and v1.value<v2.value THEN 'true'
         WHEN e.operator='>' and v1.value>v2.value THEN 'true'
         WHEN e.operator='=' and v1.value=v2.value THEN 'true'
         ELSE 'false'
       END AS value
FROM Expressions e
JOIN Variables v1 ON e.left_operand = v1.name
JOIN Variables v2 ON e.right_operand = v2.name

```