

612. Shortest Distance in a Plane Premium

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Table: `Point2D`

Column Name	Type
x	int
y	int

(x, y) is the primary key column (combination of columns with unique values) for this table.

Each row of this table indicates the position of a point on the X-Y plane.

The distance between two points $p_1(x_1, y_1)$ and $p_2(x_2, y_2)$ is $\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$.

Write a solution to report the shortest distance between any two points from the `Point2D` table. Round the distance to **two decimal points**.

The result format is in the following example.

Example 1:

Input:
Point2D table:

x	y
-1	-1
0	0
-1	-2

Output:

shortest
1.00

Explanation: The shortest distance is 1.00 from point (-1, -1) to (-1, 2).

Seen this question in a real interview before? 1/5

Yes No

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