613. Shortest Distance in a Line

Description

Table: `Point`

```
+-------------+------+
| Column Name | Type |
+-------------+------+
| x           | int  |
+-------------+------+
In SQL, x is the primary key column for this table.
Each row of this table indicates the position of a point on the X-axis.
```

Find the shortest distance between any two points from the `Point` table.

The result format is in the following example.

Example 1:

```
Input:
Point table:
+----+
| x  |
+----+
| -1 |
| 0  |
| 2  |
+----+
Output:
+----------+
| shortest |
+----------+
| 1        |
+----------+
Explanation: The shortest distance is between points -1 and 0 which is |(-1) - 0| = 1.
```

Follow up: How could you optimize your solution if the `Point` table is ordered **in ascending order**?