Prepare > SQL > Aggregation > Weather Observation Station 19   Exit Full Screen View ↗↙

Consider $P_1(a, c)$ and $P_2(b, d)$ to be two points on a 2D plane where (a, b) are the respective minimum and maximum values of Northern Latitude (LAT_N) and (c, d) are the respective minimum and maximum values of Western Longitude (LONG_W) in **STATION**.

Query the Euclidean Distance between points P_1 and P_2 and format your answer to display 4 decimal digits.

Input Format

The **STATION** table is described as follows:

STATION

Field	Type
ID	NUMBER
CITY	VARCHAR2(21)
STATE	VARCHAR2(2)
LAT_N	NUMBER
LONG_W	NUMBER

where LAT_N is the northern latitude and LONG_W is the western longitude.

MySQL ⌄   ⚙

```
1  select round(sqrt(power(max(LAT_N) - min(LAT_N),
   2) + power(max(LONG_W) - min(LONG_W), 2)), 4)
2  FROM STATION;
```

Line: 2 Col: 14

⬆ Upload Code as File   Run Code   **Submit Code**

Congratulations!

You have passed the sample test cases. Click the submit button to run your code against all the test cases.

✓ **Sample Test case 0**

Your Output (stdout)

1 | **184.1616**

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