HackerRank | Prepare > SQL > Aggregation > Weather Observation Station 19 Exit Full Screen View

Problem Submissions Leaderboard Discussions

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  /*
2  Enter your query here.
3  */
4  SELECT ROUND(SQRT(
5          POWER(MAX(LAT_N)  - MIN(LAT_N),  2)+
   POWER(MAX(LONG_W) - MIN(LONG_W), 2) ), 4)
6  FROM
7      STATION;
```

Line: 7 Col: 13

Upload Code as File Run Code Submit Code

You have earned 30.00 points!

You are now 65 points away from the 4th star for your sql badge.

57% 385/450

## Congratulations

You solved this challenge. Would you like to challenge your friends?

Next Challenge

Test case 0

Compiler Message

Success

Input (stdin) Download

```
1  INPUT
```

Expected Output Download

```
1  184.1616
```