WEATHER OBSERVATION STATION 19

TASK:

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

Query the Euclidean Distance between points and and *format your answer* to display decimal digits.

Input Format

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

STATION

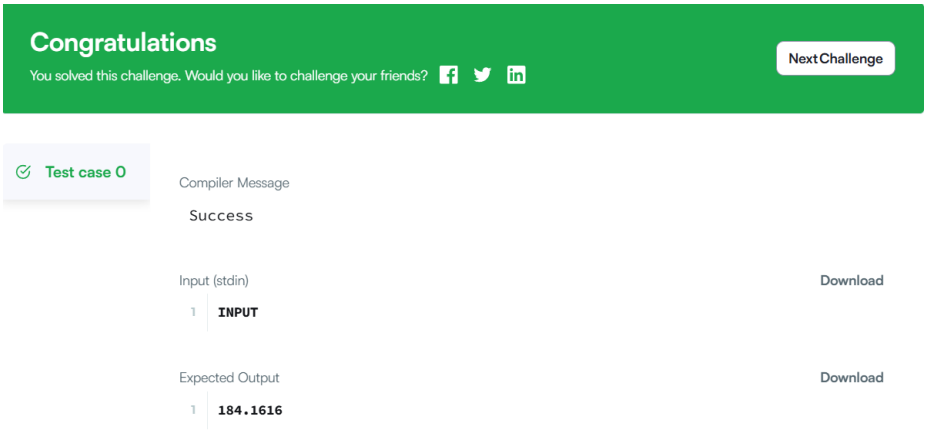
Field	Type
ID	NUMBER
CITY	VARCHAR2(21)
STATE	VARCHAR2(2)
LAT_N	NUMBER
LONG_W	NUMBER

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

SOLUTION:

```
SELECT CAST(
   SQRT(
      SQUARE((MIN(LAT_N) - MAX(LAT_N))) +
      SQUARE((MIN(LONG_W) - MAX(LONG_W)))
      )
   AS DECIMAL(10, 4))
FROM STATION;
```

SUBMISSION:


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