

Weather Observation Station 19

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.