

Weather Observation Station 19

Consider $P_1(a,b)$ and $P_2(c,d)$ 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.