■ | **Prepare**   Certify   Compete   Apply   🔍 Search

💬 🔔² | ⠿ 👤 ⌄

Prepare ⟩ SQL ⟩ Basic Select ⟩ Weather Observation Station 5

Weather Observation Station 5 ★

20 more points to get your first star!

Rank: **2256849** | Points: **60/80** ⓘ

You have successfully solved Weather Observation Station 5   Share   Post   ✕

You are now 20 points away from the 1st star for your sql badge.

Try the next challenge | **Try a Random Challenge**

Problem   Submissions   Leaderboard   Discussions

Query the two cities in **STATION** with the shortest and longest CITY names, as well as their respective lengths (i.e.: number of characters in the name). If there is more than one smallest or largest city, choose the one that comes first when ordered alphabetically.

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.

Sample Input

For example, **CITY** has four entries: **DEF, ABC, PQRS** and **WXY**.

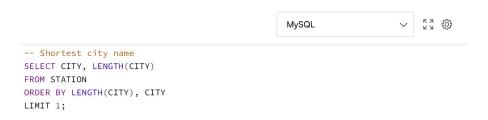**Sample Output**

```
ABC 3
PQRS 4
```

Explanation

When ordered alphabetically, the **CITY** names are listed as **ABC, DEF, PQRS,** and **WXY**, with lengths $3, 3, 4,$ and 3. The longest name is **PQRS**, but there are 3 options for shortest named city. Choose **ABC**, because it comes first alphabetically.

Note

You can write two separate queries to get the desired output. It need not be a single query.

Author	AvmnuSng
Difficulty	Easy
Max Score	30
Submitted By	1459510

NEED HELP?

📖 View discussions

🏆 View top submissions

RATE THIS CHALLENGE

★ ★ ★ ★ ★

MORE DETAILS

⬇ Download problem statement

⬇ Download sample test cases

✎ Suggest Edits

f 𝕐 in

MySQL ⌄   ⤢ ⚙

```sql
-- Shortest city name
SELECT CITY, LENGTH(CITY)
FROM STATION
ORDER BY LENGTH(CITY), CITY
LIMIT 1;
```

```
 7  -- Longest city name
 8  SELECT CITY, LENGTH(CITY)
 9  FROM STATION
10  ORDER BY LENGTH(CITY) DESC, CITY
11  LIMIT 1;
12
```

Line: 12 Col: 1

⬆ Upload Code as File

Run Code   Submit Code

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   Amo 3
2   Marine On Saint Croix 21
```