1) QQuery all columns for a city in **CITY** with the ID 1661.

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

Ans-select \* from city where ID=1661;

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2) Query all attributes of every Japanese city in the **CITY** table. The **COUNTRYCODE** for Japan is JPN.

Solution-select \* from city where countrycode='JPN';

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3) 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.

Solution- select city, length(city) from station

order by length(city),city asc

limit 1;

select city, length(city) from station

order by length(city) desc

limit 1;Graphical user interface, text, application

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4) Query the list of CITY names starting with vowels (i.e., a, e, i, o, or u) from **STATION**. Your result cannot contain duplicates.

Solution - SELECT city

FROM STATION

WHERE city like 'a%' or city like 'e%' or city like 'i%' or city like 'o%' or city like 'u%';

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5 Query the list of CITY names ending with vowels (a, e, i, o, u) from **STATION**. Your result cannot contain duplicates.

Ans- SELECT distinct city

FROM STATION

WHERE city like '%a' or city like '%e' or city like '%i' or city like '%o' or city like '%u';Graphical user interface, text, application

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6) Query the list of CITY names from **STATION** which have vowels (i.e., a, e, i, o, and u) as both their first and last characters. Your result cannot contain duplicates.

Ans- SELECT city

FROM STATION

WHERE (city like 'a%' or city like 'e%' or city like 'i%' or city like 'o%' or city like 'u%') and (city like '%a' or city like '%e' or city like '%i' or city like '%o' or city like '%u');

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