Date –03/02/2022

**1. Show the list of city, state, country**

Query- SELECT city.city\_name, statet.state\_name, country.country\_name

FROM country

JOIN statet ON country.country\_id = statet.country\_id

JOIN city ON city.state\_id = statet.state\_id;

**2. Show the Count of city state wise**

Query :- SELECT s.state\_name, COUNT(c.city\_id) AS CountOfCities

FROM city as c LEFT JOIN statet as s ON c.state\_id = s.state\_id

GROUP BY s.state\_name;

**3. Show the count of state country wise**

SELECT c.country\_name, COUNT(s.state\_id) AS CountOfstates

FROM statet as s LEFT JOIN country as c ON s.country\_id = c.country\_id

GROUP BY c.country\_name;

**4. Find all states whose country is India**

Query - SELECT country.country\_name, statet.state\_name

FROM country

INNER JOIN statet ON country.country\_id = statet.country\_id

WHERE country\_name = 'India';

**5. Find all the cities whose state Maharashtra**

Query - SELECT statet.state\_name, city.city\_name

FROM statet

INNER JOIN city ON statet.state\_id = city.state\_id

WHERE state\_name = 'maharashtra';

**6. Find all the countries that start with a**

Query - SELECT \* FROM country WHERE country\_name LIKE 'A%';

**7. Find all the countries that start with z**

Query - SELECT \* FROM country WHERE country\_name LIKE 'Z%';

**8. Find all the states that start with "ha" character in the names**

Query - SELECT \* FROM statet WHERE state\_name LIKE 'Ha%';

**9. Find two countries having highest number of cities.**

QUERY - SELECT COUNT(city.city\_name) AS count\_of\_cities, country.country\_name

FROM country

JOIN statet ON country.country\_id = statet.country\_id

JOIN city ON city.state\_id = statet.state\_id

GROUP BY country\_name

ORDER BY count\_of\_cities DESC

LIMIT 2;

**10. Find two countries having lowest number of cities.**

QUERY -SELECT COUNT(city.city\_name) AS count\_of\_cities, country.country\_name

FROM country

JOIN statet ON country.country\_id = statet.country\_id

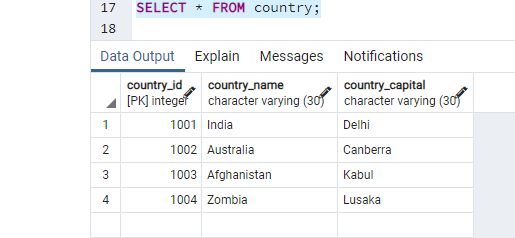
JOIN city ON city.state\_id = statet.state\_id

GROUP BY country\_name

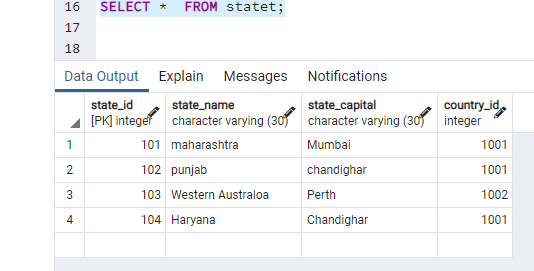
ORDER BY count\_of\_cities ASC

LIMIT 2;

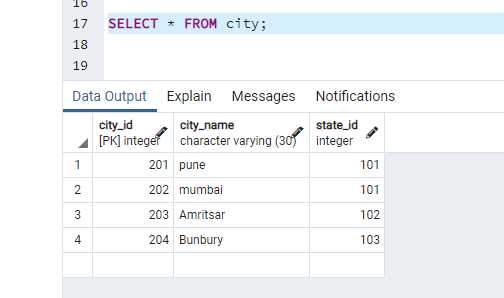
Country Table



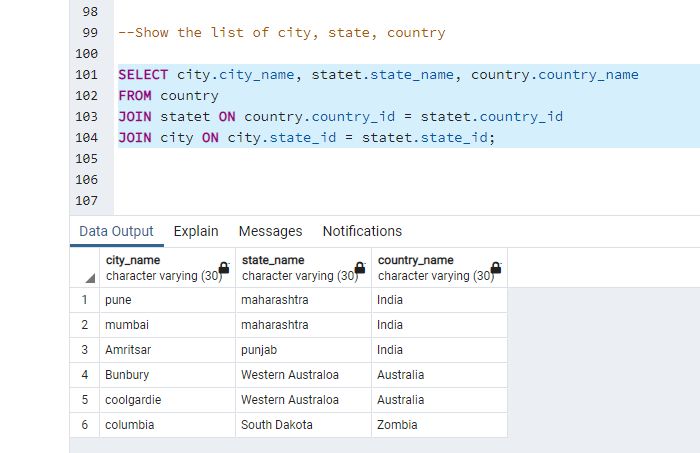
State Table



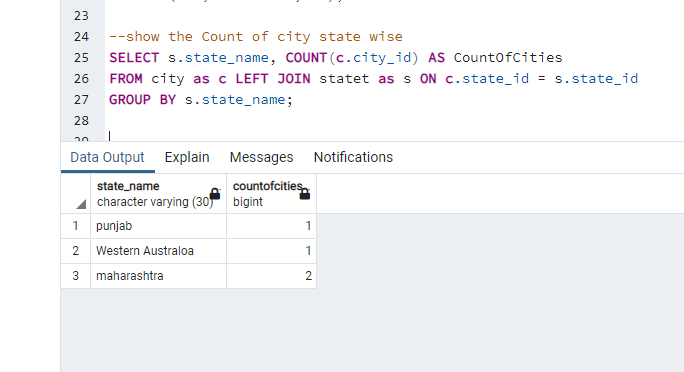
City table



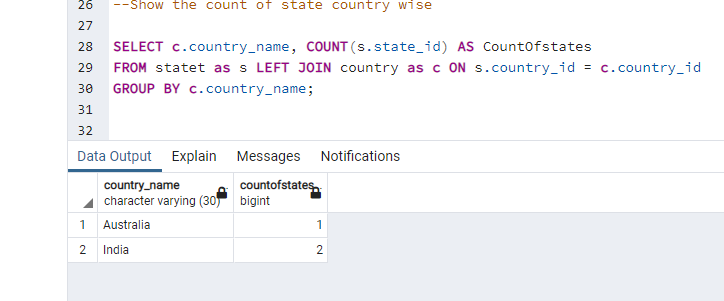
**1. Show the list of city, state, country**



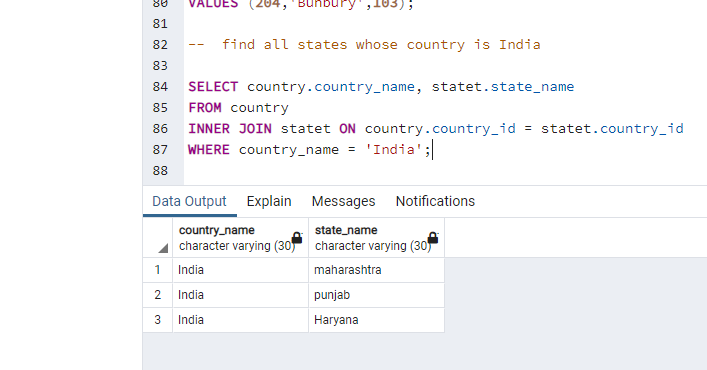
**2. Show the Count of city state wise**

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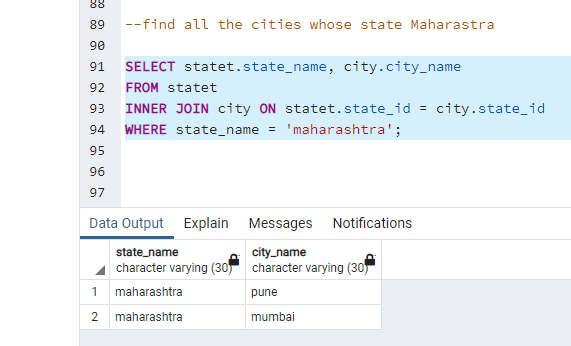
**3.Show the count of state country wise**

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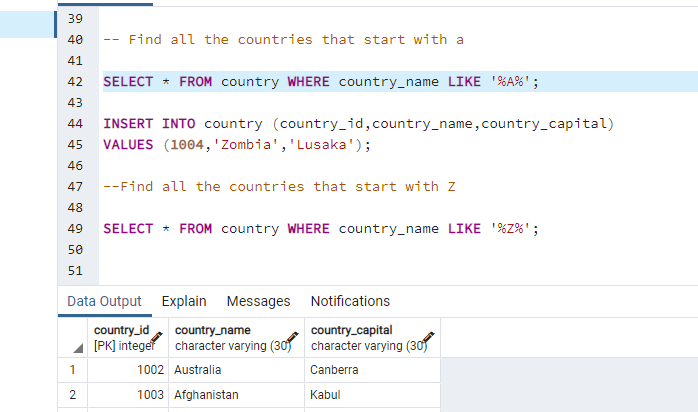
**4. Find all states whose country is India**

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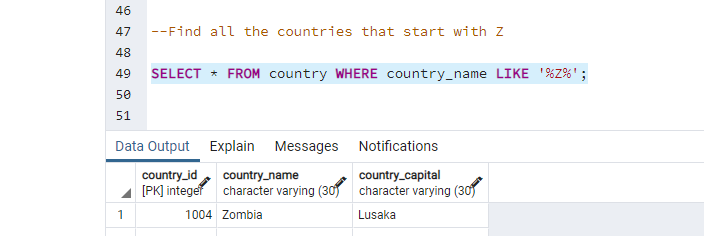
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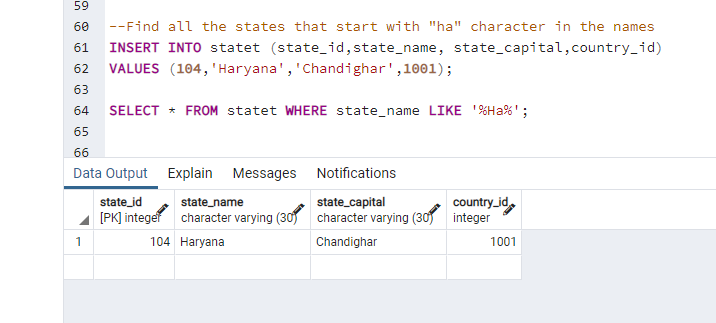
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**9. Find two countries having highest number of cities.**



**10. Find two countries having lowest number of cities.**

