1. Query a count of the number of cities in **CITY** having a Population larger than 100000.

Solution-select count(name) from city where population>100000;

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Description automatically generated

2) Query the total population of all cities in **CITY** where District is **California**.

Solution-select sum(population) from city where district='California';

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3) We define an employee's total earnings to be their monthly  worked,salary\*monthly and the maximum total earnings to be the maximum total earnings for any employee in the **Employee** table. Write a query to find the maximum total earnings for all employees as well as the total number of employees who have maximum total earnings. Then print these values as  space-separated integers.

**Input Format**

Solution- select (salary\*months) as Total\_salary,count(\*) from employee group by 1 order by Total\_salary desc limit 1;Graphical user interface, text, application

Description automatically generated

4) Query the following two values from the **STATION** table:

1. The sum of all values in *LAT\_N* rounded to a scale of 2  decimal places.
2. The sum of all values in *LONG\_W* rounded to a scale of   2 decimal places.

Solution - select round(sum(LAT\_N),2),round(sum(LONG\_W),2) from station;

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5) solution - select round(sum(LAT\_N),4) from station where LAT\_N>38.7880 and LAT\_N<137.2345;

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6) Query the greatest value of the *Northern Latitudes* (*LAT\_N*) from **STATION** that is less than 137.2345. Truncate your answer to 4 decimal places.

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