

1.JAPAN POPULATION

Query the sum of the populations for all Japanese cities in **CITY**. The **COUNTRYCODE** for Japan is **JPN**.

Input Format

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

Field	Type
ID	NUMBER
NAME	VARCHAR2 (17)
COUNTRYCODE	VARCHAR2 (3)
DISTRICT	VARCHAR2 (20)
POPULATION	NUMBER

Congratulations

You solved this challenge. Would you like to challenge your friends? [f](#) [t](#) [in](#) [Next Challenge](#)

Test case 0

Compiler Message: Success

Input (stdin): 1

Expected Output: 1 879196

You have earned 10.00 points! You are now 110 points away from the 3rd star for your sql badge. 12% 190/300

2.POPULATION DENSITY DIFFERENCE

Query the difference between the maximum and minimum populations in **CITY**.

Input Format

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

Field	Type
ID	NUMBER
NAME	VARCHAR2 (17)
COUNTRYCODE	VARCHAR2 (3)
DISTRICT	VARCHAR2 (20)
POPULATION	NUMBER

Congratulations

You solved this challenge. Would you like to challenge your friends? [f](#) [t](#) [in](#) [Next Challenge](#)

Test case 0

Compiler Message: Success

Input (stdin): 1

Expected Output: 1 4695354

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3.THE BLUNDER

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Prepare > SQL > Aggregation > The Blunder

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Problem

Submissions

Leaderboard

Discussions

Samantha was tasked with calculating the average monthly salaries for all employees in the **EMPLOYEES** table, but did not realize her keyboard's **0** key was broken until after completing the calculation. She wants your help finding the difference between her miscalculation (using salaries with any zeros removed), and the actual average salary.

Write a query calculating the amount of error (i.e.: *actual* – *miscalculated* average monthly salaries), and round it up to the next integer.

Input Format

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

Column	Type
ID	Integer
Name	String
Salary	Integer

Note: Salary is per month.

Constraints

$1000 < \text{Salary} < 10^5$.

Sample Input

You have earned 15.00 points!

You are now 60 points away from the 3rd star for your sql badge.

52%

240/300

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 2253

Type here to search 28°C Mostly cloudy 11:53 AM 23-09-2023

4.TOP EARNERS

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Problem

Submissions

Leaderboard

Discussions

We define an employee's total earnings to be their monthly *salary* \times *months* worked, 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 2 space-separated integers.

Input Format

The **Employee** table containing employee data for a company is described as follows:

Column	Type
employee_id	Integer
name	String
months	Integer
salary	Integer

where *employee_id* is an employee's ID number, *name* is their name, *months* is the total number of months they've been working for the company, and *salary* is their monthly salary.

Sample Input

You have earned 20.00 points!

You are now 90 points away from the 3rd star for your sql badge.

28%

210/300

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 108064 7

employee_id name months salary Type here to search 27°C Mostly cloudy 11:30 AM 23-09-2023

5.WHEATHER OBSERVATION STATION 2

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Weather Observation Station 2

Hackerrank-Code/SQL/Aggregat

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HackerRank

Prepare > SQL > Aggregation > Weather Observation Station 2

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Problem

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.

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.

Output Format

Your results must be in the form:

Submissions

Leaderboard

Discussions

You have earned 15.00 points!

You are now 75 points away from the 3rd star for your sql badge.

40%

225/300

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 42850.04 47381.48

Type here to search 28°C Mostly cloudy 11:49 AM 23-09-2023

6.WHEATHER OBSERVATION STATION 13

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Weather Observation Station 13

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Prepare > SQL > Aggregation > Weather Observation Station 13

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Problem

Query the sum of Northern Latitudes (LAT_N) from **STATION** having values greater than 38.7880 and less than 137.2345. Truncate your answer to 4 decimal places.

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.

Submissions

Leaderboard

Discussions

You have earned 10.00 points!

You are now 50 points away from the 3rd star for your sql badge.

60%

250/300

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 36354.8135

Type here to search 28°C Mostly cloudy 11:56 AM 23-09-2023

7.WHEATHER OBSERVATION STATION 14

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Weather Observation Station 14

Weather Observation Station 13

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Prepare > SQL > Aggregation > Weather Observation Station 14

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Problem

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.

Input Format

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

Submissions

Leaderboard

Discussions

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.

You have earned 10.00 points!

You are now 40 points away from the 3rd star for your sql badge.

68%

260/300

Congratulations

You solved this challenge. Would you like to challenge your friends?

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Next Challenge

Test case 0

Compiler Message

Success

Input (stdin)

Download

1

INPUT

Expected Output

Download

1

137.0193

Type here to search

28°C Mostly cloudy

11:58 AM

23-09-2023