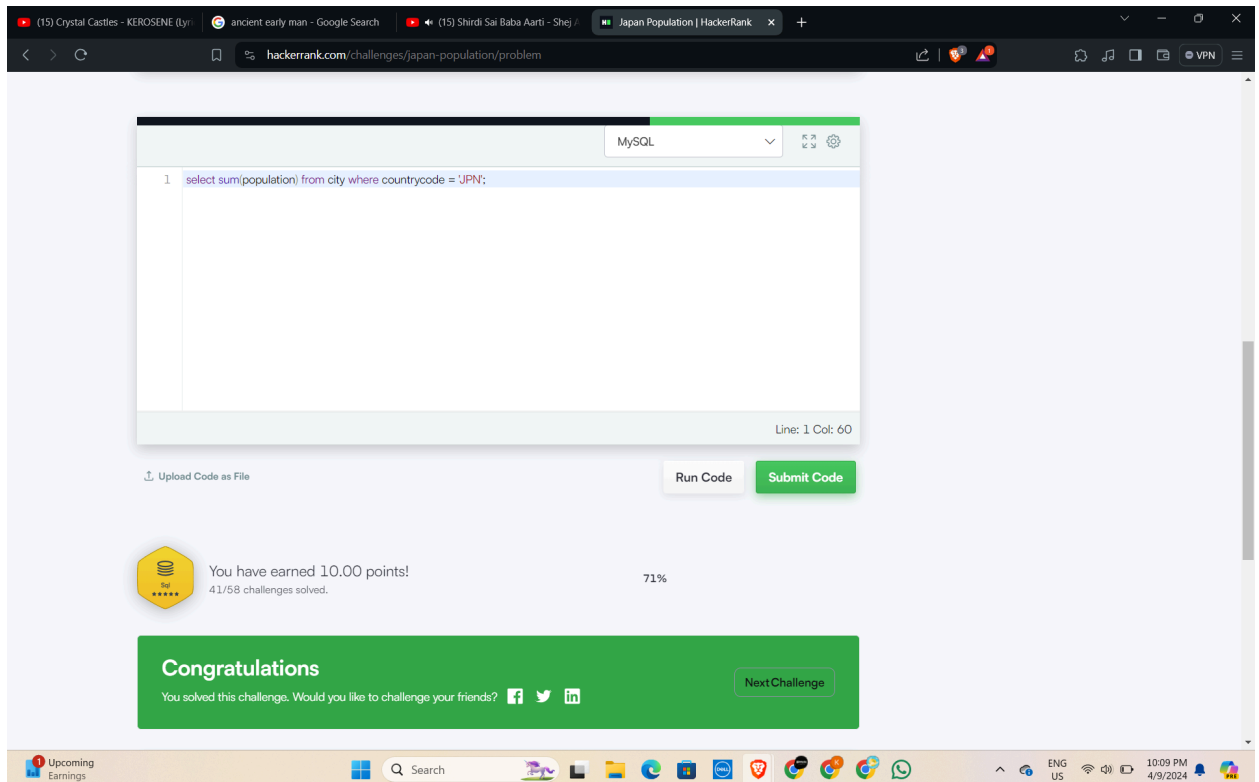


Day64 - April 9th 2024

1. Started my day as usual
2. Solved **61. Rotate List** this problem on leetcode
3. Please find the solution doc here :
https://docs.google.com/document/d/1fUkRGq040z6ILrsu7FT1RawJ_JJAL1Wf1uyO4zp4nOw/edit?usp=sharing
4. Completed an end to end Data pipeline on AWS.
5. Ended my day by solving complex SQL questions



Problem

Submissions

Leaderboard

Discussions

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

Need help solving this problem?

MySQL

1 `select max(population)-min(population) as pop_diff from city`

Line: 1 Col: 1

Upload Code as File

Run Code

Submit Code

You have earned 10.00 points!
41/58 challenges solved.

71%

Congratulations

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

Next Challenge

14°C Clear

Search

ENG US

10:20 PM 4/9/2024

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 < Salary < 10⁵.

Sample Input

ID	Name	Salary
----	------	--------

AI Assistant is here to help!

MySQL

1 `/*`

2 `Enter your query here.`

3 `*/`

4

5 `SELECT CEIL(AVG(Salary)- AVG(REPLACE(Salary,"0",""))) FROM EMPLOYEES`

Line: 1 Col: 1

Upload Code as File

Run Code

Submit Code

Congratulations!

You have passed the sample test cases. Click the submit button to run your code against all the test cases.

Sample Test case 0

Your Output (stdout)

1 2253

14°C Clear

Search

ENG US

10:20 PM 4/9/2024