

Problem List

DescriptionEditorialSolutionsSubmissions

2837. Total Traveled Distance

Solved

EasyTopics

SQL SchemaPandas Schema

Table: Users

Column Name	Type
user_id	int
name	varchar

user_id is the column with unique values for this table.
Each row of this table contains user id and name.

Table: Rides

Column Name	Type
ride_id	int
user_id	int
distance	int

ride_id is the column of unique values for this table.
Each row of this table contains ride id, user id, and traveled distance.

Write a solution to calculate the distance traveled by each user. If there is a user who hasn't completed any rides, then their distance should be considered as 0. Output the user_id, name and total traveled distance.

Return the result table ordered by user_id in ascending order.

The result format is in the following example.

Example 1:

Input:

Users table:

17	Addison
14	Ethan
4	Michael
2	Avery
10	Eleanor

Rides table:

72	17	160
42	14	161
45	4	59
32	2	197
15	4	357
56	2	196
10	14	25

Output:

2	Avery	393
4	Michael	416
10	Eleanor	0
14	Ethan	186
17	Addison	160

Explanation:

- User id 2 completed two journeys of 197 and 196, resulting in a combined travel distance of 393.
- User id 4 completed two journeys of 59 and 357, resulting in a combined travel distance of 416.
- User id 14 completed two journeys of 161 and 25, resulting in a combined travel distance of 186.
- User id 16 completed only one journey of 160.
- User id 10 did not complete any journeys, thus the total travel distance remains at 0.

Returning the table ordered by user_id in ascending order.

Code

MySQLAuto

1# Write your MySQL query statement below

2

3

4SELECT U.user_id AS user_id, U.name AS name, IFNULL(SUM(R.distance), 0) AS "traveled distance" FROM

5Users U

6LEFT JOIN

7Rides R

8ON U.user_id = R.user_id

9GROUP BY U.user_id

10ORDER BY U.user_id

11

Saved

Ln 11, Col 1

TestcaseTest Result

AcceptedRuntime: 368 ms

Case 1

Input

Users =

user_id	name
17	Addison
14	Ethan
4	Michael
2	Avery
10	Eleanor

Rides =

ride_id	user_id	distance
72	17	160
42	14	161
45	4	59
32	2	197
15	4	357
56	2	196
10	14	25

Seen this question in a real interview before? 1/5

YesNo

Accepted 2.2K | Submissions 2.9K | Acceptance Rate 73.7%

Topics

Discussion (0)

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