

1699. Number of Calls Between Two Persons

Medium👍 86🔒 3💖 Add to List🔖 Share

SQL Schema >

Table: Calls

Column Name	Type
from_id	int
to_id	int
duration	int

This table does not have a primary key, it may contain duplicates.
This table contains the duration of a phone call between from_id and to_id.
from_id != to_id

Write an SQL query to report the number of calls and the total call duration between each pair of distinct persons (person1, person2) where person1 < person2.

Return the result table in **any order**.

The query result format is in the following example.

Example 1:

Input:

Calls table:

from_id	to_id	duration
1	2	59
2	1	11
1	3	20
3	4	100
3	4	200
3	4	200
4	3	499

Output:

person1	person2	call_count	total_duration
1	2	2	70
1	3	1	20
3	4	4	999

Explanation:

Users 1 and 2 had 2 calls and the total duration is 70 (59 + 11).
Users 1 and 3 had 1 call and the total duration is 20.
Users 3 and 4 had 4 calls and the total duration is 999 (100 + 200 + 200 + 499).

Accepted 11,814 | Submissions 13,671

Seen this question in a real interview before?

Yes

No

Companies🔒 4

0 ~ 6 months6 months ~ 1 year1 year ~ 2 years

Facebook3Amazon2

Related Topics

Database

1# Write your MySQL query statement below

2