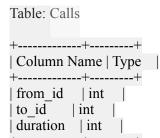
Medium



This table does not have a primary key (column with unique values), it may contain duplicates. This table contains the duration of a phone call between from_id and to_id. from id != to id

Write a solution 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 result format is in the following example.

Example 1:

Input:

Calls table:

+	+-	+-		+
fron	n id 1	to id	durati	on
+	+-	+-		+
1	2	59		
2	1	11	ĺ	
1	3	20	j	
3	4	100	İ	
3	4	200	Ì	
3	4	200	į	
4	3	499	į	

Output:

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).

```
# Write your MySQL query statement below
```

SELECT IF(from_id<to_id,from_id,to_id) AS person1,IF(from_id>to_id,from_id,to_id) AS person2,COUNT(*) AS call_count,SUM(duration) AS total_duration

FROM Calls C1

GROUP BY person1, person2