

1972. First and Last Call On the Same Day Premium

Hard Topics Companies

SQL Schema > Pandas Schema >

Table: `Calls`

Column Name	Type
<code>caller_id</code>	<code>int</code>
<code>recipient_id</code>	<code>int</code>
<code>call_time</code>	<code>datetime</code>

(`caller_id`, `recipient_id`, `call_time`) is the primary key (combination of columns with unique values) for this table.
Each row contains information about the time of a phone call between `caller_id` and `recipient_id`.

Write a solution to report the IDs of the users whose first and last calls on **any day** were with **the same person**. Calls are counted regardless of being the caller or the recipient.

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

The result format is in the following example.

Example 1:

Input:
Calls table:

caller_id	recipient_id	call_time
8	4	2021-08-24 17:46:07
4	8	2021-08-24 19:57:13
5	1	2021-08-11 05:28:44
8	3	2021-08-17 04:04:15
11	3	2021-08-17 13:07:00
8	11	2021-08-17 22:22:22

Output:

user_id
1
4
5
8

Explanation:
On 2021-08-24, the first and last call of this day for user 8 was with user 4. User 8 should be included in the answer.
Similarly, user 4 on 2021-08-24 had their first and last call with user 8. User 4 should be included in the answer.
On 2021-08-11, user 1 and 5 had a call. This call was the only call for both of them on this day. Since this call is the first and last call of the day for both of them, they should both be included in the answer.

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

Yes No

Accepted 10.1K | Submissions 19.8K | Acceptance Rate 50.8%

Topics

Database

Companies

0 - 6 months

Amazon 2

Discussion (3)