

# Problem 1747: Leetflex Banned Accounts

## Problem Information

Difficulty: **Medium**

Acceptance Rate: 62.03%

Paid Only: Yes

Tags: Database

## Problem Description

Table: `LogInfo`

+-----+-----+ | Column Name | Type | +-----+-----+ | account\_id | int | |  
ip\_address | int | | login | datetime | | logout | datetime | +-----+-----+ This table may  
contain duplicate rows. The table contains information about the login and logout dates of  
Leetflex accounts. It also contains the IP address from which the account was logged in and  
out. It is guaranteed that the logout time is after the login time.

Write a solution to find the `account\_id` of the accounts that should be banned from Leetflex.  
An account should be banned if it was logged in at some moment from two different IP  
addresses.

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

The result format is in the following example.

**Example 1:**

**Input:** LogInfo table: +-----+-----+-----+-----+ | account\_id  
| ip\_address | login | logout | +-----+-----+-----+-----+ | 1 | 1 |  
2021-02-01 09:00:00 | 2021-02-01 09:30:00 | | 1 | 2 | 2021-02-01 08:00:00 | 2021-02-01  
11:30:00 | | 2 | 6 | 2021-02-01 20:30:00 | 2021-02-01 22:00:00 | | 2 | 7 | 2021-02-02 20:30:00 |  
2021-02-02 22:00:00 | | 3 | 9 | 2021-02-01 16:00:00 | 2021-02-01 16:59:59 | | 3 | 13 |  
2021-02-01 17:00:00 | 2021-02-01 17:59:59 | | 4 | 10 | 2021-02-01 16:00:00 | 2021-02-01  
17:00:00 | | 4 | 11 | 2021-02-01 17:00:00 | 2021-02-01 17:59:59 |  
+-----+-----+-----+-----+ **Output:** +-----+ | account\_id

| +-----+ | 1 | | 4 | +-----+ **\*\*Explanation:\*\*** Account ID 1 --> The account was active from "2021-02-01 09:00:00" to "2021-02-01 09:30:00" with two different IP addresses (1 and 2). It should be banned. Account ID 2 --> The account was active from two different addresses (6, 7) but in **\*\*two different times\*\***. Account ID 3 --> The account was active from two different addresses (9, 13) on the same day but **\*\*they do not intersect at any moment\*\***. Account ID 4 --> The account was active from "2021-02-01 17:00:00" to "2021-02-01 17:00:00" with two different IP addresses (10 and 11). It should be banned.

## Code Snippets

### MySQL:

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

### MS SQL Server:

```
/* Write your T-SQL query statement below */
```

### PostgreSQL:

```
-- Write your PostgreSQL query statement below
```