

# Problem 1454: Active Users

## Problem Information

**Difficulty:** Medium

**Acceptance Rate:** 36.58%

**Paid Only:** Yes

**Tags:** Database

## Problem Description

Table: `Accounts`

+-----+-----+ | Column Name | Type | +-----+-----+ | id | int | | name |  
varchar | +-----+-----+ id is the primary key (column with unique values) for this  
table. This table contains the account id and the user name of each account.

Table: `Logins`

+-----+-----+ | Column Name | Type | +-----+-----+ | id | int | | login\_date |  
date | +-----+-----+ This table may contain duplicate rows. This table contains the  
account id of the user who logged in and the login date. A user may log in multiple times in the  
day.

\*\*Active users\*\* are those who logged in to their accounts for five or more consecutive days.

Write a solution to find the id and the name of \*\*active users\*\*.

Return the result table \*\*ordered\*\* by `id`.

The result format is in the following example.

\*\*Example 1:\*\*

\*\*Input:\*\* Accounts table: +---+-----+ | id | name | +---+-----+ | 1 | Winston | | 7 |  
Jonathan | +---+-----+ Logins table: +---+-----+ | id | login\_date | +---+-----+ | 7 |  
2020-05-30 | | 1 | 2020-05-30 | | 7 | 2020-05-31 | | 7 | 2020-06-01 | | 7 | 2020-06-02 | | 7 |

```
2020-06-02 | | 7 | 2020-06-03 | | 1 | 2020-06-07 | | 7 | 2020-06-10 | +-----+-----+ **Output:**  
+-----+-----+ | id | name | +-----+-----+ | 7 | Jonathan | +-----+-----+ **Explanation:**
```

User Winston with id = 1 logged in 2 times only in 2 different days, so, Winston is not an active user. User Jonathan with id = 7 logged in 7 times in 6 different days, five of them were consecutive days, so, Jonathan is an active user.

**Follow up:** Could you write a general solution if the active users are those who logged in to their accounts for `n` or more consecutive days?

## 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
```