Description   Solution   Submissions   Discuss (34)

MySQL

```
1   # Write your MySQL
    query statement below
2
```

1454. Active Users

Medium   👍 18   👎 4   ♡ Add to List   Share

SQL Schema ›

Table Accounts :

```
+----------------+---------+
| Column Name    | Type    |
+----------------+---------+
| id             | int     |
| name           | varchar |
+----------------+---------+
the id is the primary key 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    |
+----------------+---------+
There is no primary key for this table, it may contain duplicates.
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.
```

Write an SQL query to find the id and the name of active users.

Active users are those who logged in to their accounts for 5 or more consecutive days.

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

The query result format is in the following example:

```
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 |
+----+------------+

Result table:
+----+----------+
| id | name     |
+----+----------+
| 7  | Jonathan |
+----+----------+
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 question:

Can you write a general solution if the active users are those who logged in to their accounts for n or more consecutive days?

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Seen this question in a real interview before?   Yes   No

Contributor

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