

### 1369. Get the Second Most Recent Activity

Hard 84 7 Add to List Share

SQL Schema >

Table: UserActivity

Column Name	Type
username	varchar
activity	varchar
startDate	Date
endDate	Date

There is no primary key for this table. It may contain duplicates.  
This table contains information about the activity performed by each user in a period of time.  
A person with username performed an activity from startDate to endDate.

Write an SQL query to show the **second most recent activity** of each user.

If the user only has one activity, return that one. A user cannot perform more than one activity at the same time.

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

The query result format is in the following example.

Example 1:

**Input:**  
UserActivity table:

username	activity	startDate	endDate
Alice	Travel	2020-02-12	2020-02-20
Alice	Dancing	2020-02-21	2020-02-23
Alice	Travel	2020-02-24	2020-02-28
Bob	Travel	2020-02-11	2020-02-18

**Output:**

username	activity	startDate	endDate
Alice	Dancing	2020-02-21	2020-02-23
Bob	Travel	2020-02-11	2020-02-18

**Explanation:**  
The most recent activity of Alice is Travel from 2020-02-24 to 2020-02-28, before that she was dancing from 2020-02-21 to 2020-02-23.  
Bob only has one record, we just take that one.

Accepted 10,746 Submissions 15,470

Seen this question in a real interview before? Yes No

Companies 1

0 - 6 months 6 months - 1 year 1 year - 2 years

Microsoft 6

Related Topics

Database