Problem 2687: Bikes Last Time Used

Problem Information

Difficulty: Easy
Acceptance Rate: 80.59%
Paid Only: Yes
Tags: Database

Problem Description

Table: `Bikes`

+-------------+----------+ | Column Name | Type | +-------------+----------+ | ride_id | int | | bike_number | int | | start_time | datetime | | end_time | datetime | +-------------+----------+ ride_id column contains unique values. Each row contains a ride information that includes ride_id, bike number, start and end time of the ride. It is guaranteed that start_time and end_time are valid datetime values.

Write a solution to find the **last** **time** when each bike was used.

Return the result table ordered by the bikes that were **most recently used**.

The result format is in the following example.

Example 1:

Input: Bikes table: +---------+-------------+---------------------+---------------------+ | ride_id | bike_number | start_time | end_time | +---------+-------------+---------------------+---------------------+ | 1 | W00576 | 2012-03-25 11:30:00 | 2012-03-25 12:40:00 | | 2 | W00300 | 2012-03-25 10:30:00 | 2012-03-25 10:50:00 | | 3 | W00455 | 2012-03-26 14:30:00 | 2012-03-26 17:40:00 | | 4 | W00455 | 2012-03-25 12:30:00 | 2012-03-25 13:40:00 | | 5 | W00576 | 2012-03-25 08:10:00 | 2012-03-25 09:10:00 | | 6 | W00576 | 2012-03-28 02:30:00 | 2012-03-28 02:50:00 | +---------+-------------+---------------------+---------------------+ **Output:** +-------------+---------------------+ | bike_number | end_time | +-------------+---------------------+ | W00576 | 2012-03-28 02:50:00 | | W00455 | 2012-03-26 17:40:00 | | W00300 | 2012-03-25 10:50:00 | +-------------+---------------------+ **Explanation:** bike with number W00576 has three

rides, out of that, most recent ride is with ride_id 6 which ended on 2012-03-28 02:50:00. bike with number W00300 has only 1 ride so we will include end_time in output directly. bike with number W00455 has two rides, out of that, most recent ride is with ride_id 3 which ended on 2012-03-26 17:40:00. Returning output in order by the bike that were most recently used.

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
```