

# Problem 2687: Bikes Last Time Used

## Problem Information

**Difficulty:** Easy

**Acceptance Rate:** 0.00%

**Paid Only:** No

## 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
```

### Oracle:

```
/* Write your PL/SQL query statement below */
```

### Pandas:

```
import pandas as pd

def last_used_time(bikes: pd.DataFrame) -> pd.DataFrame:
```

## Solutions

### MySQL Solution:

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