Description | Editorial | Solutions | Submissions

2687. Bikes Last Time Used

Premium

Solved

Easy | Topics

SQL Schema | Pandas Schema

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.
```

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.

Seen this question in a real interview before? 1/5

Yes | No

Accepted 2.9K | Submissions 3.6K | Acceptance Rate 80.4%

Topics

Discussion (1)

19 | 1

Code

MySQL | Auto

```mysql
# Write your MySQL query statement below

SELECT bike_number , MAX(end_time) AS end_time
FROM
Bikes
GROUP BY bike_number
ORDER BY MAX(end_time) DESC


```

Saved | Ln 10, Col 1

Testcase | Test Result

Accepted Runtime: 191 ms

Case 1

Input

Bikes =

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 |