2837. Total Traveled Distance

Description

Table: `Users`

```
+-------------+---------+
| Column Name | Type    |
+-------------+---------+
| user_id     | int     |
| name        | varchar |
+-------------+---------+
user_id is the column with unique values for this table.
Each row of this table contains user id and name.
```

Table: `Rides`

```
+--------------+------+
| Column Name  | Type |
+--------------+------+
| ride_id      | int  |
| user_id      | int  |
| distance     | int  |
+--------------+------+
ride_id is the column of unique values for this table.
Each row of this table contains ride id, user id, and traveled distance.
```

Write a solution to calculate the `distance` traveled by **each user**. If there is a user who hasn't completed any rides, then their `distance` should be considered as `0`. Output the `user_id`, `name` and total traveled `distance`.

Return *the result table ordered by* `user_id` *in* ***ascending*** *order.*

The result format is in the following example.

Example 1:

```
Input:
Users table:
+---------+---------+
| user_id | name    |
+---------+---------+
| 17      | Addison |
| 14      | Ethan   |
| 4       | Michael |
| 2       | Avery   |
| 10      | Eleanor |
+---------+---------+
Rides table:
+---------+---------+----------+
| ride_id | user_id | distance |
+---------+---------+----------+
| 72      | 17      | 160      |
| 42      | 14      | 161      |
| 45      | 4       | 59       |
| 32      | 2       | 197      |
| 15      | 4       | 357      |
| 56      | 2       | 196      |
| 10      | 14      | 25       |
+---------+---------+----------+
Output:
+---------+---------+-------------------+
| user_id | name    | traveled distance |
+---------+---------+-------------------+
| 2       | Avery   | 393               |
| 4       | Michael | 416               |
| 10      | Eleanor | 0                 |
| 14      | Ethan   | 186               |
| 17      | Addison | 160               |
+---------+---------+-------------------+
Explanation:
-  User id 2 completed two journeys of 197 and 196, resulting in a combined travel distance of 393.
-  User id 4 completed two journeys of 59 and 357, resulting in a combined travel distance of 416.
-  User id 14 completed two journeys of 161 and 25, resulting in a combined travel distance of 186.
-  User id 16 completed only one journey of 160.
-  User id 10 did not complete any journeys, thus the total travel distance remains at 0.
Returning the table orderd by user_id in ascending order.
```