

Medium

Table: Activity

Column Name	Type
player_id	int
device_id	int
event_date	date
games_played	int

(player_id, event_date) is the primary key (column with unique values) of this table.

This table shows the activity of players of some games.

Each row is a record of a player who logged in and played a number of games (possibly 0) before logging out on someday using some device.

Write a solution to report for each player and date, how many games played **so far** by the player. That is, the total number of games played by the player until that date. Check the example for clarity.

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

The result format is in the following example.

Example 1:

Input:

Activity table:

player_id	device_id	event_date	games_played
1	2	2016-03-01	5
1	2	2016-05-02	6
1	3	2017-06-25	1
3	1	2016-03-02	0
3	4	2018-07-03	5

Output:

player_id	event_date	games_played_so_far
1	2016-03-01	5
1	2016-05-02	11
1	2017-06-25	12
3	2016-03-02	0
3	2018-07-03	5

Explanation:

For the player with id 1, $5 + 6 = 11$ games played by 2016-05-02, and $5 + 6 + 1 = 12$ games played by 2017-06-25.

For the player with id 3, $0 + 5 = 5$ games played by 2018-07-03.

Note that for each player we only care about the days when the player logged in.

Write your MySQL query statement below

```
SELECT player_id,event_date,SUM(games_played) OVER (PARTITION BY player_id ORDER BY  
player_id,event_date) AS games_played_so_far  
FROM Activity
```