Table: Customer

+---------------+---------+  
| Column Name | Type |  
+---------------+---------+  
| customer\_id | int |  
| name | varchar |  
| visited\_on | date |  
| amount | int |  
+---------------+---------+  
In SQL,(customer\_id, visited\_on) is the primary key for this table.  
This table contains data about customer transactions in a restaurant.  
visited\_on is the date on which the customer with ID (customer\_id) has visited the restaurant.  
amount is the total paid by a customer.

You are the restaurant owner and you want to analyze a possible expansion (there will be at least one customer every day).

Compute the moving average of how much the customer paid in a seven days window (i.e., current day + 6 days before). average\_amount should be **rounded to two decimal places**.

Return the result table ordered by visited\_on **in ascending order**.

The result format is in the following example.

**Example 1:**

Input:   
Customer table:  
+-------------+--------------+--------------+-------------+  
| customer\_id | name | visited\_on | amount |  
+-------------+--------------+--------------+-------------+  
| 1 | Jhon | 2019-01-01 | 100 |  
| 2 | Daniel | 2019-01-02 | 110 |  
| 3 | Jade | 2019-01-03 | 120 |  
| 4 | Khaled | 2019-01-04 | 130 |  
| 5 | Winston | 2019-01-05 | 110 |   
| 6 | Elvis | 2019-01-06 | 140 |   
| 7 | Anna | 2019-01-07 | 150 |  
| 8 | Maria | 2019-01-08 | 80 |  
| 9 | Jaze | 2019-01-09 | 110 |   
| 1 | Jhon | 2019-01-10 | 130 |   
| 3 | Jade | 2019-01-10 | 150 |   
+-------------+--------------+--------------+-------------+  
Output:   
+--------------+--------------+----------------+  
| visited\_on | amount | average\_amount |  
+--------------+--------------+----------------+  
| 2019-01-07 | 860 | 122.86 |  
| 2019-01-08 | 840 | 120 |  
| 2019-01-09 | 840 | 120 |  
| 2019-01-10 | 1000 | 142.86 |  
+--------------+--------------+----------------+  
Explanation:   
1st moving average from 2019-01-01 to 2019-01-07 has an average\_amount of (100 + 110 + 120 + 130 + 110 + 140 + 150)/7 = 122.86  
2nd moving average from 2019-01-02 to 2019-01-08 has an average\_amount of (110 + 120 + 130 + 110 + 140 + 150 + 80)/7 = 120  
3rd moving average from 2019-01-03 to 2019-01-09 has an average\_amount of (120 + 130 + 110 + 140 + 150 + 80 + 110)/7 = 120  
4th moving average from 2019-01-04 to 2019-01-10 has an average\_amount of (130 + 110 + 140 + 150 + 80 + 110 + 130 + 150)/7 = 142.86