Table: Countries

+---------------+---------+  
| Column Name | Type |  
+---------------+---------+  
| country\_id | int |  
| country\_name | varchar |  
+---------------+---------+  
country\_id is the primary key (column with unique values) for this table.  
Each row of this table contains the ID and the name of one country.

Table: Weather

+---------------+------+  
| Column Name | Type |  
+---------------+------+  
| country\_id | int |  
| weather\_state | int |  
| day | date |  
+---------------+------+  
(country\_id, day) is the primary key (combination of columns with unique values) for this table.  
Each row of this table indicates the weather state in a country for one day.

Write a solution to find the type of weather in each country for **November 2019**.

The type of weather is:

* **Cold** if the average weather\_state is less than or equal 15,
* **Hot** if the average weather\_state is greater than or equal to 25, and
* **Warm** otherwise.

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

The result format is in the following example.

**Example 1:**

Input:   
Countries table:  
+------------+--------------+  
| country\_id | country\_name |  
+------------+--------------+  
| 2 | USA |  
| 3 | Australia |  
| 7 | Peru |  
| 5 | China |  
| 8 | Morocco |  
| 9 | Spain |  
+------------+--------------+  
Weather table:  
+------------+---------------+------------+  
| country\_id | weather\_state | day |  
+------------+---------------+------------+  
| 2 | 15 | 2019-11-01 |  
| 2 | 12 | 2019-10-28 |  
| 2 | 12 | 2019-10-27 |  
| 3 | -2 | 2019-11-10 |  
| 3 | 0 | 2019-11-11 |  
| 3 | 3 | 2019-11-12 |  
| 5 | 16 | 2019-11-07 |  
| 5 | 18 | 2019-11-09 |  
| 5 | 21 | 2019-11-23 |  
| 7 | 25 | 2019-11-28 |  
| 7 | 22 | 2019-12-01 |  
| 7 | 20 | 2019-12-02 |  
| 8 | 25 | 2019-11-05 |  
| 8 | 27 | 2019-11-15 |  
| 8 | 31 | 2019-11-25 |  
| 9 | 7 | 2019-10-23 |  
| 9 | 3 | 2019-12-23 |  
+------------+---------------+------------+  
Output:   
+--------------+--------------+  
| country\_name | weather\_type |  
+--------------+--------------+  
| USA | Cold |  
| Australia | Cold |  
| Peru | Hot |  
| Morocco | Hot |  
| China | Warm |  
+--------------+--------------+  
Explanation:   
Average weather\_state in USA in November is (15) / 1 = 15 so weather type is Cold.  
Average weather\_state in Austraila in November is (-2 + 0 + 3) / 3 = 0.333 so weather type is Cold.  
Average weather\_state in Peru in November is (25) / 1 = 25 so the weather type is Hot.  
Average weather\_state in China in November is (16 + 18 + 21) / 3 = 18.333 so weather type is Warm.  
Average weather\_state in Morocco in November is (25 + 27 + 31) / 3 = 27.667 so weather type is Hot.  
We know nothing about the average weather\_state in Spain in November so we do not include it in the result table.