

1543. Fix Product Name Format

Description

Table: Sales

Column Name	Type
sale_id	int
product_name	varchar
sale_date	date

sale_id is the column with unique values for this table.
Each row of this table contains the product name and the date it was sold.

Since table Sales was filled manually in the year 2000, product_name may contain leading and/or trailing white spaces, also they are case-insensitive.

Write a solution to report

- product_name in lowercase without leading or trailing white spaces.
- sale_date in the format ('YYYY-MM').
- total the number of times the product was sold in this month.

Return the result table ordered by product_name in ascending order. In case of a tie, order it by sale_date in ascending order.

The result format is in the following example.

Example 1:

Input:			
Sales table:			
sale_id	product_name	sale_date	
1	LCPHONE	2000-01-16	
2	LCPhone	2000-01-17	
3	LcPhOnE	2000-02-18	
4	LCKeyCHAiN	2000-02-19	
5	LCKeyChain	2000-02-28	
6	Matryoshka	2000-03-31	
Output:			
product_name	sale_date	total	
lckeychain	2000-02	2	
lcphone	2000-01	2	
lcphone	2000-02	1	
matryoshka	2000-03	1	
Explanation:			
In January, 2 LCPhones were sold. Please note that the product names are not case sensitive and may contain spaces.			
In February, 2 LCKeychains and 1 LCPhone were sold.			
In March, one matryoshka was sold.			

