

2329. Product Sales Analysis V

Description

Table: `Sales`

Column Name	Type
sale_id	int
product_id	int
user_id	int
quantity	int

sale_id contains unique values.
product_id is a foreign key (column with unique values) to `Product` table.
Each row of this table shows the ID of the product and the quantity purchased by a user.

Table: `Product`

Column Name	Type
product_id	int
price	int

product_id contains unique values.
Each row of this table indicates the price of each product.

Write a solution to report the spending of each user.

Return the resulting table ordered by `spending` in **descending order** . In case of a tie, order them by `user_id` in ascending order.

The result format is in the following example.

Example 1:

Input:

Sales table:

sale_id	product_id	user_id	quantity
1	1	101	10
2	2	101	1
3	3	102	3
4	3	102	2
5	2	103	3

Product table:

product_id	price
1	10
2	25
3	15

Output:

user_id	spending
101	125
102	75
103	75

Explanation:

User 101 spent $10 * 10 + 1 * 25 = 125$.

User 102 spent $3 * 15 + 2 * 15 = 75$.

User 103 spent $3 * 25 = 75$.

Users 102 and 103 spent the same amount and we break the tie by their ID while user 101 is on the top.

