

Problem 1082: Sales Analysis I

Problem Information

Difficulty: Easy

Acceptance Rate: 74.71%

Paid Only: Yes

Tags: Database

Problem Description

Table: `Product`

```
+-----+-----+ | Column Name | Type | +-----+-----+ | product_id | int | |
product_name | varchar | | unit_price | int | +-----+-----+ product_id is the primary key
(column with unique values) of this table. Each row of this table indicates the name and the
price of each product.
```

Table: `Sales`

```
+-----+-----+ | Column Name | Type | +-----+-----+ | seller_id | int | |
product_id | int | | buyer_id | int | | sale_date | date | | quantity | int | | price | int |
+-----+-----+ This table can have repeated rows. product_id is a foreign key
(reference column) to the Product table. Each row of this table contains some information
about one sale.
```

Write a solution that reports the best ****seller**** by total sales price, If there is a tie, report them all.

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

The result format is in the following example.

****Example 1:****

```
**Input:** Product table: +-----+-----+-----+ | product_id | product_name |
unit_price | +-----+-----+-----+ | 1 | S8 | 1000 | | 2 | G4 | 800 | | 3 | iPhone |
```

1400 | +-----+-----+-----+ Sales table:
+-----+-----+-----+-----+-----+-----+ | seller_id | product_id | buyer_id |
sale_date | quantity | price | +-----+-----+-----+-----+-----+-----+ | 1 | 1 | 1
| 2019-01-21 | 2 | 2000 | | 1 | 2 | 2 | 2019-02-17 | 1 | 800 | | 2 | 2 | 3 | 2019-06-02 | 1 | 800 | | 3 |
3 | 4 | 2019-05-13 | 2 | 2800 | +-----+-----+-----+-----+-----+-----+
Output: +-----+ | seller_id | +-----+ | 1 | | 3 | +-----+ **Explanation:** Both
sellers with id 1 and 3 sold products with the most total price of 2800.

Code Snippets

MySQL:

```
# Write your MySQL query statement below
```

MS SQL Server:

```
/* Write your T-SQL query statement below */
```

PostgreSQL:

```
-- Write your PostgreSQL query statement below
```