

Table: Sales

Column Name	Type
sale_id	int
product_id	int
year	int
quantity	int
price	int

(sale\_id, year) is the primary key of this table.

product\_id is a foreign key to Product table.

Each row of this table shows a sale on the product product\_id in a certain year.

Note that the price is per unit.

Table: Product

Column Name	Type
product_id	int
product_name	varchar

product\_id is the primary key of this table.

Each row of this table indicates the product name of each product.

Write an SQL query that reports the total quantity sold for every product id.

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

The query result format is in the following example.

Example 1:\*\*

Input:

Sales table:

sale_id	product_id	year	quantity	price
1	100	2008	10	5000
2	100	2009	12	5000
7	200	2011	15	9000

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Product table:
+-----+
| product_id | product_name |
+-----+
| 100        | Nokia       |
| 200        | Apple       |
| 300        | Samsung     |
+-----+

Output:
+-----+-----+
| product_id | total_quantity |
+-----+-----+
| 100        | 22             |
| 200        | 15             |
+-----+-----+

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