SQL Schema

Table: Sales

+-------------+-------+

| Column Name | Type |

+-------------+-------+

| sale\_id | int |

| product\_id | int |

| year | int |

| quantity | int |

| price | int |

+-------------+-------+

sale\_id is the primary key of this table.

product\_id is a foreign key to Product table.

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.

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

The query result format is in the following example:

Sales table:

+---------+------------+------+----------+-------+

| sale\_id | product\_id | year | quantity | price |

+---------+------------+------+----------+-------+

| 1 | 100 | 2008 | 10 | 5000 |

| 2 | 100 | 2009 | 12 | 5000 |

| 7 | 200 | 2011 | 15 | 9000 |

+---------+------------+------+----------+-------+

Product table:

+------------+--------------+

| product\_id | product\_name |

+------------+--------------+

| 100 | Nokia |

| 200 | Apple |

| 300 | Samsung |

+------------+--------------+

Result table:

+--------------+----------------+

| product\_id | total\_quantity |

+--------------+----------------+

| 100 | 22 |

| 200 | 15 |

+--------------+----------------+