

Q1.

```
select o.product_id,  
       (select product_name from products where product_id = o.product_id),  
       sum(o.quantity)  
from orders o group by o.product_id order by o.product_id ;
```

The screenshot shows a database IDE with a script editor and a results grid. The script editor contains the following SQL query:

```
select o.product_id,  
       (select product_name from products where product_id = o.product_id),  
       sum(o.quantity)  
from orders o group by o.product_id order by o.product_id ;
```

The results grid, titled "orders 1", displays the output of the query. It has four columns: "product_id", "product_name", "sum", and a filter input field. The data is as follows:

	product_id	product_name	sum	
1	1	Laptop	2	All columns are read-only
2	2	Headphones	3	
3	3	Coffee Maker	3	
4	4	Book	5	
5	5	Office Chair	1	

Q2.

```
select category from products p where product_id =  
(select product_id from orders group by product_id having sum(quantity) > 5);
```

The screenshot shows a database IDE with a dark theme. The top panel displays a SQL query in a script editor. The query is: `select category from products p where product_id = (select product_id from orders group by product_id having sum(quantity) > 5);`. The bottom panel shows the results of the query in a table view. The table has two columns: 'category' and 'product_id'. The first row shows 'Electronics' in the 'category' column and '1' in the 'product_id' column. The table is titled 'products 1 x'.

```
select category from products p where product_id =  
(select product_id from orders group by product_id having sum(quantity) > 5);
```

category	product_id
Electronics	1