

//Найти самый дорогой товар. Вывести имя товара и его цену//

SELECT Goods.name, prices.value FROM goods

JOIN prices ON prices.goods\_id=goods.id

where value = (SELECT MAX(value) FROM prices)

```
1 SELECT Goods.name, prices.value FROM goods
2 JOIN prices ON prices.goods_id=goods.id
3 where value = (SELECT MAX(value) FROM prices)
4
```

Data Output Explain Messages Notifications

	<b>name</b> character varying (50)	<b>value</b> integer
1	Goods_20	19800

//Найти товары с нулевым остатком. Вывести имя товара и его цену//

SELECT Goods.name, prices.value FROM goods

JOIN prices ON prices.goods\_id=goods.id

JOIN quantity ON quantity.goods\_id=goods.id

WHERE quantity.value = 0

```
1 SELECT Goods.name, prices.value FROM goods
2 JOIN prices ON prices.goods_id=goods.id
3 JOIN quantity ON quantity.goods_id=goods.id
4 WHERE quantity.value = 0
5
```

Data Output Explain Messages Notifications

	name character varying (50)	value integer
1	Goods_5	4950

Проверяем, действительно ли этот товар с нулевым остатком:

```
1 SELECT Goods.name, prices.value, quantity.value FROM goods
2 JOIN prices ON prices.goods_id=goods.id
3 JOIN quantity ON quantity.goods_id=goods.id
4 WHERE quantity.value = 0
5
```

Data Output Explain Messages Notifications

	name character varying (50)	value integer	value integer
1	Goods_5	4950	0

//Найти производителя с самой большой средней ценой за товары. Вывести имя производителя и среднюю стоимость//

```
SELECT Manufacturer.name, ROUND (AVG(Prices. value), 1) FROM Goods
JOIN Prices ON Prices.goods_id=Goods.id
JOIN Suppliers ON Suppliers.id=Goods. supplier_id
JOIN Manufacturer ON Manufacturer.id=Suppliers. manufacturer_id
GROUP BY Manufacturer.name
ORDER BY ROUND (AVG (Prices. value), 2) DESC LIMIT 1
```

Query Editor Query History

```
1 SELECT Manufacturer.name, ROUND (AVG(Prices. value), 1) FROM Goods
2 JOIN Prices ON Prices.goods_id=Goods.id
3 JOIN Suppliers ON Suppliers.id=Goods. supplier_id
4 JOIN Manufacturer ON Manufacturer.id=Suppliers. manufacturer_id
5 GROUP BY Manufacturer.name
6 ORDER BY ROUND (AVG (Prices. value), 2) DESC LIMIT 1
7
8
9 |
10
```

Data Output Explain Messages Notifications

	name character varying (50)	round numeric
1	Manufacturer_4	14126.7

//Найти все товары производителей из Москвы. Вывести имена товаров, их цены и имена производителей//

```
SELECT Goods.name, prices.value, Manufacturer.name FROM Goods
JOIN Prices ON Prices.goods_id=Goods.id
JOIN Suppliers ON Suppliers.id=Goods. supplier_id
JOIN Manufacturer ON Manufacturer.id=Suppliers. manufacturer_id
WHERE manufacturer.location = 'Moscow'
```

Query Editor

Query History

1

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11

```
SELECT Goods.name, prices.value, Manufacturer.name FROM Goods
JOIN Prices ON Prices.goods_id=Goods.id
JOIN Suppliers ON Suppliers.id=Goods. supplier_id
JOIN Manufacturer ON Manufacturer.id=Suppliers. manufacturer_id
WHERE manufacturer.location = 'Moscow'
```

Data Output

Explain

Messages

Notifications

	<div>name</div> <div>character varying (50)</div>	<div>value</div> <div>integer</div>	<div>name</div> <div>character varying (50)</div>	
1	Goods_6	5880	Manufacturer_5	
2	Goods_9	8910	Manufacturer_9	
3	Goods_11	10890	Manufacturer_1	
4	Goods_12	11760	Manufacturer_5	
5	Goods_13	12870	Manufacturer_1	
6	Goods_16	15680	Manufacturer_1	