

1. Задание №1.

Query

Query History

```
1  -- 1. Количество товаров каждого типа у каждого производителя;
2  -- вывести производителя, тип и количество такого товара.
3
4  SELECT p maker, p type, COUNT(type) AS type_count,
5         ('Ekaterina_Kaneva ' || 'time: ' || CURRENT_TIMESTAMP) AS student_with_time
6  FROM product p
7  GROUP BY p maker, p type
8  ORDER BY p maker
```

Data output

Messages

Notifications

	maker character varying (10)	type character varying (50)	type_count bigint	student_with_time text
1	A	PC	2	Ekaterina_Kaneva ...
2	A	Laptop	2	Ekaterina_Kaneva ...
3	A	Printer	3	Ekaterina_Kaneva ...
4	B	PC	1	Ekaterina_Kaneva ...
5	B	Laptop	1	Ekaterina_Kaneva ...
6	C	Laptop	1	Ekaterina_Kaneva ...
7	D	Printer	2	Ekaterina_Kaneva ...
8	E	Printer	1	Ekaterina_Kaneva ...
9	E	PC	3	Ekaterina_Kaneva ...

2. Задание №2.

QueryQuery History

```
1  -- 2. Самый дорогой товар каждого типа, вывести тип и цену.
2
3  SELECT p.type, MAX(price),
4         ('Ekaterina_Kaneva ' || 'time: ' || CURRENT_TIMESTAMP) AS student_with_time
5  FROM product p JOIN (
6      SELECT model, price
7      FROM pc
8      UNION
9      SELECT model, price
10     FROM laptop
11     UNION
12     SELECT model, price
13     FROM printer)
14  all_three ON p.model = all_three.model
15  GROUP BY p.type
```

Data outputMessagesNotifications

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	type character varying (50)	max numeric	student_with_time text
1	Printer	400.0000	Ekaterina_Kaneva ...
2	Laptop	1200.0000	Ekaterina_Kaneva ...
3	PC	980.0000	Ekaterina_Kaneva ...

3. Задание №3.

Query

Query History

```
1  -- 3. Производителей, делающих ноутбуки и ПК ценой более 600$,
2  -- которые не производят принтеры, вывести производителя.
3
4  SELECT maker,
5      ('Ekaterina_Kaneva ' || 'time: ' || CURRENT_TIMESTAMP) AS student_with_time
6  FROM laptop lp JOIN product p ON lp.model = p.model
7  WHERE lp.price > 600
8  INTERSECT
9  SELECT maker,
10     ('Ekaterina_Kaneva ' || 'time: ' || CURRENT_TIMESTAMP) AS student_with_time
11  FROM pc JOIN product p ON pc.model = p.model
12  WHERE pc.price > 600
13  EXCEPT
14  SELECT maker,
15     ('Ekaterina_Kaneva ' || 'time: ' || CURRENT_TIMESTAMP) AS student_with_time
16  FROM printer pr JOIN product p ON pr.model = p.model
```

Data output

Messages

Notifications

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	maker character varying (10) 🔒	student_with_time text 🔒
1	B	Ekaterina_Kaneva ...