```
-- Часть 1. Задача 1. Клиенты из USA, возраст которых больше 25

SELECT
first_name,
last_name,
age,
country

FROM customers

WHERE country = 'USA'

AND age > 25;

Результат:
```

•	A·Z first_name ▼	A·Z last_name ▼	123 age ▼	A·Z country ▼
1	John	Doe	31	USA
2	Alice	Smith	35	USA
3	Tom	White	31	USA

Image: Continuo of the continu

```
--Часть 2. Задача 1. Список заказов с именами клиентов, которые сделали заказ

SELECT
first_name,
last_name,
item,
amount

FROM customers

INNER JOIN orders

ON customers.customer_id = orders.customer_id;

Peзультат:
```

•	A-Z first_name ▼	A-Z last_name ▼	A-Z item ▼	123 amount 🔻
1	John	Reinhardt	Keyboard	400
2	John	Reinhardt	Mouse	300
3	David	Robinson	Monitor	12 000
4	John	Doe	Keyboard	400
5	Robert	Luna	Mousepad	250
6	Alice	Smith	Monitor	10 000
7	Alice	Smith	Keyboard	450
8	Michael	Brown	Mouse	350
9	Tom	White	Monitor	11 000
10	Emma	Green	Mousepad	300

0	A·Z status ▼	A·Z first_name ▼	A·Z last_name ▼
1	Delivered	John	Doe
2	Pending	Robert	Luna
3	Delivered	David	Robinson
4	Pending	John	Reinhardt
5	Pending	Betty	Doe
6	Delivered	Alice	Smith
7	Pending	Michael	Brown
8	Pending	Sarah	Davis
9	Delivered	Tom	White
10	Delivered	Emma	Green

--Часть3. Задача 1. Подсчёт количества клиентов в каждой стране

SELECT

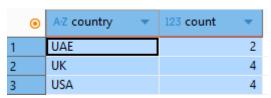
country,
count(customer_id)

FROM customers

GROUP BY country;

Decorpt Tot:

Результат:



--Часть 3. Задача 2. Общее количество заказов и средняя сумма по каждому товару ${f SELECT}$

item,
 count(order_id),
 avg(amount) AS avg_amount
FROM orders
GROUP BY item;

Результат:

•	A-Z item ▼	123 count ▼	123 avg_amount ▼
1	Mouse	2	325
2	Keyboard	3	416,67
3	Mousepad	2	275
4	Monitor	3	11 000

```
--Часть 4. Задача 1. Сортировка по возрасту по убыванию SELECT first_name, age FROM customers ORDER BY age DESC; Peзультат:
```

•	A·Z first_name ▼	123 age 🔻
1	Michael	40
2	Alice	35
3	John	31
4	Tom	31
5	Sarah	29
6	Betty	28
7	Emma	27
8	John	25
9	David	22
10	Robert	22

```
--Часть 5. Задача 1. Клиенты, которые сделали заказ с максимальной суммой SELECT
first_name,
last_name,
amount
FROM customers c
INNER JOIN orders o ON c.customer_id = o.customer_id
WHERE o.amount = (
SELECT MAX(amount)
FROM orders
)
Результат:
```

```
        ● AZ first_name
        ▼ AZ last_name
        ▼ 123 amount

        1
        David
        Robinson
        12 000
```

```
--Часть 6. Задача 1. Добавление колонки с суммой всех заказов клиента

SELECT

order_id,
customer_id,
item,
amount,
SUM(amount) OVER (PARTITION BY customer_id) AS total_by_customer

FROM orders

ORDER BY order_id
```

Результат:

•	123 ~ order_id ▼	123 [©] customer_id ▼	A-Z item ▼	123 amount 🔻	123 total_by_customer 🔻
1	1	4	Keyboard	400	700
2	2	4	Mouse	300	700
3	3	3	Monitor	12 000	12 000
4	4	1	Keyboard	400	400
5	5	2	Mousepad	250	250
6	6	6	Monitor	10 000	10 450
7	7	6	Keyboard	450	10 450
8	8	7	Mouse	350	350
9	9	9	Monitor	11 000	11 000
10	10	10	Mousepad	300	300

```
--Часть 7

SELECT

c.first_name || ' ' || c.last_name AS full_name,
c.country,
count(o.order_id) AS total_orders,
sum(o.amount) AS total_amount

FROM customers c

JOIN orders o ON c.customer_id = o.customer_id

JOIN shippings s ON c.customer_id = s.customer
WHERE s.status = 'Delivered'

GROUP BY c.customer_id , c.first_name, c.last_name, c.country

HAVING count(o.order_id) >= 2

Peзультат:
```

•	A·Z full_name ▼	A·Z country ▼	123 total_orders 🔻	123 total_amount 🔻
1	Alice Smith	USA	2	10 450