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1. Get the orders of a given customer, showing the name of the customer and the number of seats

```
SELECT first_name,
    last_name,
    number_of_seats,
    orders.id,
    orders.table_id,
    orders.customer_id,
    orders.order_date,
    orders.total
From orders
    INNER JOIN customers ON orders.customer_id = customers.id
    INNER JOIN tables On orders.table_id = tables.id
WHERE customers.id = ?;
```

2. Get the number of items of each order

```
Select order_id, sum(order_items.quantity) as "number of items"
from order_items
group by order_items.order_id;
```

3. Get the name of the 2 oldest customers of the restaurant

```
SELECT first_name, last_name
from orders
    INNER JOIN customers on orders.customer_id = customers.id
ORDER BY order_date
LIMIT 2;
```

4. Get the name of the customer that has spent more money in the restaurant

```
SELECT first_name, last_name, SUM(orders.total) AS total
FROM orders
    INNER JOIN customers ON orders.customer_id = customers.id
GROUP BY orders.customer_id
ORDER BY total DESC
LIMIT 1;
```

5. Create two more queries for your classmates to practice

  a) Get the menu_items that have been ordered the most by each customer

```
SELECT first_name, last_name, menu_items.name, SUM(quantity) AS total_quantity
FROM order_items
      INNER JOIN menu_items ON order_items.menu_item_id = menu_items.id
      INNER JOIN orders ON order_items.order_id = orders.id
      INNER JOIN customers ON orders.customer_id = customers.id
GROUP BY customers.id, menu_items.name
HAVING SUM(quantity) = (SELECT MAX(total_quantity)
                FROM (SELECT customers.id As customer_id,
                        SUM(quantity) AS total_quantity
                    FROM order_items
                        INNER JOIN menu_items ON order_items.menu_item_id =
menu_items.id
                        INNER JOIN orders ON order_items.order_id = orders.id
                        INNER JOIN customers ON orders.customer_id = customers.id
                    GROUP BY customers.id, menu_items.id) r
                WHERE r.customer_id = customers.id);
```

	first_name	last_name	name	total_quantity
1	John	Doe	Caesar Salad	2
2	Jane	Smith	Steak	2
3	Bob	Johnson	Steak	10

  b) Get the customer that has ordered the most quantity of each menu_item

```
SELECT menu_items.name, SUM(order_items.quantity) AS total_quantity,
customers.first_name, customers.last_name
FROM customers
      JOIN orders ON customers.id = orders.customer_id
      JOIN order_items ON orders.id = order_items.order_id
      JOIN menu_items ON order_items.menu_item_id = menu_items.id
WHERE order_items.quantity = (SELECT MAX(oi.quantity)
                FROM order_items oi
                WHERE oi.menu_item_id = order_items.menu_item_id)
GROUP BY customers.id, menu_items.id;
```

	name	total_quantity	first_name	last_name
1	Caesar Salad	2	John	Doe
2	Burger	1	Bob	Johnson
3	Steak	10	Bob	Johnson
4	Salmon	2	Bob	Johnson