Q1. Retrieve the total number of orders placed.

```
SELECT
  COUNT(order_id) as total_number
FROM
  orders;
```

Ans:

```
# total_number 60
```

Q2. Calculate the total revenue generated from pizza sales.

```
SELECT
   sum(
    order_details.quantity * pizzas.price
   ) AS total_revenue
FROM
   order_details
   JOIN pizzas ON pizzas.pizza_id = order_details.pizza_id;
```

Ans:

```
# total_revenue
1 569.5
```

Q3. Identify the highest-priced pizza.

#	name	price
1	The Barbecue Chicken Pizza	20.75

Q4. Identify the most common pizza size ordered.

Ans:

#	size	COUNT(order_details.order_details_id)
1	L	15
2	М	10
3	S	8

Q5. List the top 5 most ordered pizza types along with their quantities.pizzas.

#	name	quantity
1	The Italian Supreme Pizza	8
2	The Italian Capocollo Pizza	4
3	The California Chicken Pizza	4
4	The Barbecue Chicken Pizza	3
5	The Classic Deluxe Pizza	2

Q6. Determine the distribution of orders by hour of the day.

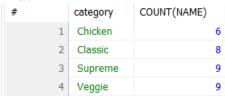
```
SELECT
hour(order_time) AS hour,
COUNT(order_id) AS order_count
FROM
orders
GROUP BY
hour (order_time);
```

Ans:



Q7: Join relevant tables to find the category-wise distribution of pizzas.

```
SELECT
  category,
  COUNT(NAME)
FROM
  pizza_types
GROUP BY
  category;
```



Q8. Group the orders by date and calculate the average number of pizzas ordered per day.

#	order_date	SUM(order_details.quantity)
1	2015-01-01	61