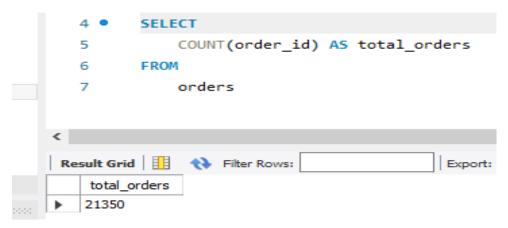
QUESTION 1- Retrieve The total number of orders placed.



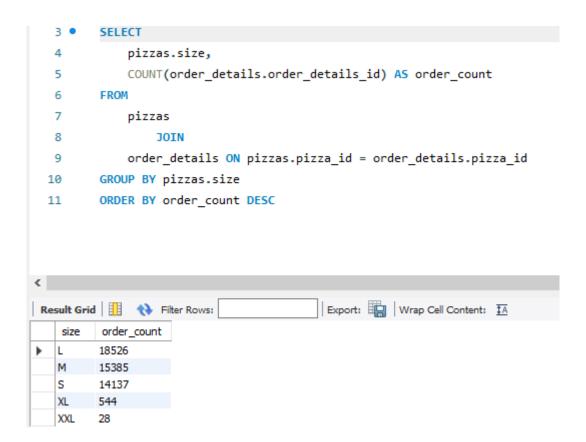
QUESTION 2- calculate the total revenue genertaed fro pizza sales.

```
3 •
         SELECT
             ROUND(SUM(order_details.quantity * pizzas.price),
  5
                     2) AS total_sales
  6
         FROM
             order_details
                 JOIN
             pizzas ON pizzas.pizza_id = order_details.pizza_id
 10
 11
 12
                                          Export: Wrap Cell Content:
Result Grid
              Filter Rows:
   total_sales
 817860.05
```

QUESTION 3- Identify the highest-priced pizza.

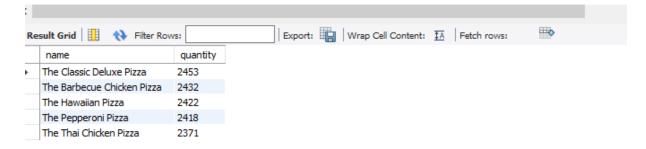
```
3 •
        SELECT
  4
             pizza_types.name, pizzas.price
  5
         FROM
  6
             pizza_types
  7
                  JOIN
             pizzas ON pizza_types.pizza_type_id = pizzas.pizza_type_id
  8
         ORDER BY pizzas.price DESC
  9
         LIMIT 1
 10
                                          Export: Wrap Cell Content: 🔼 Fetch
Result Grid
              Filter Rows:
                 price
The Greek Pizza
                 35.95
```

QUESTION 4- Identify the most common pizza size ordered.

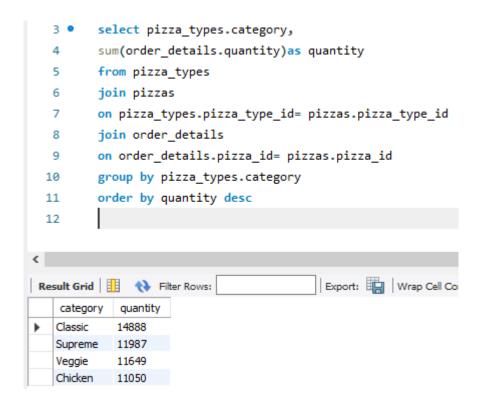


QUESTION 5- List the top 5 most ordered pizza type along with their quantities.

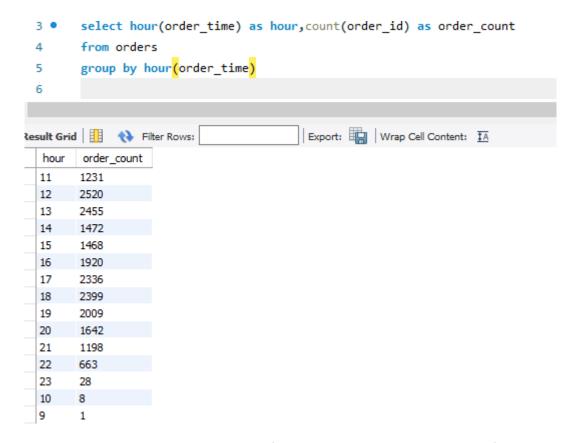
```
3 •
       select pizza_types.name, sum(order_details.quantity) as quantity
 4
       from pizza_types
       join pizzas
 5
       on pizza_types.pizza_type_id= pizzas.pizza_type_id
 6
       join order_details
 7
       on order_details.pizza_id= pizzas.pizza_id
8
9
       group by pizza_types.name
       order by quantity desc
10
       limit 5
11
```



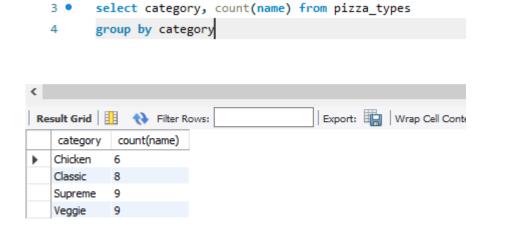
QUESTION 6 - join the necessary table to find the total quantity of each pizza category ordered.



QUESTION 7 - determine the distribution of orders by hour of the day.



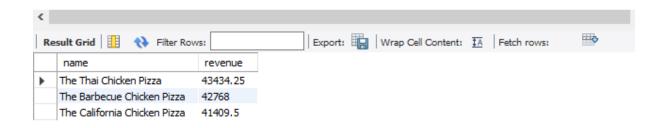
QUESTION 8 - join relevant tables to find the category-wise distribution of pizzas



QUESTION 9 - group the orders by date and calculate the average number of pizza ordered perday

QUESTION 10 - determine the top 3 most ordered pizza types based on revenue

```
select pizza_types.name,sum(order_details.quantity*pizzas.price) as revenue
3 •
4
       from pizza_types
5
       join pizzas
6
       on pizzas.pizza_type_id= pizza_types.pizza_type_id
7
       join order details
8
       on order_details.pizza_id= pizzas.pizza_id
       group by pizza_types.name
9
       order by revenue desc
10
       limit 3
11
```



QUESTION 11 -Analyze the cumulative revenue generated over time.

```
3 •
        select order_date,
        sum(revenue) over(order by order_date) as cum_revenue
        from
  5
      6
        sum(order_details.quantity*pizzas.price) as revenue
  7
        from order_details
  8
        join pizzas
  9
        on order_details.pizza_id=pizzas.pizza_id
 10
        join orders
 11
        on orders.order_id=order_details.order_id
 12
        group by orders.order_date) as sales
 13
                                      Export: Wrap Cell Content: IA
order_date cum_revenue
  2015-01-01 2713.85000000000004
   2015-01-02 5445.75
   2015-01-03 8108.15
   2015-01-04 9863.6
   2015-01-05 11929.55
   2015-01-06 14358.5
```