Question 1 : Retrieve the total number of orders placed.

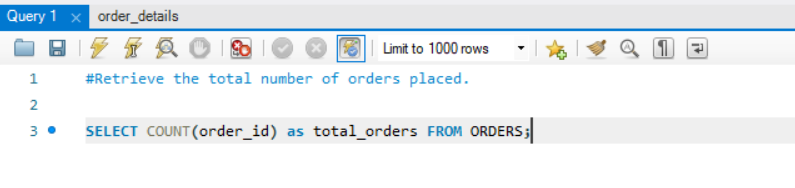
Query :

SELECT

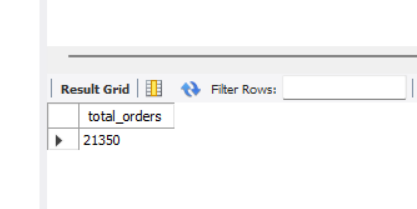
COUNT(order\_id) AS total\_orders

FROM

ORDERS;

Input:

Output:



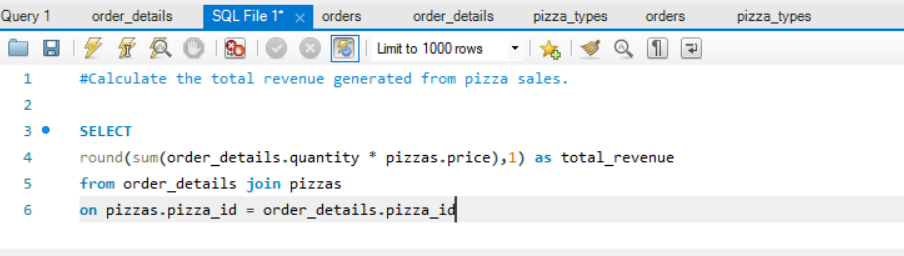
Question 2: Calculate the total revenue generated from pizza sales.

Query : SELECT

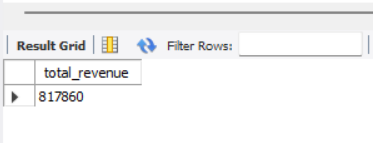
round(sum(order\_details.quantity \* pizzas.price),1) as total\_revenue

from order\_details join pizzas

on pizzas.pizza\_id = order\_details.pizza\_id;



Output :



Question 3 : Identify the highest-priced pizza.

Query:

SELECT

pizza\_types.name, pizzas.price

FROM

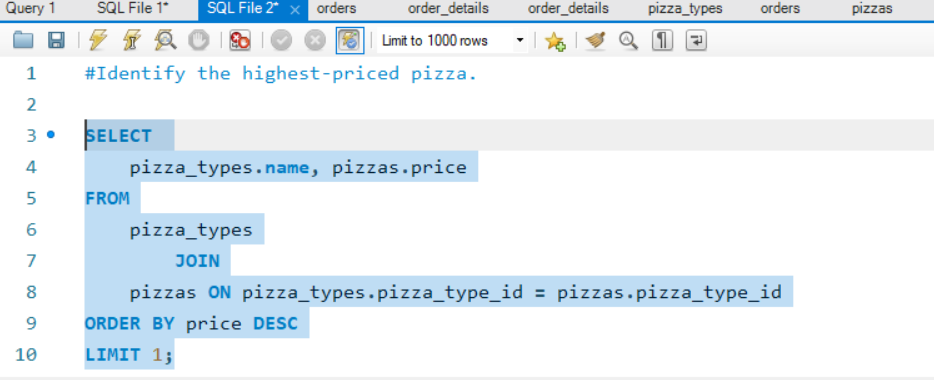
pizza\_types

JOIN

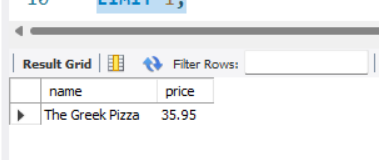
pizzas ON pizza\_types.pizza\_type\_id = pizzas.pizza\_type\_id

ORDER BY price DESC

LIMIT 1;



Output:



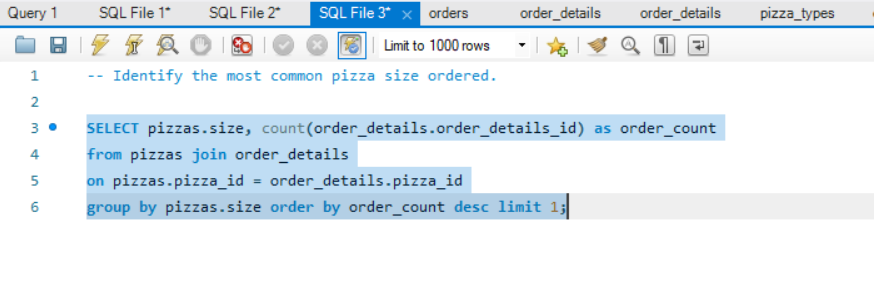
Question 4 : Identify the most common pizza size ordered.

Query:

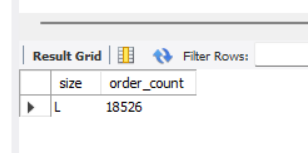
SELECT pizzas.size, count(order\_details.order\_details\_id) as order\_count

from pizzas join order\_details

on pizzas.pizza\_id = order\_details.pizza\_id

group by pizzas.size order by order\_count desc limit 1;

Output



Questions 5: List the top 5 most ordered pizza types along with their quantities.

Query:

SELECT pizza\_types.name,

sum(order\_details.quantity) as quantity

from pizza\_types join pizzas

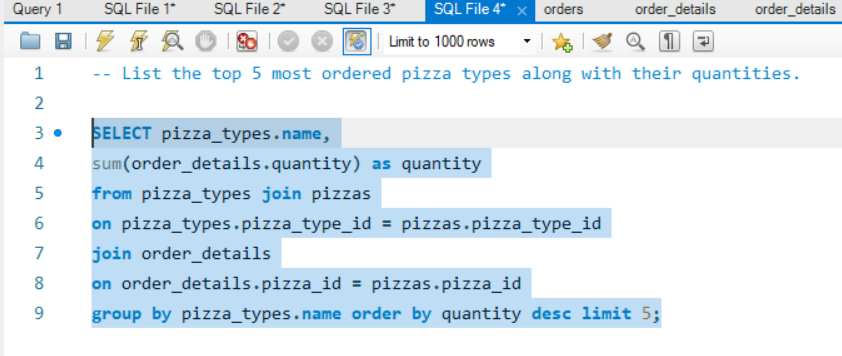
on pizza\_types.pizza\_type\_id = pizzas.pizza\_type\_id

join order\_details

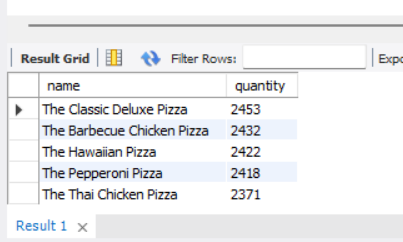
on order\_details.pizza\_id = pizzas.pizza\_id

group by pizza\_types.name order by quantity desc limit 5;

Input:



Output:



Question 6: Join the necessary tables to find the total quantity of each pizza category ordered.

Query:

SELECT pizza\_types.category, sum(order\_details.quantity) as quantity

from pizza\_types join pizzas

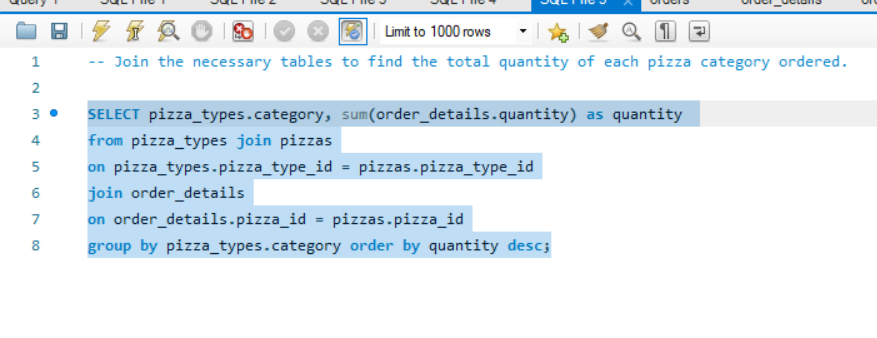
on pizza\_types.pizza\_type\_id = pizzas.pizza\_type\_id

join order\_details

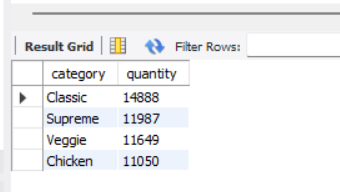
on order\_details.pizza\_id = pizzas.pizza\_id

group by pizza\_types.category order by quantity desc;

Input:



Output:



Question 7 : Determine the distribution of orders by hour of the day.

Query:

SELECT

HOUR(time), COUNT(order\_id)

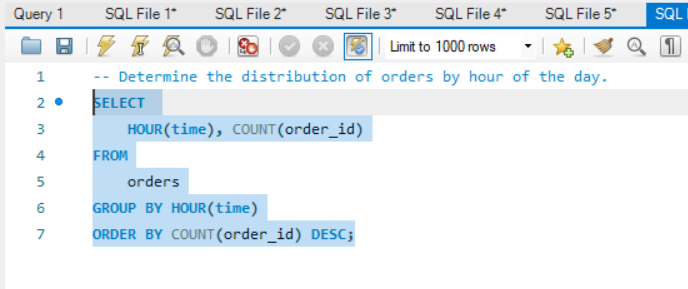
FROM

orders

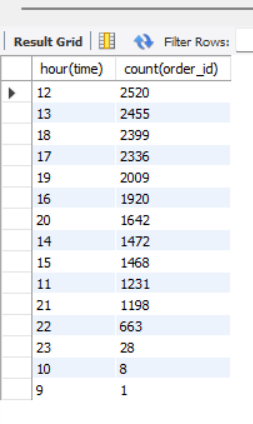
GROUP BY HOUR(time)

ORDER BY COUNT(order\_id) DESC;

Input:



Output:



Question 8 - Join relevant tables to find the category-wise distribution of pizzas.

Query:

SELECT

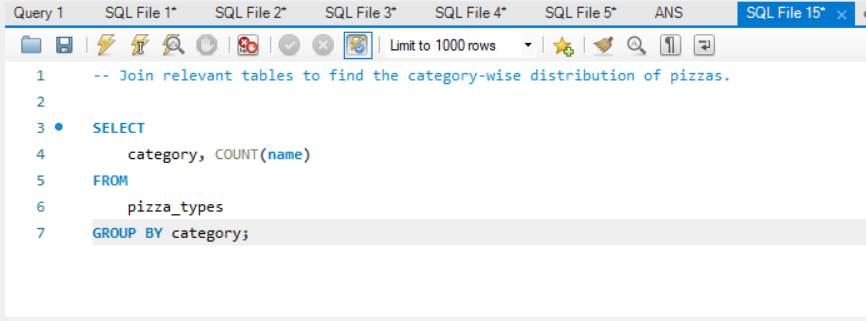
category, COUNT(name)

FROM

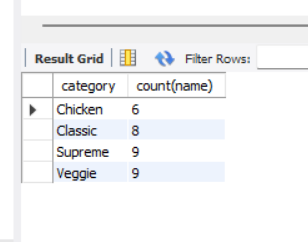
pizza\_types

GROUP BY category;

Input:



Output:



ss