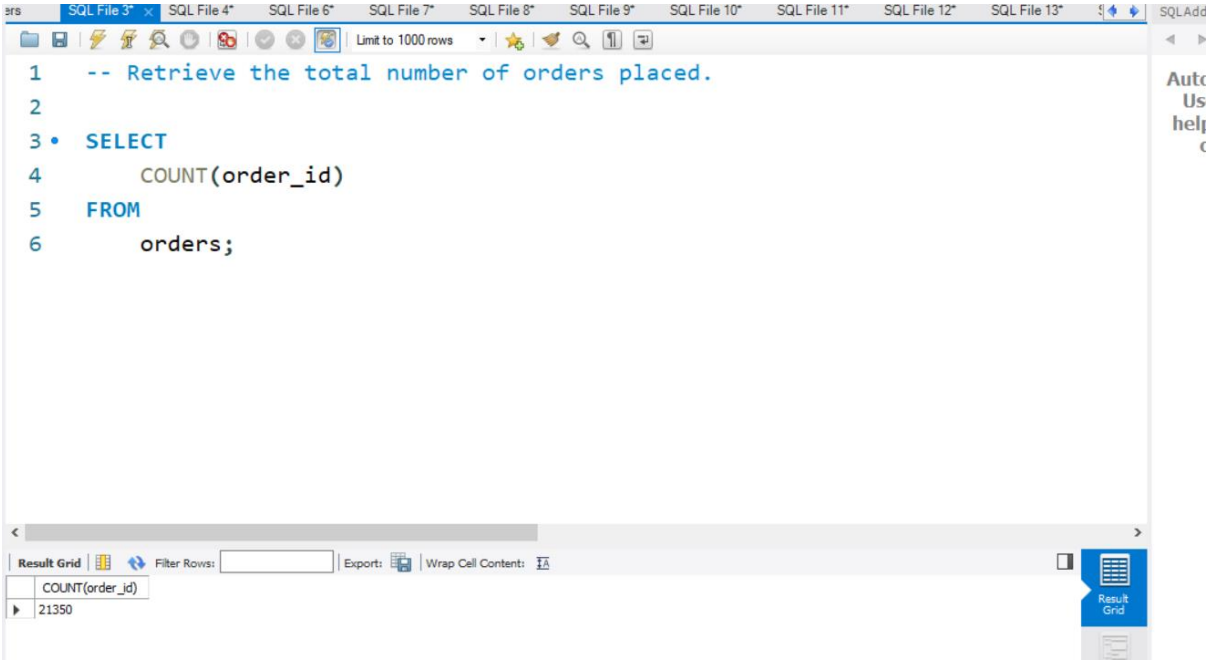
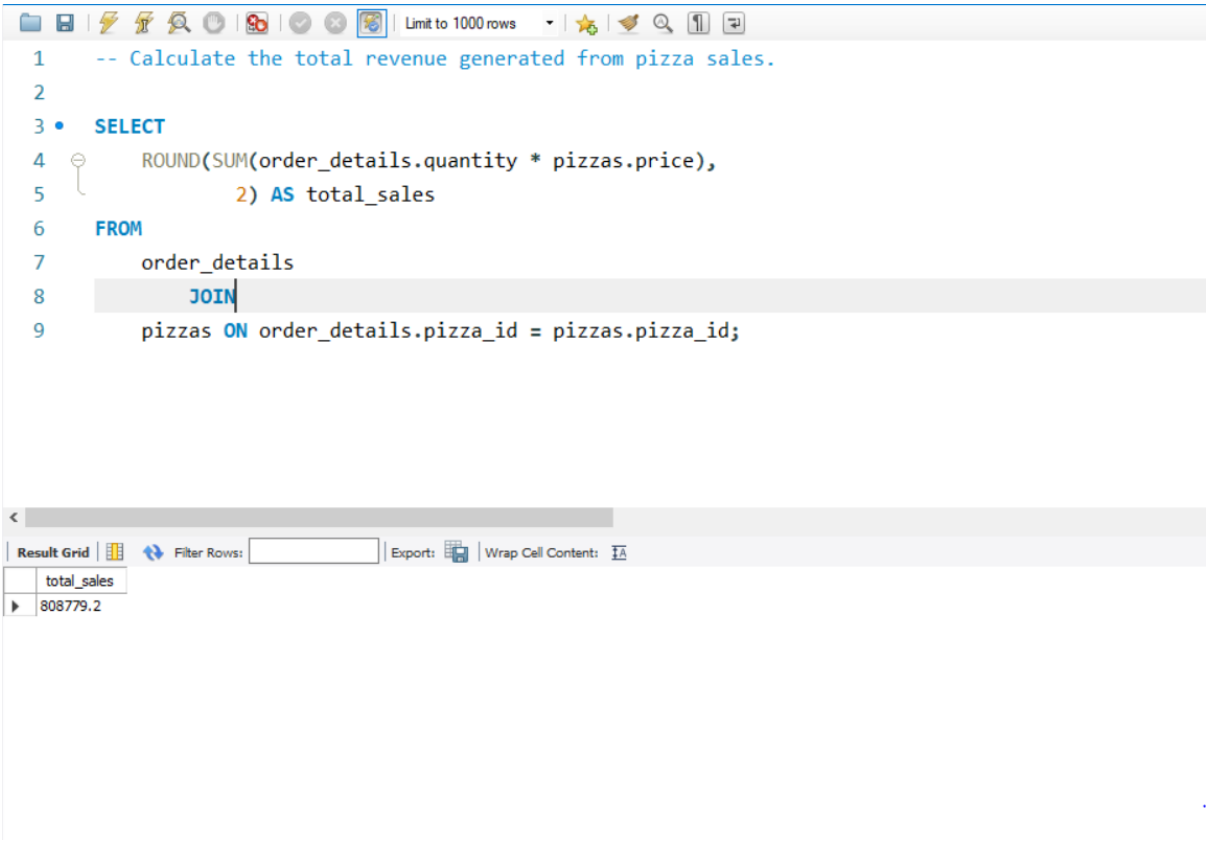

SQL File 3*
SQL File 4*
SQL File 6*
SQL File 7*
SQL File 8*
SQL File 9*
SQL File 10*
SQL File 11*
SQL File 12*
SQL File 13*
Limit to 1000 rows
1 -- Retrieve the total number of orders placed.
2
3 • SELECT
4 COUNT(order_id)
5 FROM
6 orders;
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
COUNT(order_id)
21350
Result Grid


Limit to 1000 rows
1 -- Calculate the total revenue generated from pizza sales.
2
3 • SELECT
4 ROUND(SUM(order_details.quantity * pizzas.price),
5 2) AS total_sales
6 FROM
7 order_details
8 JOIN
9 pizzas ON order_details.pizza_id = pizzas.pizza_id;
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
total_sales
808779.2

```sql
-- Identify the highest-priced pizza.

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;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

name	price
The Greek Pizza	35.95

```sql
-- Identify the most common pizza size ordered.

SELECT
    pizzas.size, COUNT(order_details.order_details_id) AS cnt
FROM
    pizzas
        JOIN
    order_details ON pizzas.pizza_id = order_details.pizza_id
GROUP BY pizzas.size
ORDER BY cnt DESC;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

size	cnt
L	18328
M	15205
S	13988
XL	539
XXL	28

```sql
-- List the top 5 most ordered pizza types along with their quantities.

SELECT
    pizza_types.name, SUM(order_details.quantity) 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
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

name	quantity
The Classic Deluxe Pizza	2417
The Barbecue Chicken Pizza	2406
The Hawaiian Pizza	2397
The Pepperoni Pizza	2393
The Thai Chicken Pizza	2347

```sql
-- Join the necessary tables to find the total quantity of each pizza category ordered.

SELECT
    SUM(order_details.quantity) AS quantity,
    pizza_types.category
FROM
    order_details
        JOIN
    pizzas ON order_details.pizza_id = pizzas.pizza_id
        JOIN
    pizza_types ON pizza_types.pizza_type_id = pizzas.pizza_type_id
GROUP BY pizza_types.category
ORDER BY quantity DESC;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

quantity	category
14712	Classic
11866	Supreme
11508	Veggie
10935	Chicken

```sql
-- Determine the distribution of orders by hour of the day.

SELECT
    HOUR(order_time) AS hours, COUNT(order_id)
FROM
    orders
GROUP BY hours;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

hours	count(order_id)
11	1231
12	2520
13	2455
14	1472
15	1468
16	1920
17	2336
18	2399
19	2009
20	1642
21	1198
22	663
23	28
10	8
9	1

```sql
-- Join relevant tables to find the category-wise distribution of pizzas.

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

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

category	count(name)
Chicken	6
Classic	8
Supreme	9
Veggie	9

```sql
-- Group the orders by date and calculate the average number of pizzas ordered per day.

SELECT
    ROUND(AVG(qty), 0) as avg
FROM
    (SELECT
        orders.order_date, SUM(order_details.quantity) AS qty
    FROM
        orders
    JOIN order_details ON orders.order_id = order_details.order_id
    GROUP BY order_date) AS x;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

avg
139

```sql
-- Determine the top 3 most ordered pizza types based on revenue.

SELECT
    pizza_types.name,
    SUM(pizzas.price * order_details.quantity) AS revenue
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 revenue desc
LIMIT 3;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

name	revenue
The Thai Chicken Pizza	42992.25
The Barbecue Chicken Pizza	42312.5
The California Chicken Pizza	40936.5

```sql
-- Calculate the percentage contribution of each pizza type to total revenue.
SELECT
    pizza_types.category,
   round( (SUM(pizzas.price * order_details.quantity)/ (SELECT
    ROUND(SUM(order_details.quantity * pizzas.price),
            2) AS total_sales
FROM
    order_details
        JOIN
    pizzas ON order_details.pizza_id = pizzas.pizza_id))*100,2) as revenue 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 revenue desc
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

category	revenue
Classic	26.89
Supreme	25.48
Chicken	23.97
Veggie	23.66