PIZZA SALES ANALYSIS USING MYSQL

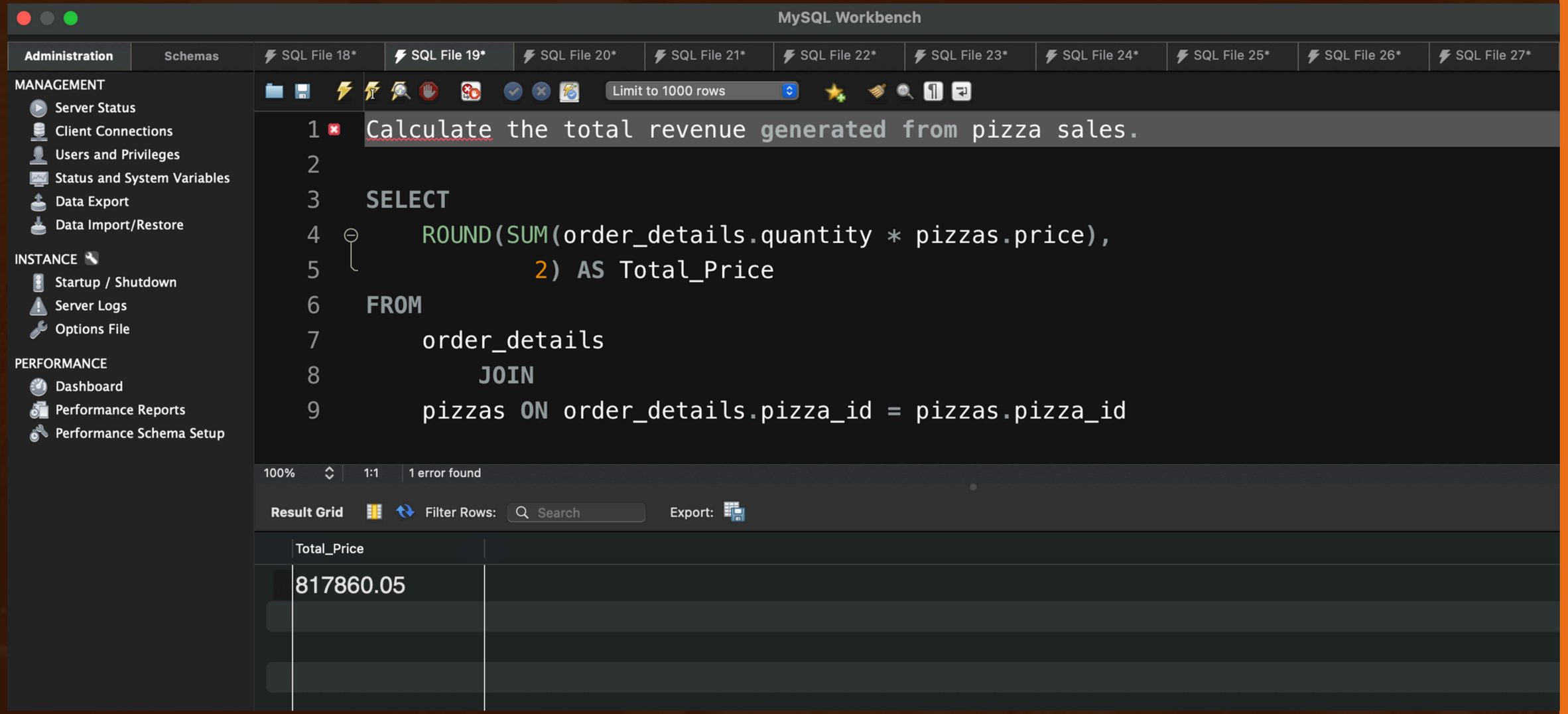
Pizza is a globally loved fast food, and tracking its sales helps businesses optimize their performance. This project focuses on analyzing pizza sales using MySQL. The database consists of multiple tables containing order details, pizza types, sales transactions, and customer information. Through SQL queries, we derive insights into revenue, top-selling pizzas, and order patterns.

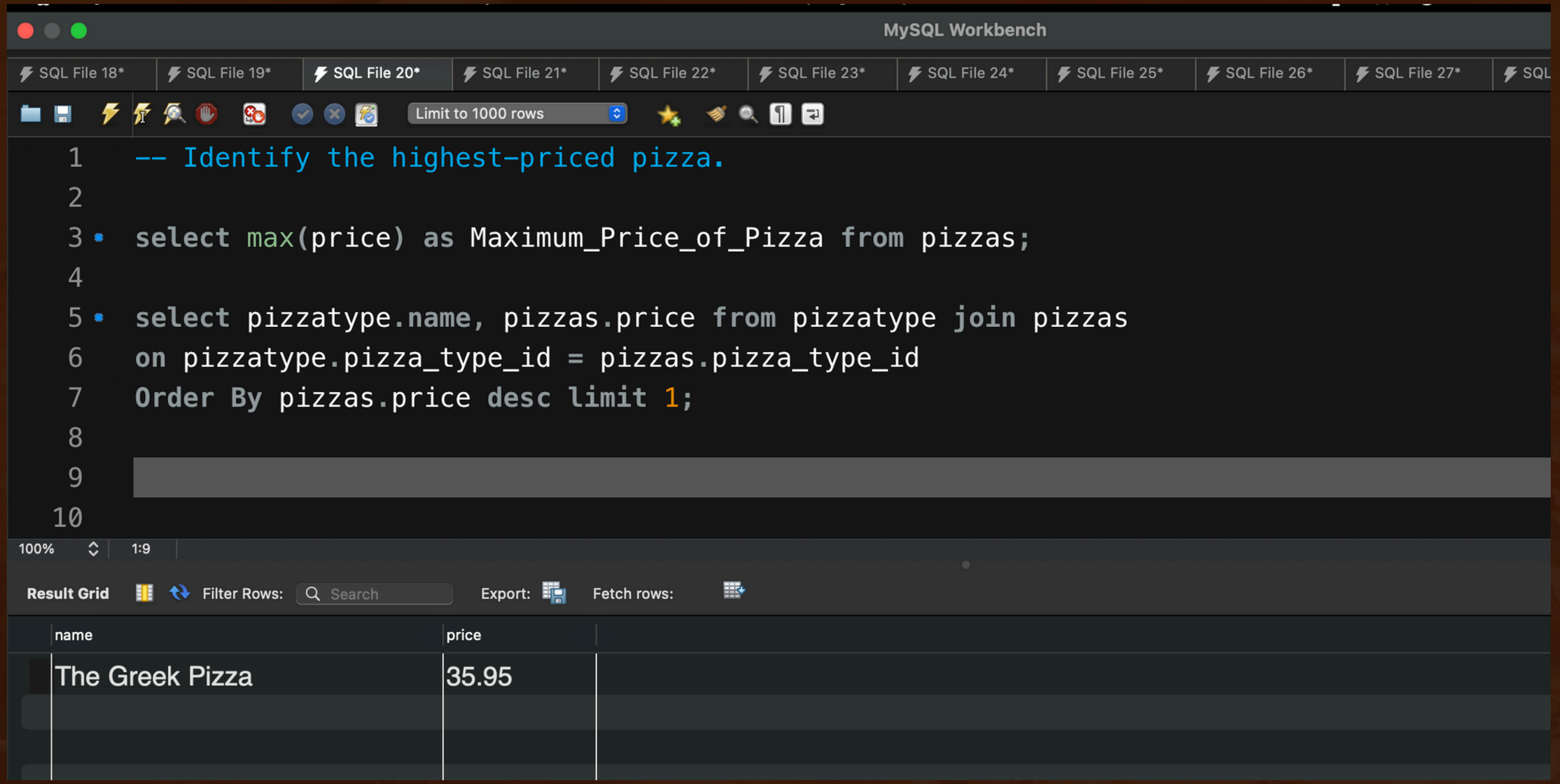
```
6
7  Retrieve the total number of orders placed.
8  select count(order_id) as Total_number_of_order from orders;
9
10
```

100% 1:7 1 error found

Result Grid Filter Rows: Search Export:

Total_number_of_order
21350


MySQL Workbench
Administration
Schemas
SQL File 18*
SQL File 19*
SQL File 20*
SQL File 21*
SQL File 22*
SQL File 23*
SQL File 24*
SQL File 25*
SQL File 26*
SQL File 27*
MANAGEMENT
Server Status
Client Connections
Users and Privileges
Status and System Variables
Data Export
Data Import/Restore
INSTANCE
Startup / Shutdown
Server Logs
Options File
PERFORMANCE
Dashboard
Performance Reports
Performance Schema Setup
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_Price
6 FROM
7 order_details
8 JOIN
9 pizzas ON order_details.pizza_id = pizzas.pizza_id
100%
1:1
1 error found
Result Grid
Filter Rows:
Search
Export:
Total_Price
817860.05


MySQL Workbench
SQL File 18*
SQL File 19*
SQL File 20*
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SQL File 22*
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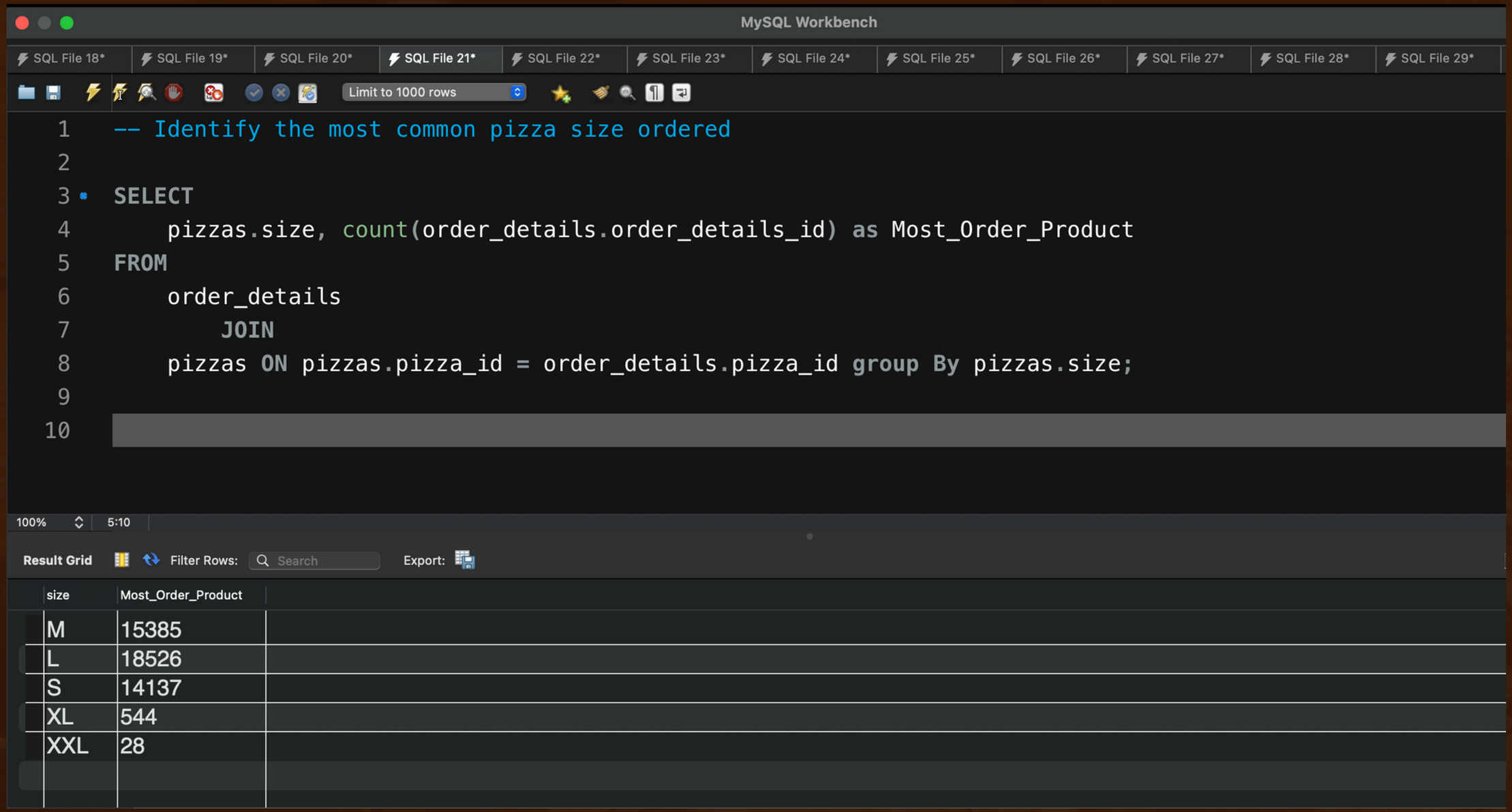
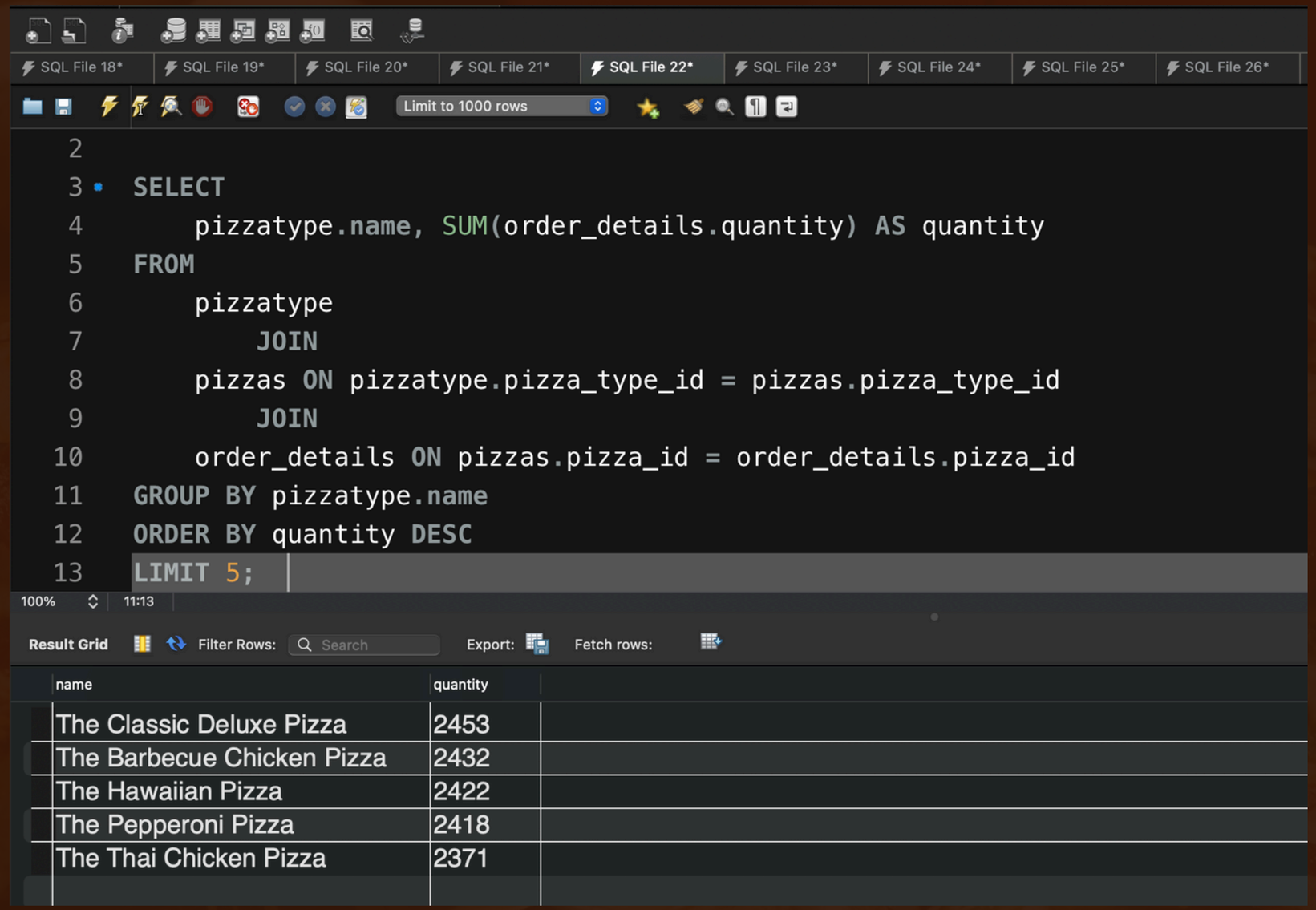
SQL File 24*
SQL File 25*
SQL File 26*
SQL File 27*
Limit to 1000 rows
-- Identify the highest-priced pizza.
select max(price) as Maximum_Price_of_Pizza from pizzas;
select pizzatype.name, pizzas.price from pizzatype join pizzas
on pizzatype.pizza_type_id = pizzas.pizza_type_id
Order By pizzas.price desc limit 1;
100%
1:9
Result Grid
Filter Rows:
Search
Export:
Fetch rows:
name
price
The Greek Pizza
35.95


MySQL Workbench
SQL File 18*
SQL File 19*
SQL File 20*
SQL File 21*
SQL File 22*
SQL File 23*
SQL File 24*
SQL File 25*
SQL File 26*
SQL File 27*
SQL File 28*
SQL File 29*
Limit to 1000 rows
-- Identify the most common pizza size ordered
SELECT
pizzas.size, count(order_details.order_details_id) as Most_Order_Product
FROM
order_details
JOIN
pizzas ON pizzas.pizza_id = order_details.pizza_id group By pizzas.size;
100%
5:10
Result Grid
Filter Rows:
Search
Export:
size
Most_Order_Product
M
15385
L
18526
S
14137
XL
544
XXL
28


SQL File 18*
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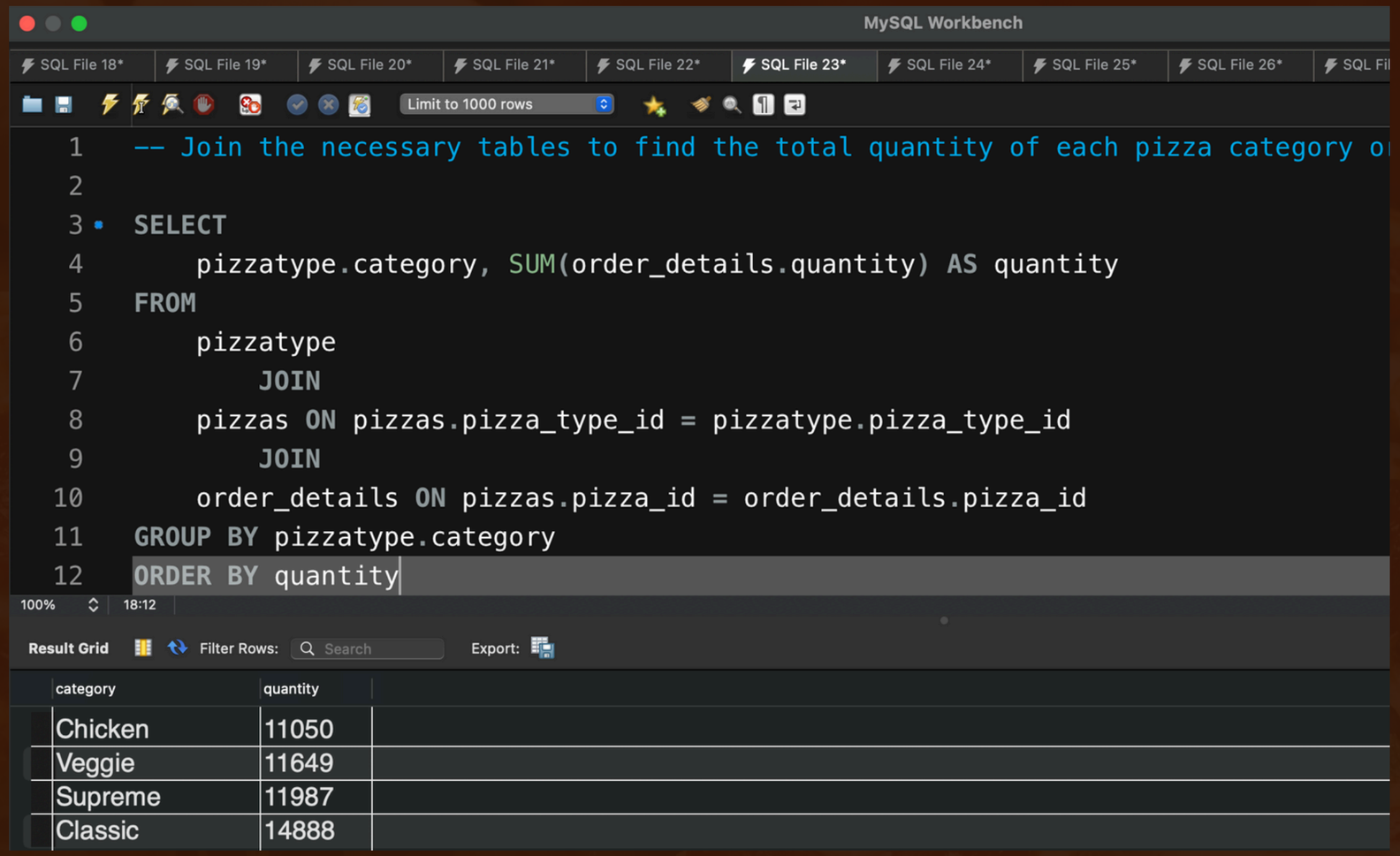
SQL File 20*
SQL File 21*
SQL File 22*
SQL File 23*
SQL File 24*
SQL File 25*
SQL File 26*
Limit to 1000 rows
SELECT
pizzatype.name, SUM(order_details.quantity) AS quantity
FROM
pizzatype
JOIN
pizzas ON pizzatype.pizza_type_id = pizzas.pizza_type_id
JOIN
order_details ON pizzas.pizza_id = order_details.pizza_id
GROUP BY pizzatype.name
ORDER BY quantity DESC
LIMIT 5;
100%
11:13
Result Grid
Filter Rows:
Search
Export:
Fetch rows:
name
quantity
The Classic Deluxe Pizza
2453
The Barbecue Chicken Pizza
2432
The Hawaiian Pizza
2422
The Pepperoni Pizza
2418
The Thai Chicken Pizza
2371


MySQL Workbench
SQL File 18*
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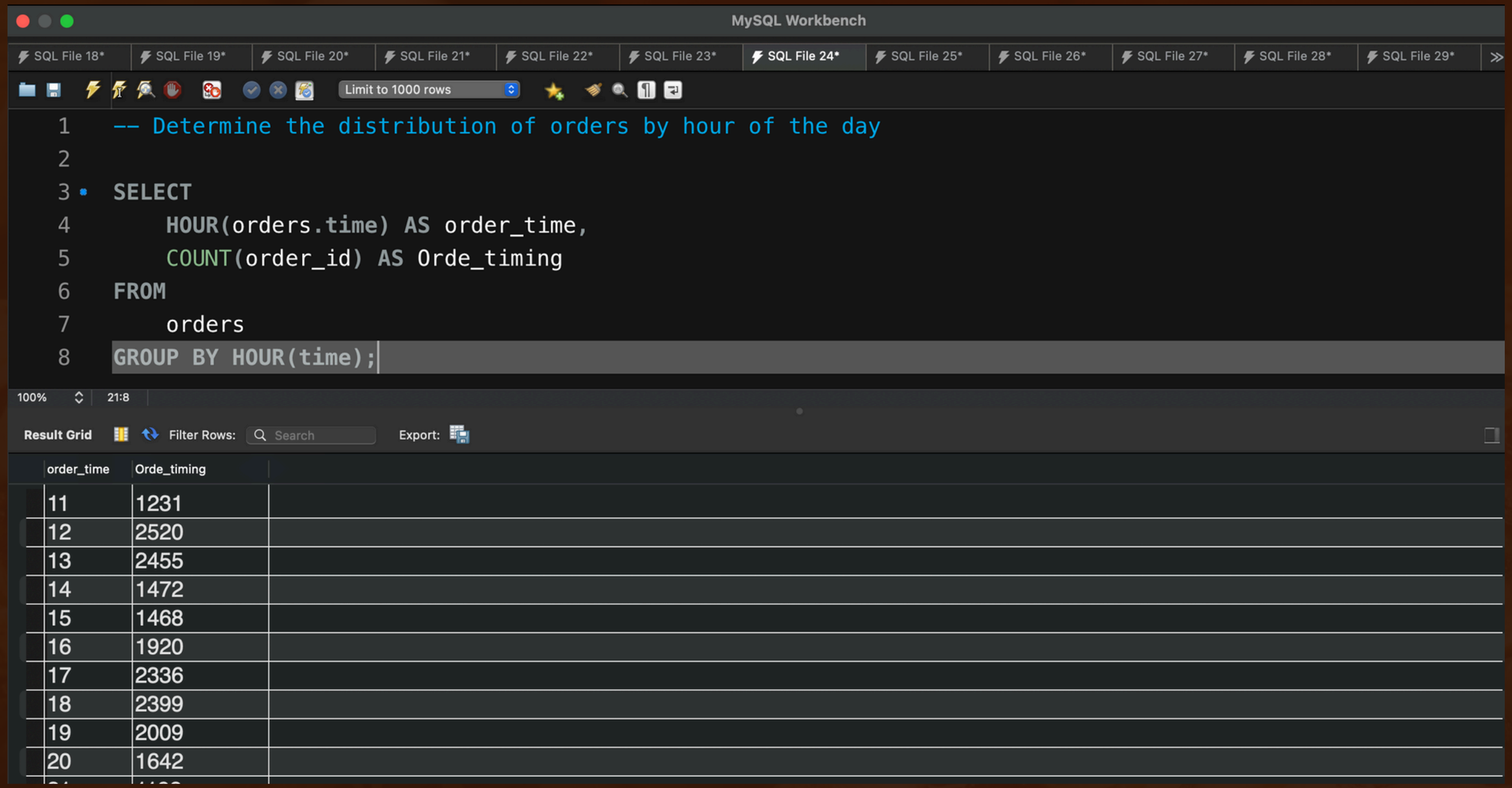
SQL File 24*
SQL File 25*
SQL File 26*
Limit to 1000 rows
-- Join the necessary tables to find the total quantity of each pizza category o
SELECT
pizzatype.category, SUM(order_details.quantity) AS quantity
FROM
pizzatype
JOIN
pizzas ON pizzas.pizza_type_id = pizzatype.pizza_type_id
JOIN
order_details ON pizzas.pizza_id = order_details.pizza_id
GROUP BY pizzatype.category
ORDER BY quantity
100%
18:12
Result Grid
Filter Rows:
Search
Export:
category
quantity
Chicken
11050
Veggie
11649
Supreme
11987
Classic
14888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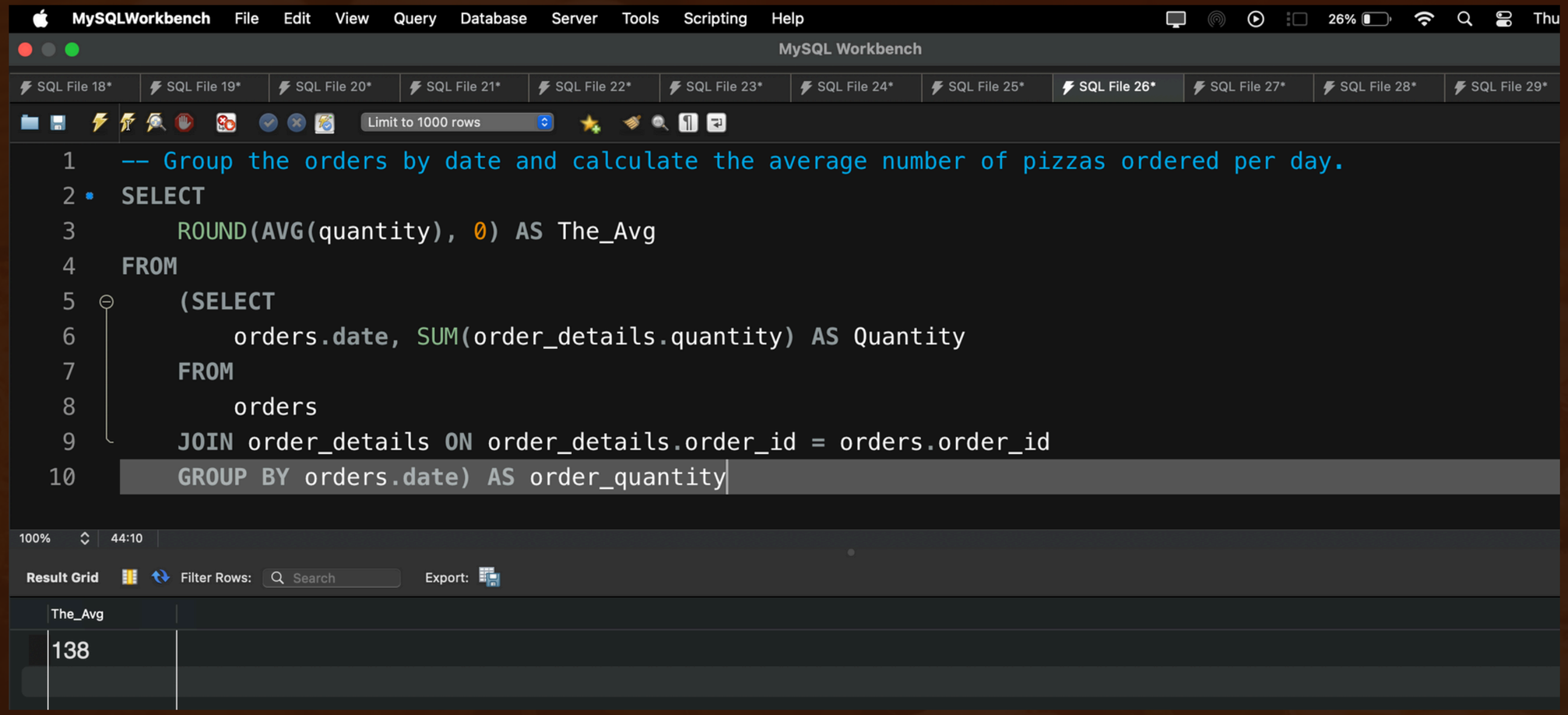
SQL File 23*
SQL File 24*
SQL File 25*
SQL File 26*
SQL File 27*
SQL File 28*
SQL File 29*
Limit to 1000 rows
-- Determine the distribution of orders by hour of the day
SELECT
HOUR(orders.time) AS order_time,
COUNT(order_id) AS Orde_timing
FROM
orders
GROUP BY HOUR(time);
100%
21:8
Result Grid
Filter Rows:
Search
Export:
order_time
Orde_timing
11 1231
12 2520
13 2455
14 1472
15 1468
16 1920
17 2336
18 2399
19 2009
20 1642


MySQLWorkbench File Edit View Query Database Server Tools Scripting Help
26%
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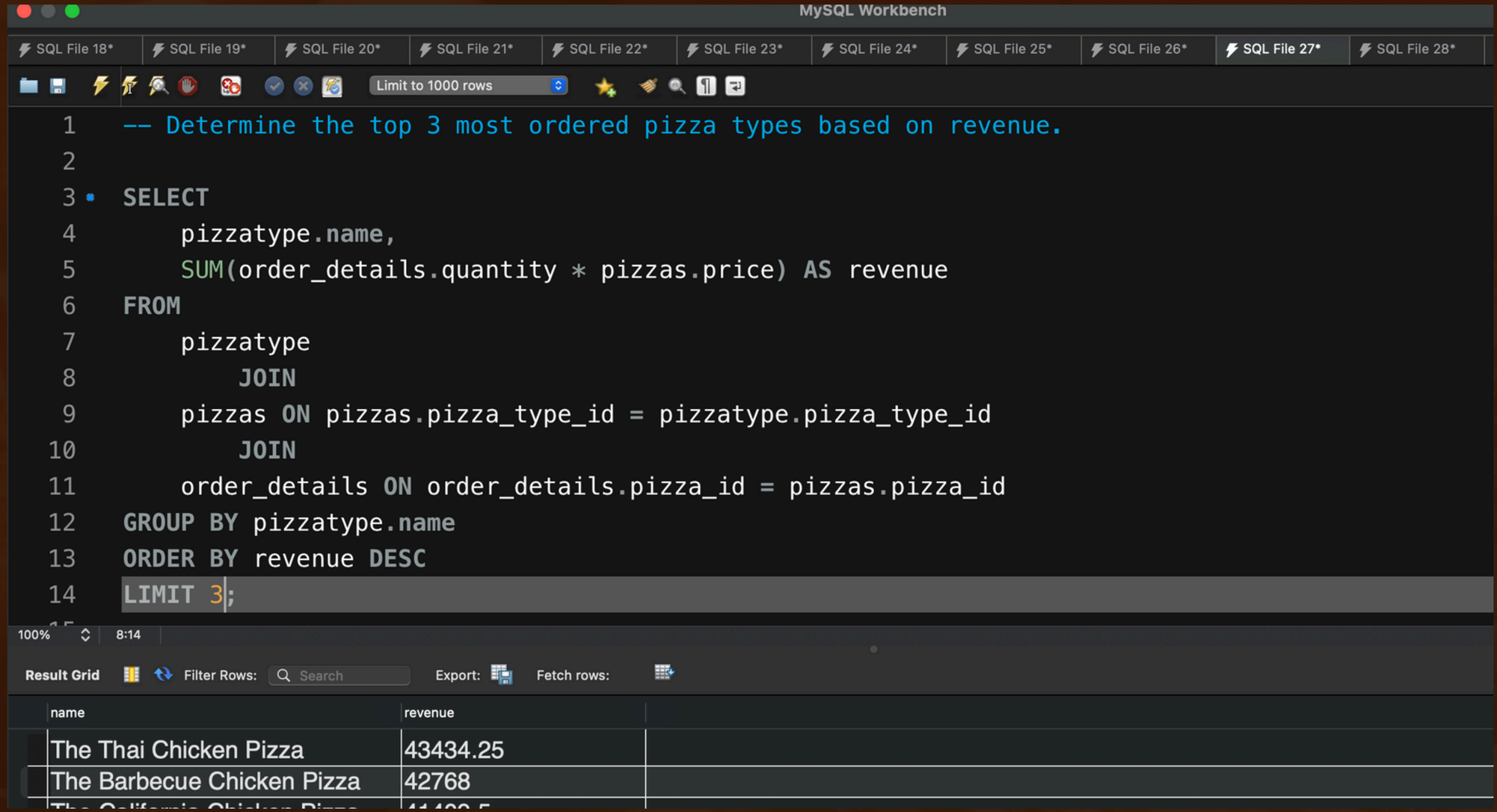
MySQL Workbench
SQL File 18* SQL File 19* SQL File 20* SQL File 21* SQL File 22* SQL File 23* SQL File 24* SQL File 25* SQL File 26* SQL File 27* SQL File 28* SQL File 29*
Limit to 1000 rows
-- Group the orders by date and calculate the average number of pizzas ordered per day.
SELECT
ROUND(AVG(quantity), 0) AS The_Avg
FROM
(SELECT
orders.date, SUM(order_details.quantity) AS Quantity
FROM
orders
JOIN order_details ON order_details.order_id = orders.order_id
GROUP BY orders.date) AS order_quantity
100%
44:10
Result Grid
Filter Rows:
Search
Export:
The_Avg
138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SQL File 24*
SQL File 25*
SQL File 26*
SQL File 27*
SQL File 28*
Limit to 1000 rows
-- Determine the top 3 most ordered pizza types based on revenue.
SELECT
pizzatype.name,
SUM(order_details.quantity * pizzas.price) AS revenue
FROM
pizzatype
JOIN
pizzas ON pizzas.pizza_type_id = pizzatype.pizza_type_id
JOIN
order_details ON order_details.pizza_id = pizzas.pizza_id
GROUP BY pizzatype.name
ORDER BY revenue DESC
LIMIT 3;
100%
8:14
Result Grid
Filter Rows:
Search
Export:
Fetch rows:
name
revenue
The Thai Chicken Pizza
43434.25
The Barbecue Chicken Pizza
42768

THANK YOU FOR ATTENTION