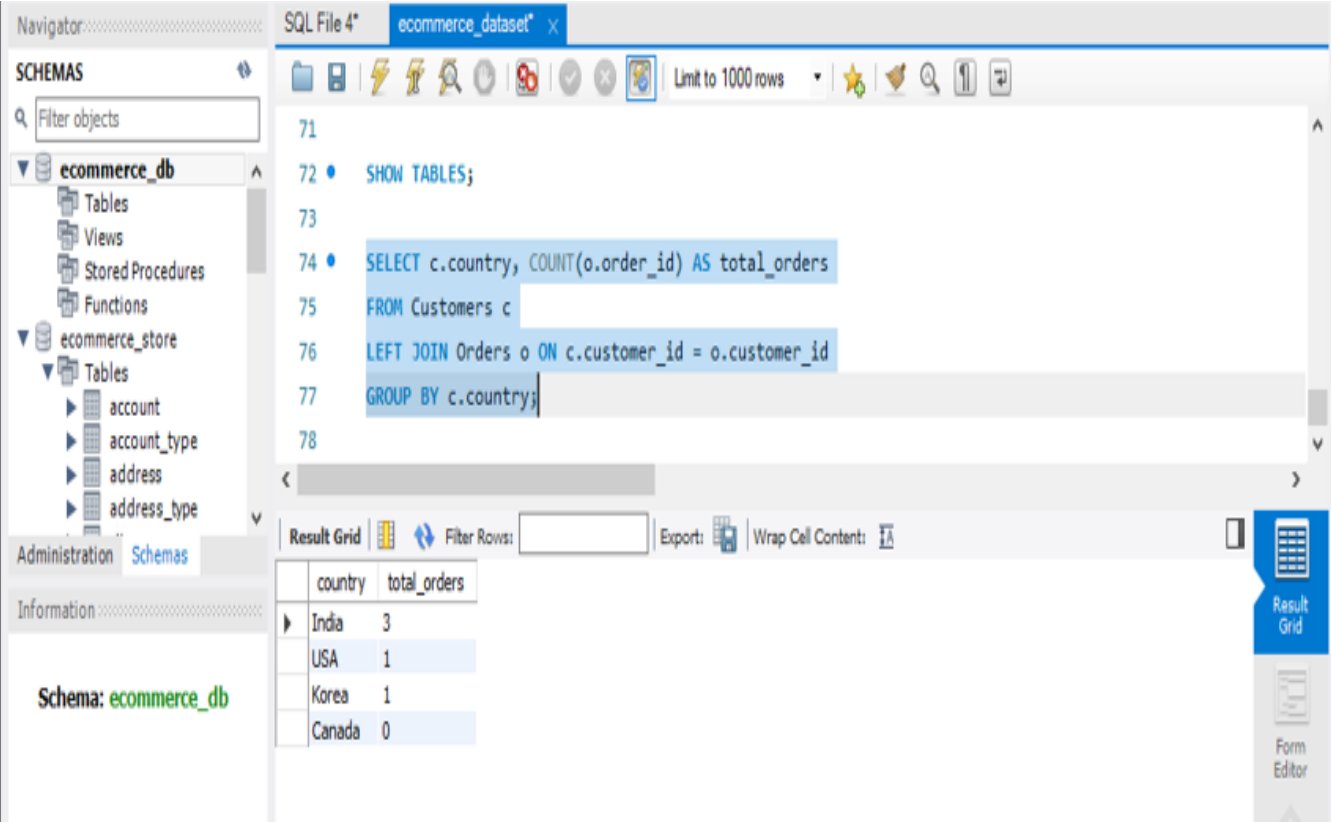


SQL SELECT QUERIES OUTPUT

1 Orders Count by Country

Query Summary

This query shows how many orders were placed from each country. It connects the Customers table with the Orders table and counts the number of orders for every country.



The screenshot displays a SQL IDE interface. On the left, a 'Navigator' pane shows a database schema with 'ecommerce_db' selected. The main editor window shows a SQL query with line numbers 71 through 78. The query is as follows:

```
71  
72 • SHOW TABLES;  
73  
74 • SELECT c.country, COUNT(o.order_id) AS total_orders  
75 FROM Customers c  
76 LEFT JOIN Orders o ON c.customer_id = o.customer_id  
77 GROUP BY c.country;  
78
```

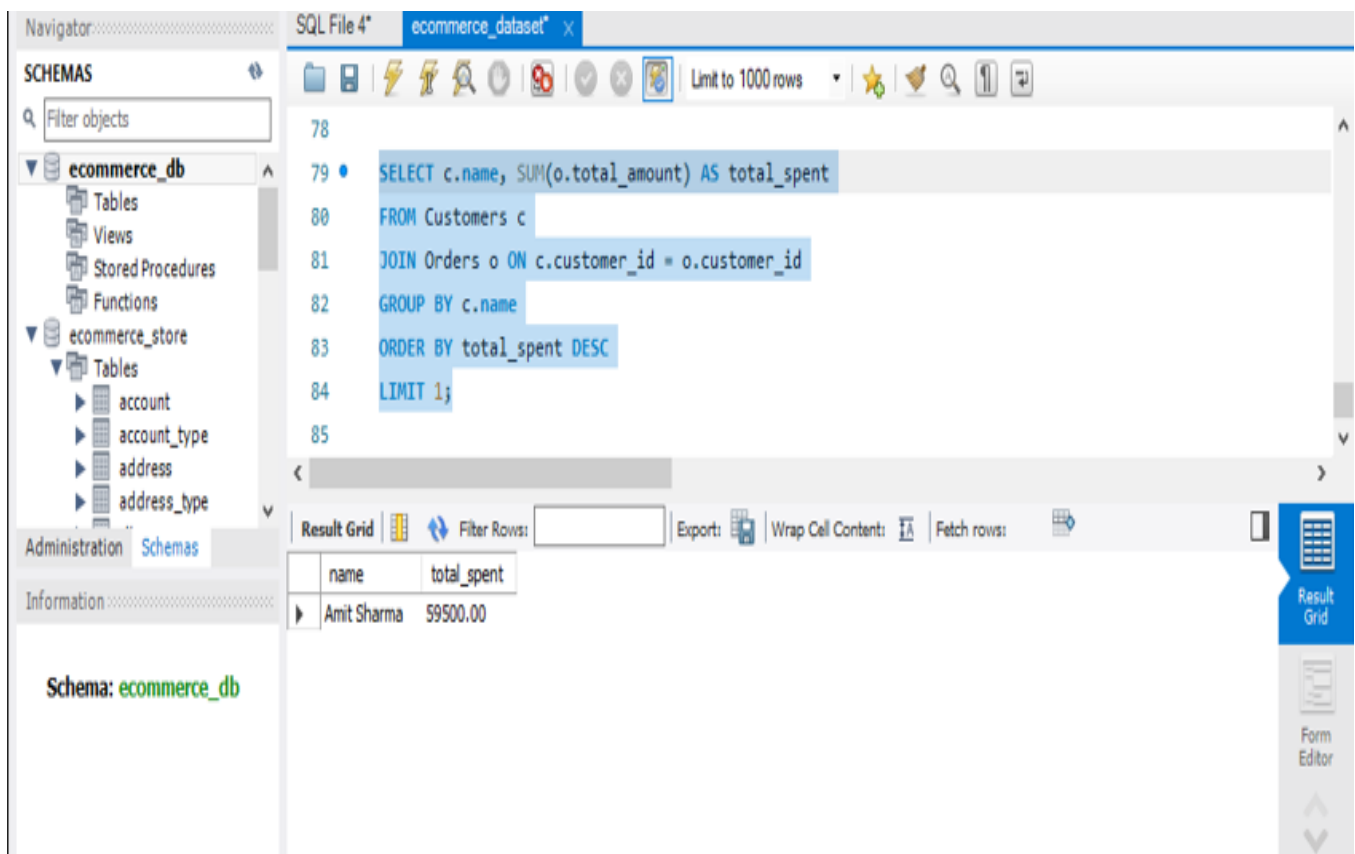
Below the query editor, the 'Result Grid' is visible, showing the output of the query. The results are as follows:

| country | total_orders |
|---------|--------------|
| India | 3 |
| USA | 1 |
| Korea | 1 |
| Canada | 0 |

2 Highest Spending Customer

Query Summary

This query calculates how much each customer has spent in total and then identifies the customer who spent the most. It uses **SUM(total_amount)** on the **Orders** table.



The screenshot shows a database management interface with a left-hand sidebar containing a 'SCHEMAS' tree. The tree is expanded to show the 'ecommerce_db' schema, which includes 'Tables', 'Views', 'Stored Procedures', and 'Functions'. Under 'ecommerce_store', there are 'Tables' for 'account', 'account_type', 'address', and 'address_type'. The main window displays an SQL query in a text editor, with line numbers 78 to 85. The query is as follows:

```
78  
79 • SELECT c.name, SUM(o.total_amount) AS total_spent  
80 FROM Customers c  
81 JOIN Orders o ON c.customer_id = o.customer_id  
82 GROUP BY c.name  
83 ORDER BY total_spent DESC  
84 LIMIT 1;  
85
```

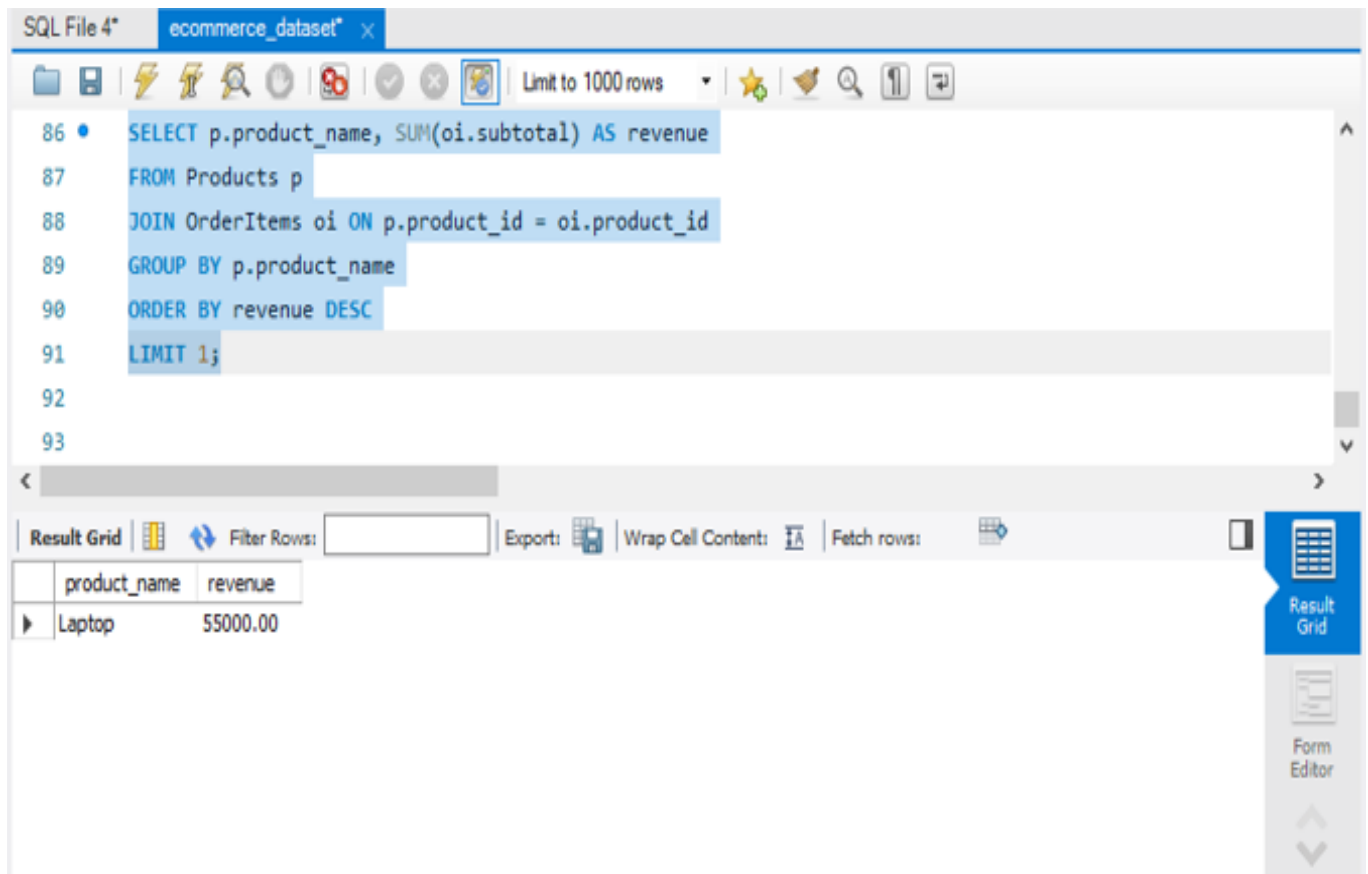
Below the query editor, there is a 'Result Grid' section. It shows a table with two columns: 'name' and 'total_spent'. The first row of data is 'Amit Sharma' with a total spent of '59500.00'. The interface also includes a top toolbar with various icons and a bottom toolbar with 'Filter Rows', 'Exports', 'Wrap Cell Contents', and 'Fetch rows' options. On the right side, there are buttons for 'Result Grid' and 'Form Editor'.

| name | total_spent |
|-------------|-------------|
| Amit Sharma | 59500.00 |

3 Product with the Highest Revenue

Query Summary

This query finds out which product generated the highest revenue. It sums the subtotal from the OrderItems table for each product.



The screenshot shows a SQL IDE window titled "ecommerce_dataset". The query editor contains the following SQL code:

```
86 • SELECT p.product_name, SUM(oi.subtotal) AS revenue
87 FROM Products p
88 JOIN OrderItems oi ON p.product_id = oi.product_id
89 GROUP BY p.product_name
90 ORDER BY revenue DESC
91 LIMIT 1;
92
93
```

Below the query editor, the "Result Grid" tab is active, displaying the results of the query. The results are as follows:

| product_name | revenue |
|--------------|----------|
| Laptop | 55000.00 |

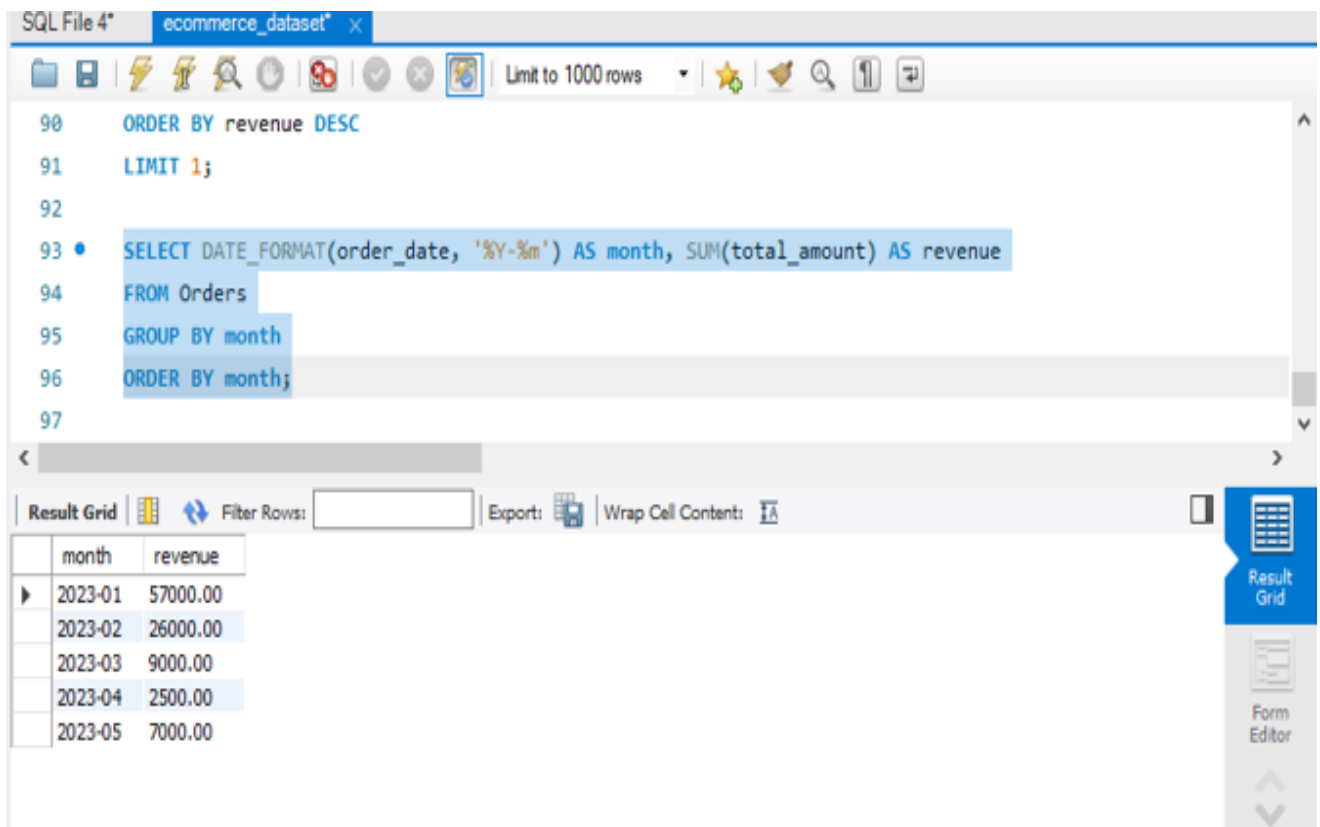
The interface includes a toolbar at the top with various icons for file operations, a "Limit to 1000 rows" dropdown, and a "Filter Rows" input field. On the right side, there are buttons for "Result Grid" and "Form Editor".

4 Monthly Revenue Report

Query Summary

This query calculates total monthly revenue by formatting the order date into a YEAR-MONTH format.

Then it groups orders by month to get monthly earnings.



The screenshot shows a SQL IDE window titled "SQL File 4*" with a tab for "ecommerce_dataset". The query editor contains the following SQL code:

```
90 ORDER BY revenue DESC
91 LIMIT 1;
92
93 • SELECT DATE_FORMAT(order_date, '%Y-%m') AS month, SUM(total_amount) AS revenue
94 FROM Orders
95 GROUP BY month
96 ORDER BY month;
97
```

Below the query editor, the "Result Grid" is displayed, showing the results of the query. The grid has two columns: "month" and "revenue". The results are as follows:

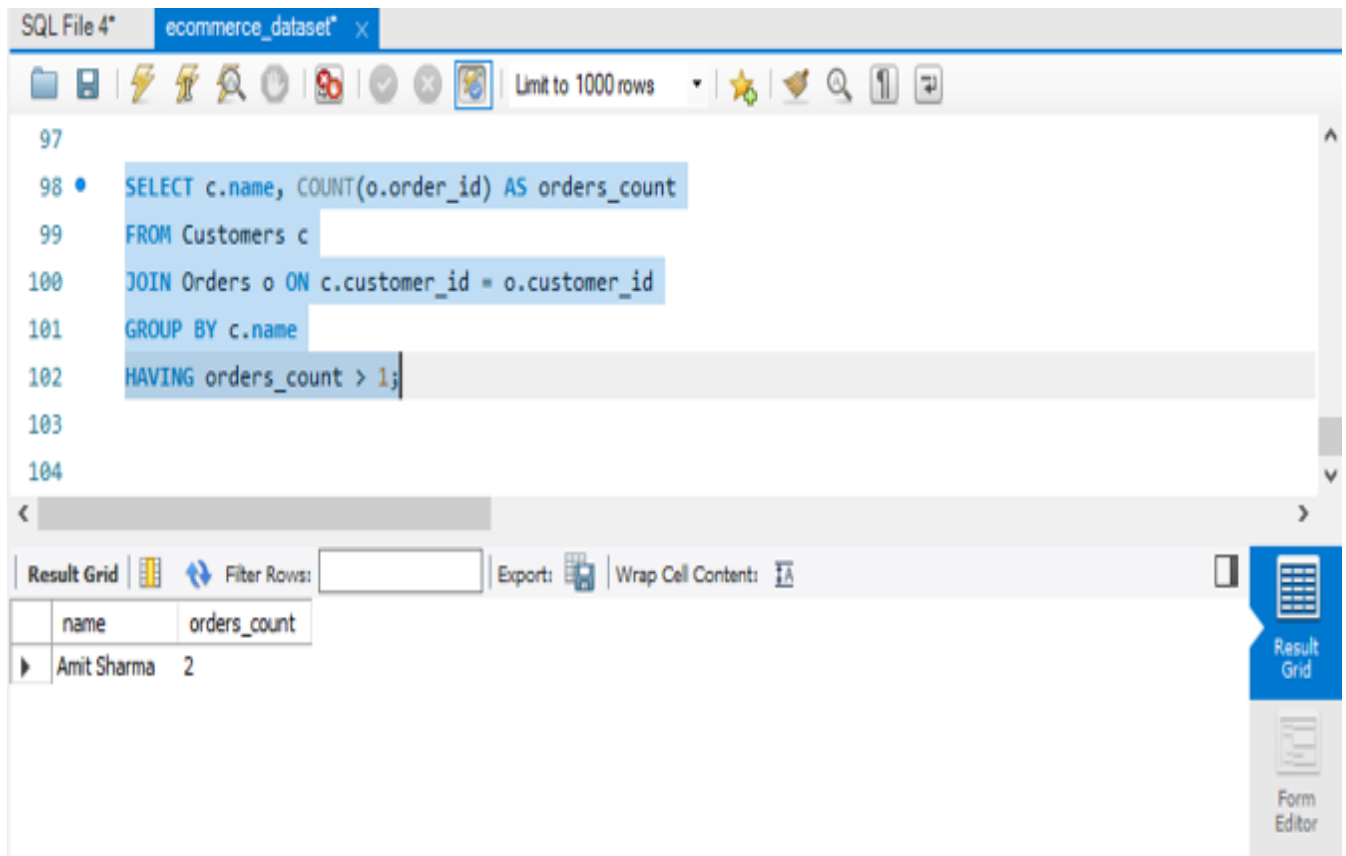
| month | revenue |
|---------|----------|
| 2023-01 | 57000.00 |
| 2023-02 | 26000.00 |
| 2023-03 | 9000.00 |
| 2023-04 | 2500.00 |
| 2023-05 | 7000.00 |

The interface includes a toolbar with various icons, a "Limit to 1000 rows" dropdown, and a "Filter Rows" input field. The "Result Grid" tab is active, and the "Form Editor" tab is also visible.

5 Customers with More Than One Order

Query Summary

This query finds customers who placed more than one order. It groups orders by customer and filters using the HAVING clause.



The screenshot shows a SQL IDE window titled "SQL File 4*" with a sub-tab "ecommerce_dataset". The query editor contains the following SQL code:

```
97  
98 • SELECT c.name, COUNT(o.order_id) AS orders_count  
99 FROM Customers c  
100 JOIN Orders o ON c.customer_id = o.customer_id  
101 GROUP BY c.name  
102 HAVING orders_count > 1;  
103  
104
```

Below the query editor, the "Result Grid" tab is active, displaying the results of the query. The results are as follows:

| name | orders_count |
|-------------|--------------|
| Amit Sharma | 2 |

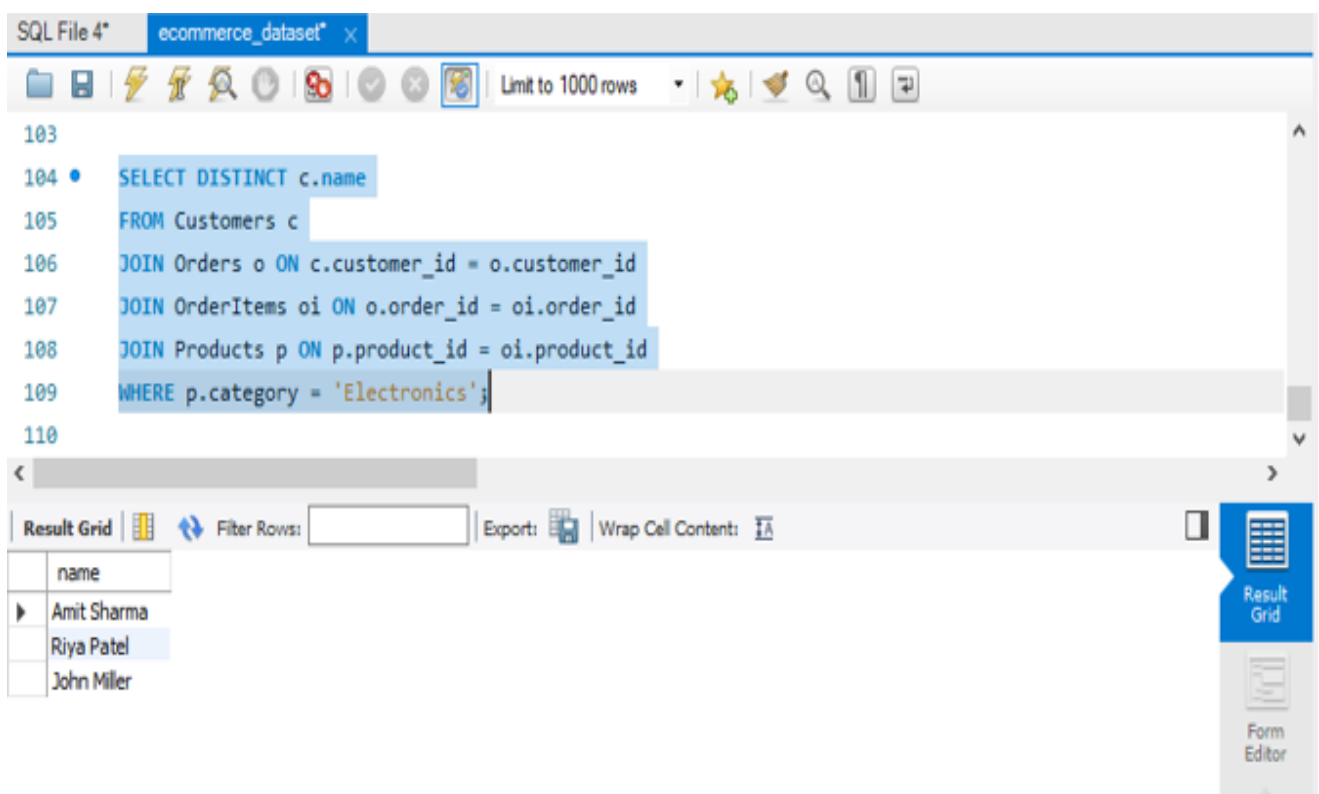
The interface also includes a toolbar with various icons, a "Limit to 1000 rows" dropdown, and a "Filter Rows" input field. On the right side, there are buttons for "Result Grid" and "Form Editor".

6 Customers Who Bought Electronics

Query Summary

This query finds all customers who purchased items from the Electronics category.

It joins Customers → Orders → OrderItems → Products to trace category-wise purchases.



The screenshot shows a SQL IDE window titled "SQL File 4*" with a tab for "ecommerce_dataset". The query editor contains the following SQL code:

```
103
104 • SELECT DISTINCT c.name
105 FROM Customers c
106 JOIN Orders o ON c.customer_id = o.customer_id
107 JOIN OrderItems oi ON o.order_id = oi.order_id
108 JOIN Products p ON p.product_id = oi.product_id
109 WHERE p.category = 'Electronics';
110
```

Below the query editor, the "Result Grid" is displayed, showing the results of the query. The grid has a single column labeled "name" and contains three rows of data:

| name |
|-------------|
| Amit Sharma |
| Riya Patel |
| John Miller |

On the right side of the IDE, there are buttons for "Result Grid" and "Form Editor".