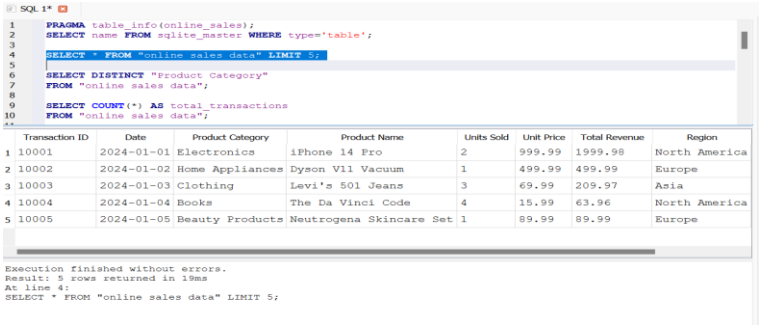
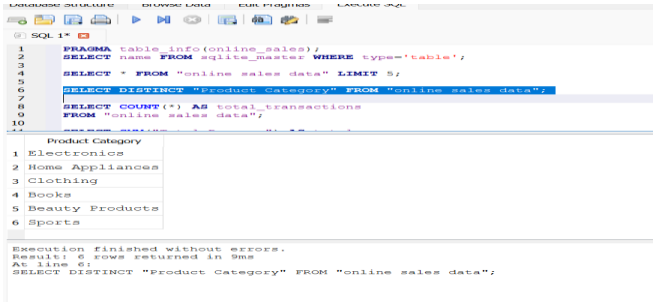
Query 1: Show first 10 rows

SELECT * FROM "online sales_data" LIMIT 10;



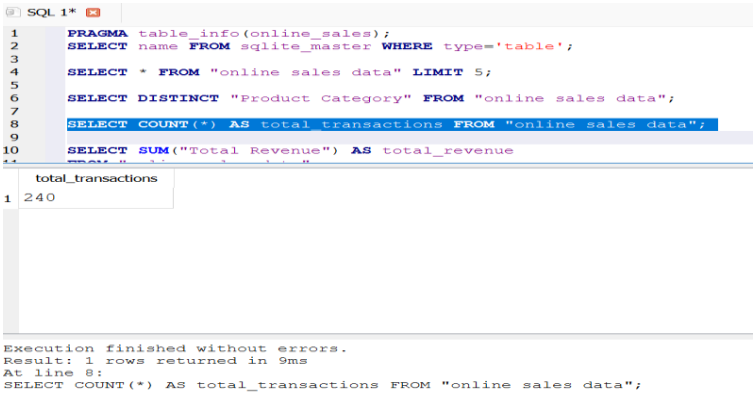
Query 2: List unique product categories

SELECT DISTINCT "Product Category" FROM "online sales_data";



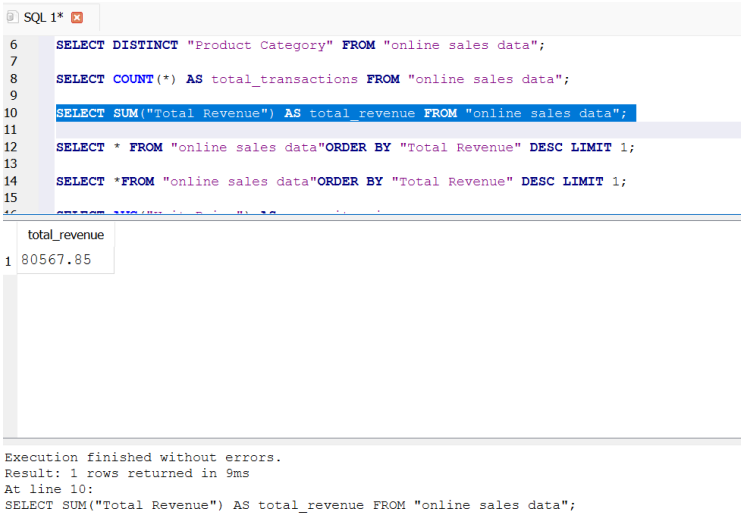
Query 3: Count total number of transactions

SELECT COUNT(*) AS total_transactions FROM "online sales data";



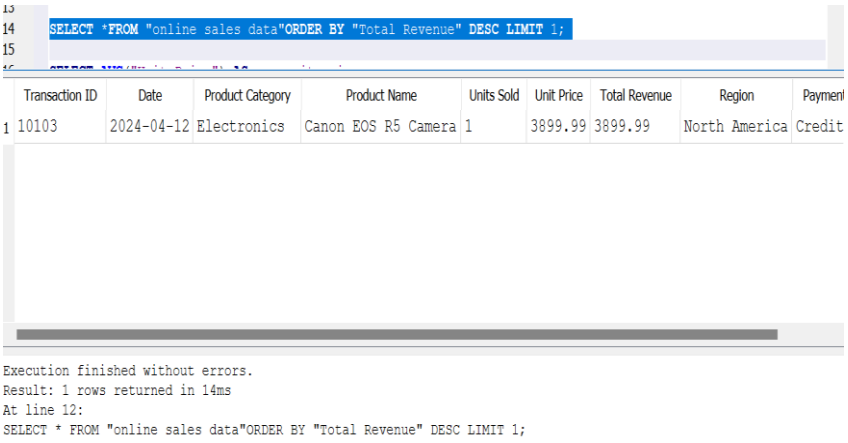
Query 4: Find total revenue earned

SELECT SUM("Total Revenue") AS total_revenue FROM "online sales data"



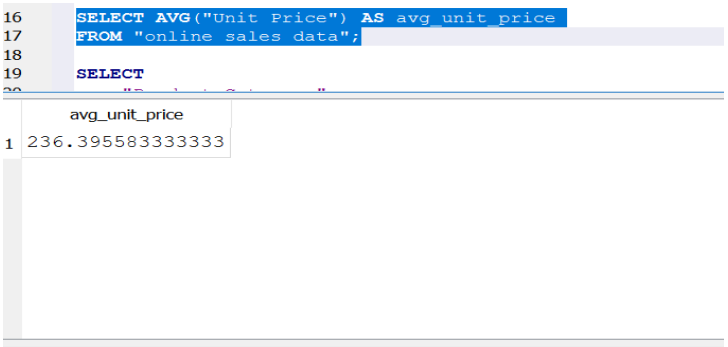
Query 5: Find the highest revenue transaction

SELECT * FROM "online sales data"ORDER BY "Total Revenue" DESC LIMIT 1;



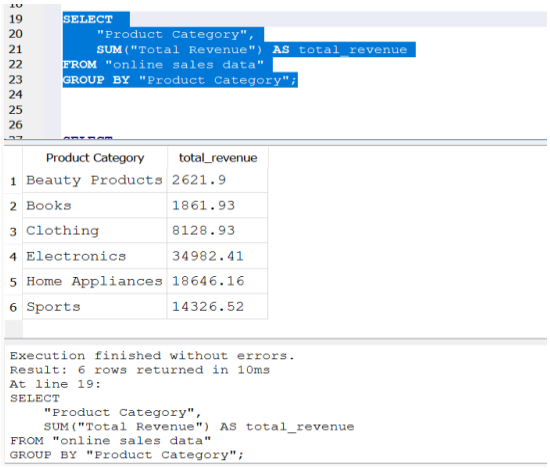
Query 6: Find average unit price

SELECT AVG("Unit Price") AS avg_unit_price FROM "online sales_data";



Query 7: Total revenue by product category

SELECT "Product Category", SUM("Total Revenue") AS total_revenue FROM "online sales_data" GROUP BY "Product Category";



```
SELECT
    "Product Category",
    SUM("Total Revenue") AS total_revenue
FROM "online sales data"
GROUP BY "Product Category";
```

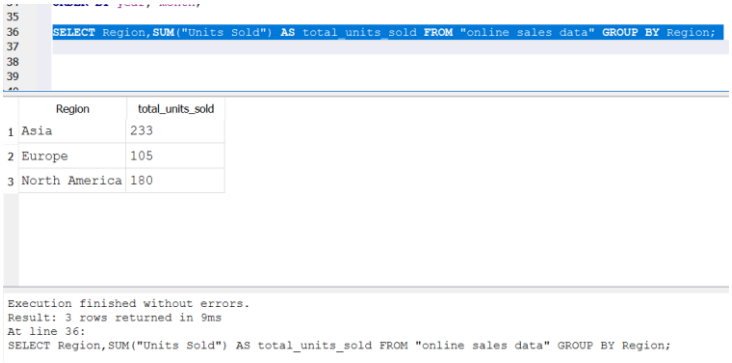
	Product Category	total_revenue
1	Beauty Products	2621.9
2	Books	1861.93
3	Clothing	8128.93
4	Electronics	34982.41
5	Home Appliances	18646.16
6	Sports	14326.52

```
Execution finished without errors.
Result: 6 rows returned in 10ms
At line 19:
SELECT
    "Product Category",
    SUM("Total Revenue") AS total_revenue
FROM "online sales data"
GROUP BY "Product Category";
```

Query 8: Total units sold by region

SELECT Region SUM("Units Sold") AS total_units_sold FROM "online sales_data"

GROUP BY Region;



```
SELECT Region,SUM("Units Sold") AS total_units_sold FROM "online sales data" GROUP BY Region;
```

	Region	total_units_sold
1	Asia	233
2	Europe	105
3	North America	180

```
Execution finished without errors.
Result: 3 rows returned in 9ms
At line 36:
SELECT Region,SUM("Units Sold") AS total_units_sold FROM "online sales data" GROUP BY Region;
```

Query 9:

SELECT strftime('%Y', Date) AS year, strftime('%m', Date) AS month, SUM("Total Revenue") AS total_revenue, COUNT(DISTINCT "Transaction ID") AS total_orders

FROM "online sales_data" GROUP BY year, month ORDER BY year, month;

Feature	Purpose
`strftime('%Y', Date)`	Extracts the **year** from Date
`strftime('%m', Date)`	Extracts the **month**
`SUM("Total Revenue")`	Total revenue for the month
`COUNT(DISTINCT "Transaction ID")`	Total orders in that month
`GROUP BY`	Groups rows by year & month
`ORDER BY`	Sorts the result chronologically

```sql
SELECT
    strftime('%Y', Date) AS year,
    strftime('%m', Date) AS month,
    SUM("Total Revenue") AS total_revenue,
    COUNT(DISTINCT "Transaction ID") AS total_orders
FROM "online sales data"
GROUP BY year, month
ORDER BY year, month;

SELECT Region,SUM("Units Sold") AS total_units_sold FROM "online sales data" GROUP BY Region;
```

	year	month	total_revenue	total_orders
1	2024	01	14548.32	31
2	2024	02	10803.37	29
3	2024	03	12849.24	31
4	2024	04	12451.69	30
5	2024	05	8455.49	31
6	2024	06	7384.55	30
7	2024	07	6797.08	31

```
Execution finished without errors.
Result: 0 rows returned in 13ms
At line 27:
SELECT
    strftime('%Y', Date) AS year,
    strftime('%m', Date) AS month,
    SUM("Total Revenue") AS total_revenue,
    COUNT(DISTINCT "Transaction ID") AS total_orders
```