MySQL

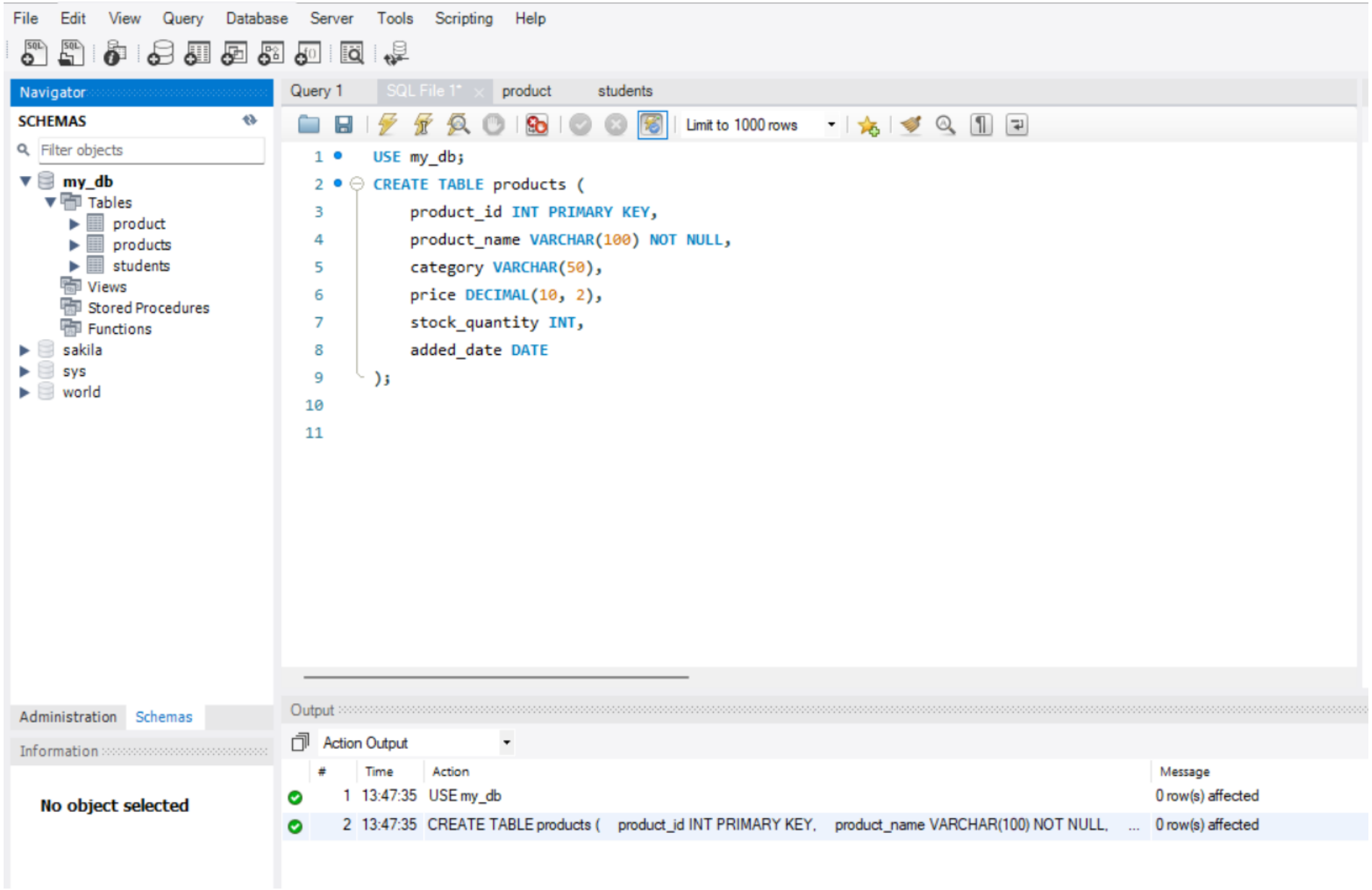
Name: Sakshi Ramesh Mogali

AF Code: AF04954116

Batch Code: ANP-D1544

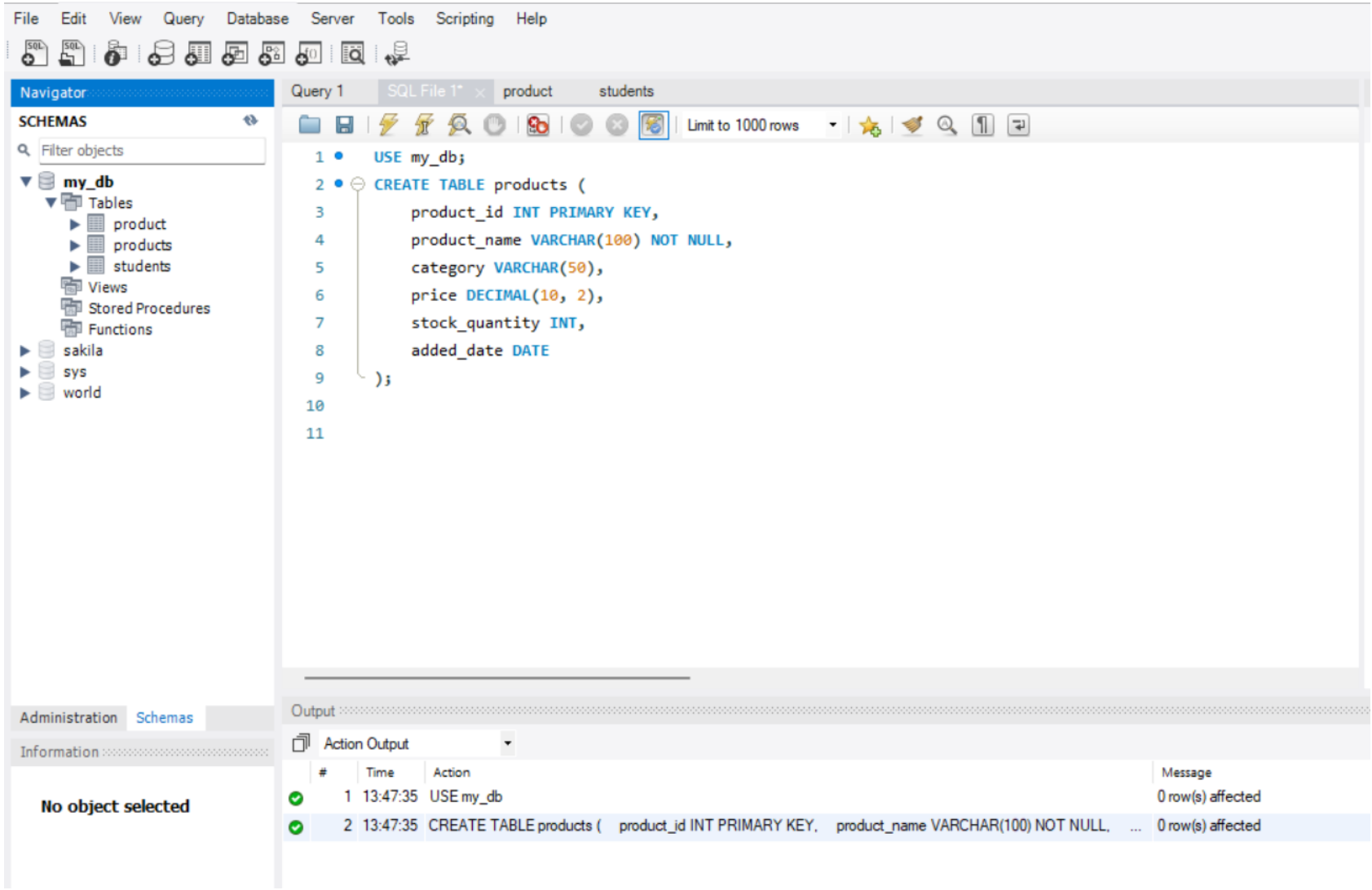
Table Query:

```
CREATE TABLE products (
    product_id INT PRIMARY KEY,
    product_name VARCHAR(100) NOT NULL,
    category VARCHAR(50),
    price DECIMAL(10, 2),
    stock_quantity INT,
    added_date DATE
);
```



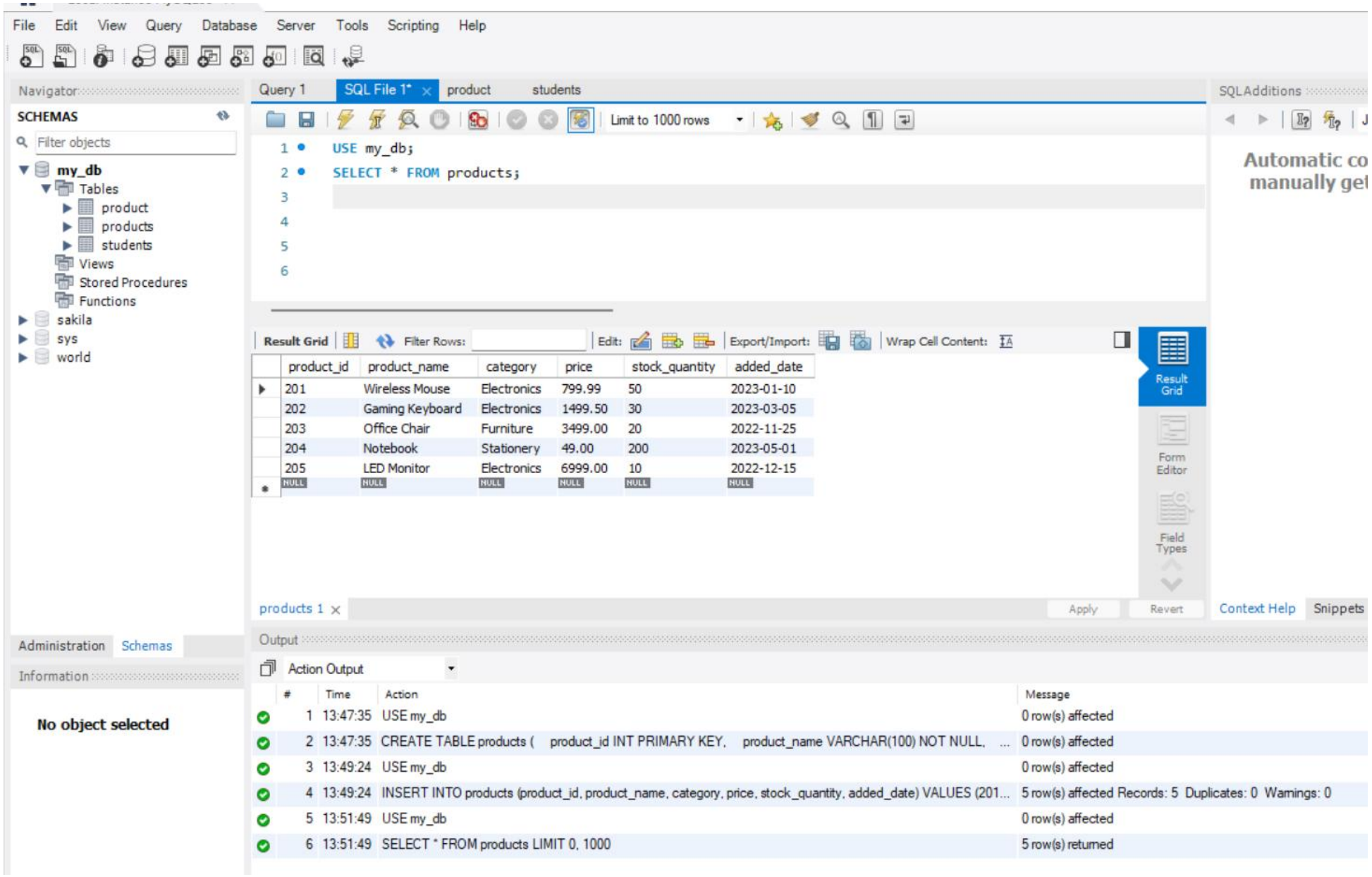
Insert Query:

```
INSERT INTO products (product_id,
product_name, category, price,
stock_quantity, added_date) VALUES
(201, 'Wireless Mouse', 'Electronics', 799.99,
50, '2023-01-10'),
(202, 'Gaming Keyboard', 'Electronics',
1499.50, 30, '2023-03-05'),
(203, 'Office Chair', 'Furniture', 3499.00, 20,
'2022-11-25'),
(204, 'Notebook', 'Stationery', 49.00, 200,
'2023-05-01'),
(205, 'LED Monitor', 'Electronics', 6999.00, 10,
'2022-12-15');
```

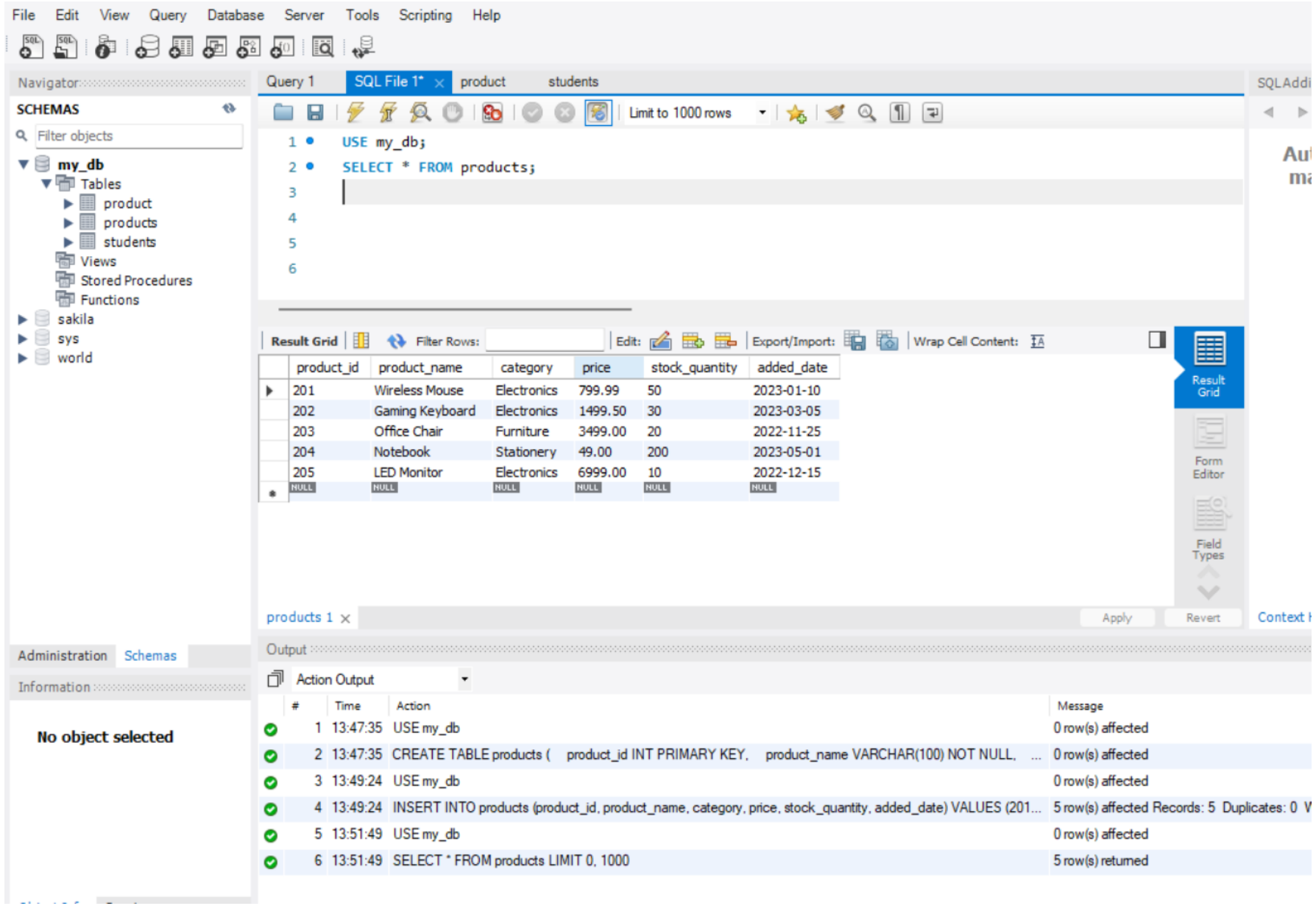


Select Query:

SELECT * FROM products;

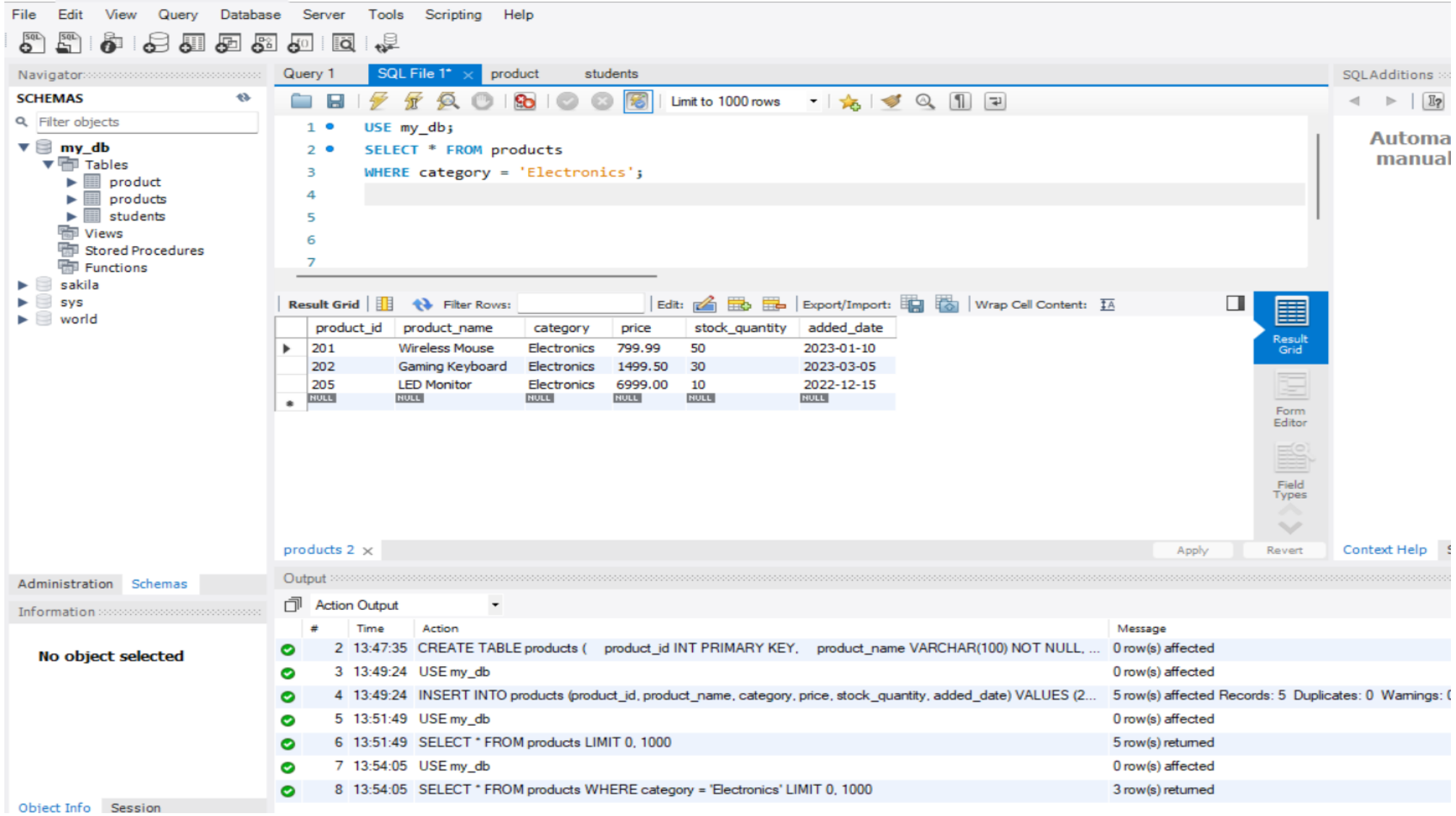


SELECT product_name, price FROM products;



SELECT * FROM products

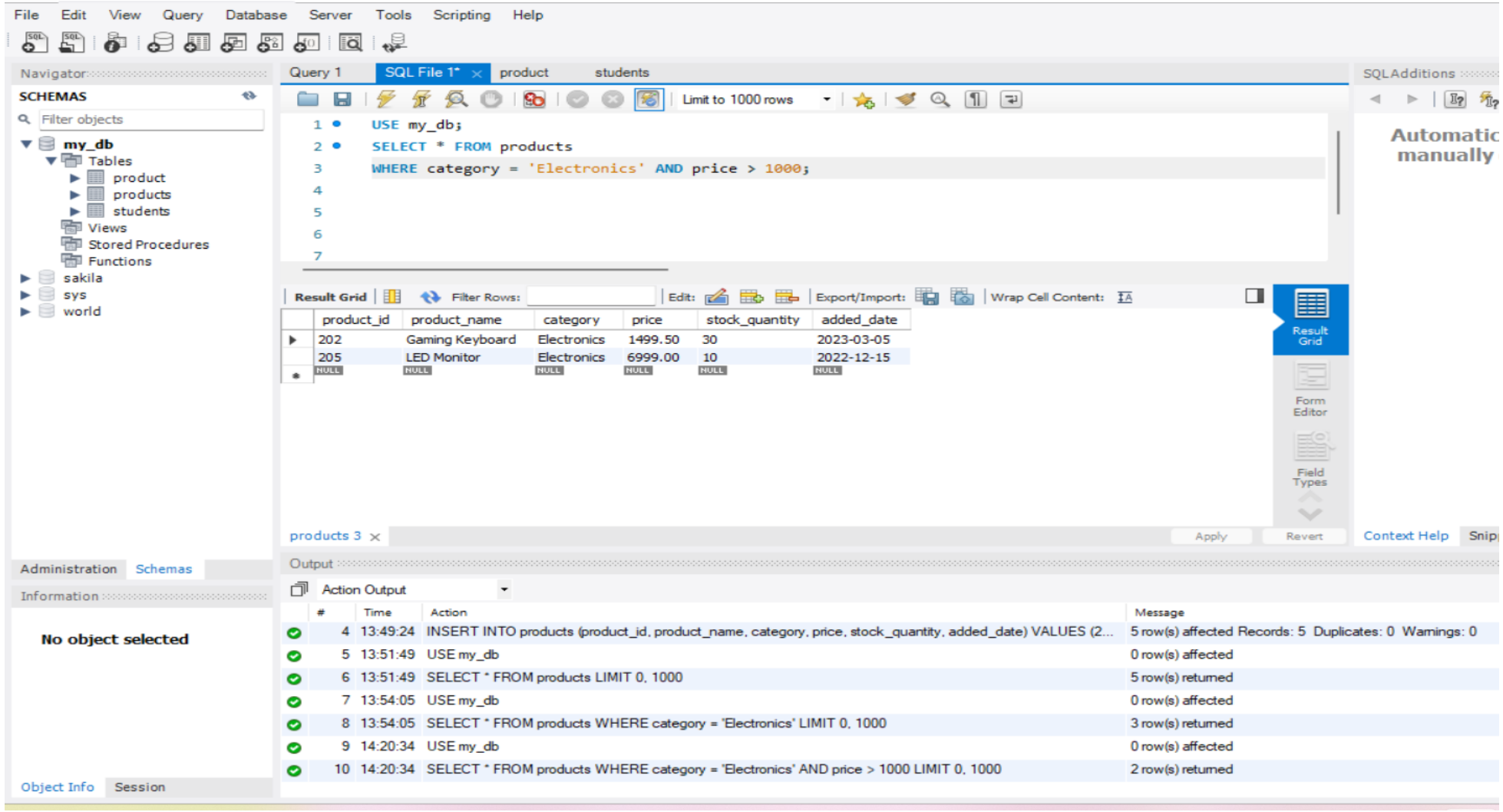
WHERE category = 'Electronics';



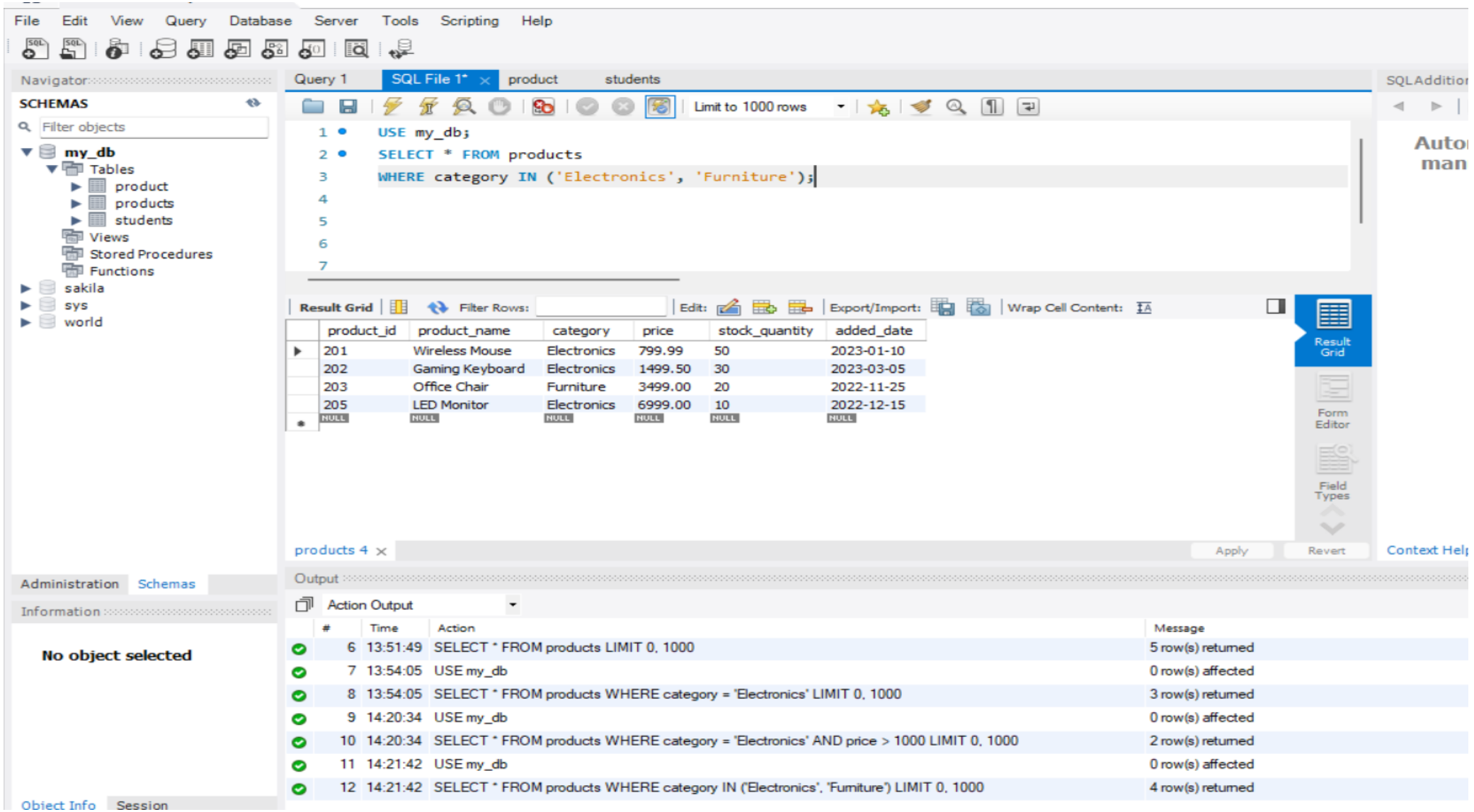
AND, IN, BETWEEN, LIKE:

SELECT * FROM products

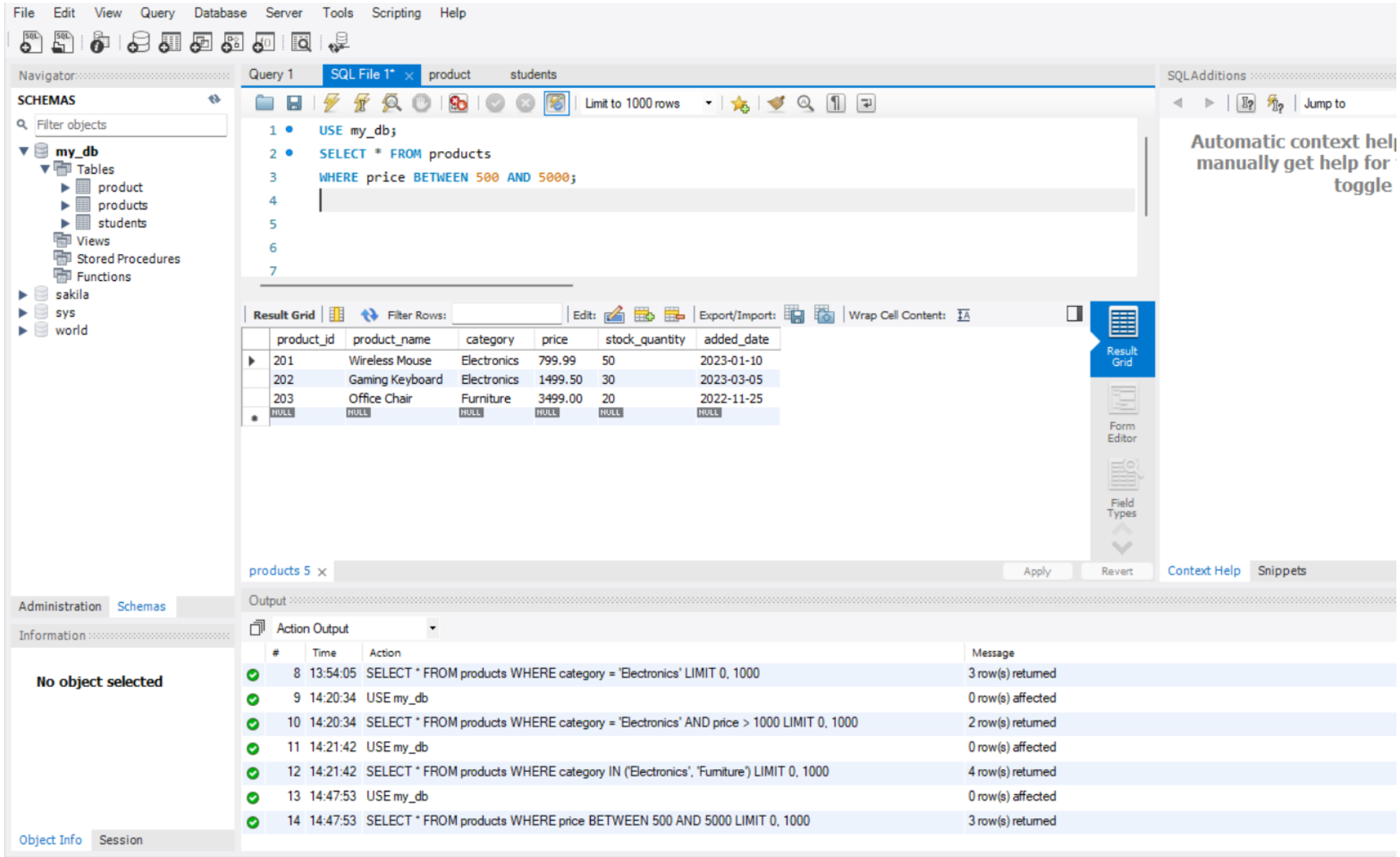
WHERE category = 'Electronics' AND price > 1000;



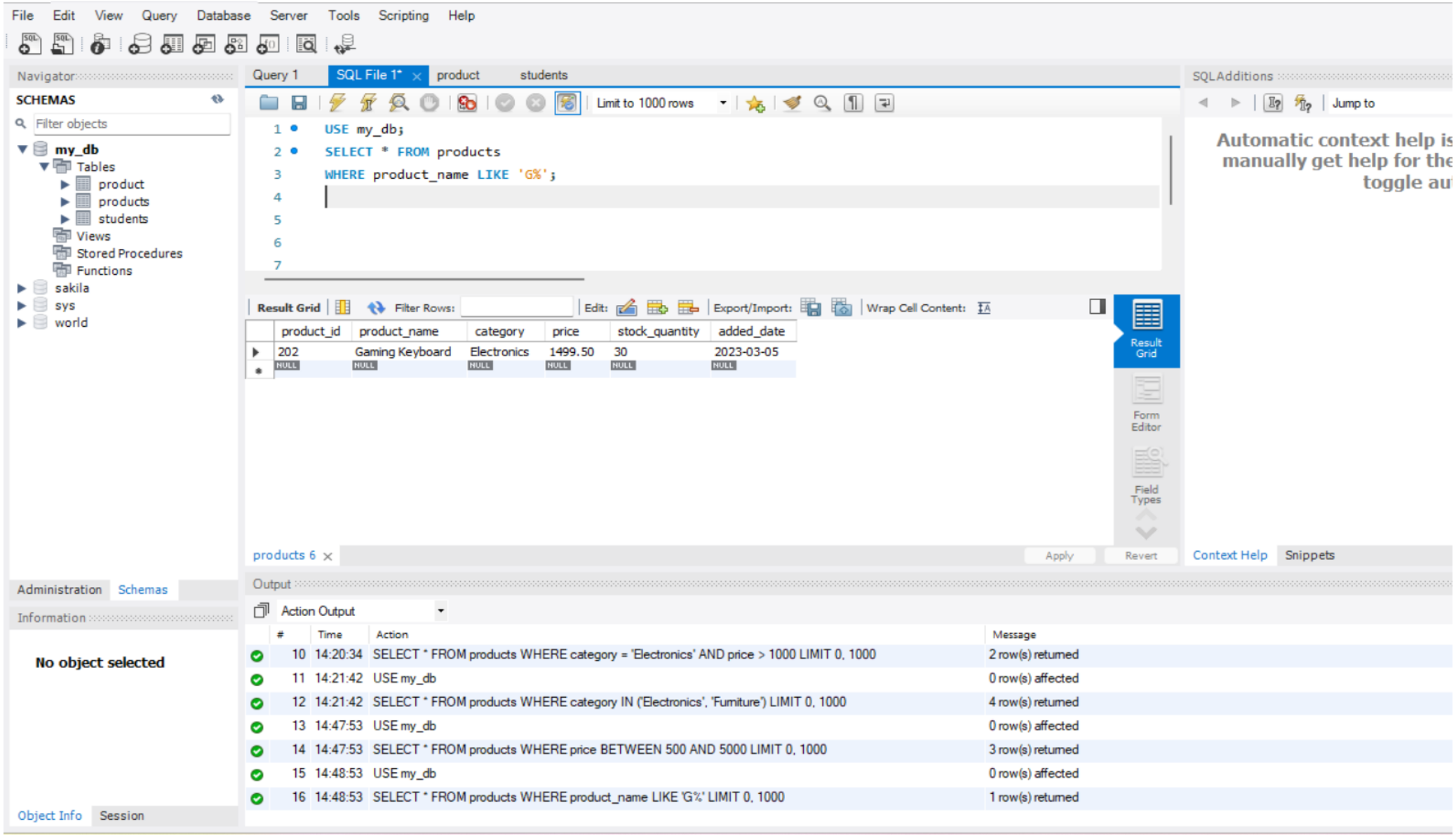
SELECT * FROM products
WHERE category IN ('Electronics', 'Furniture');



SELECT * FROM products
WHERE price BETWEEN 500 AND 5000;

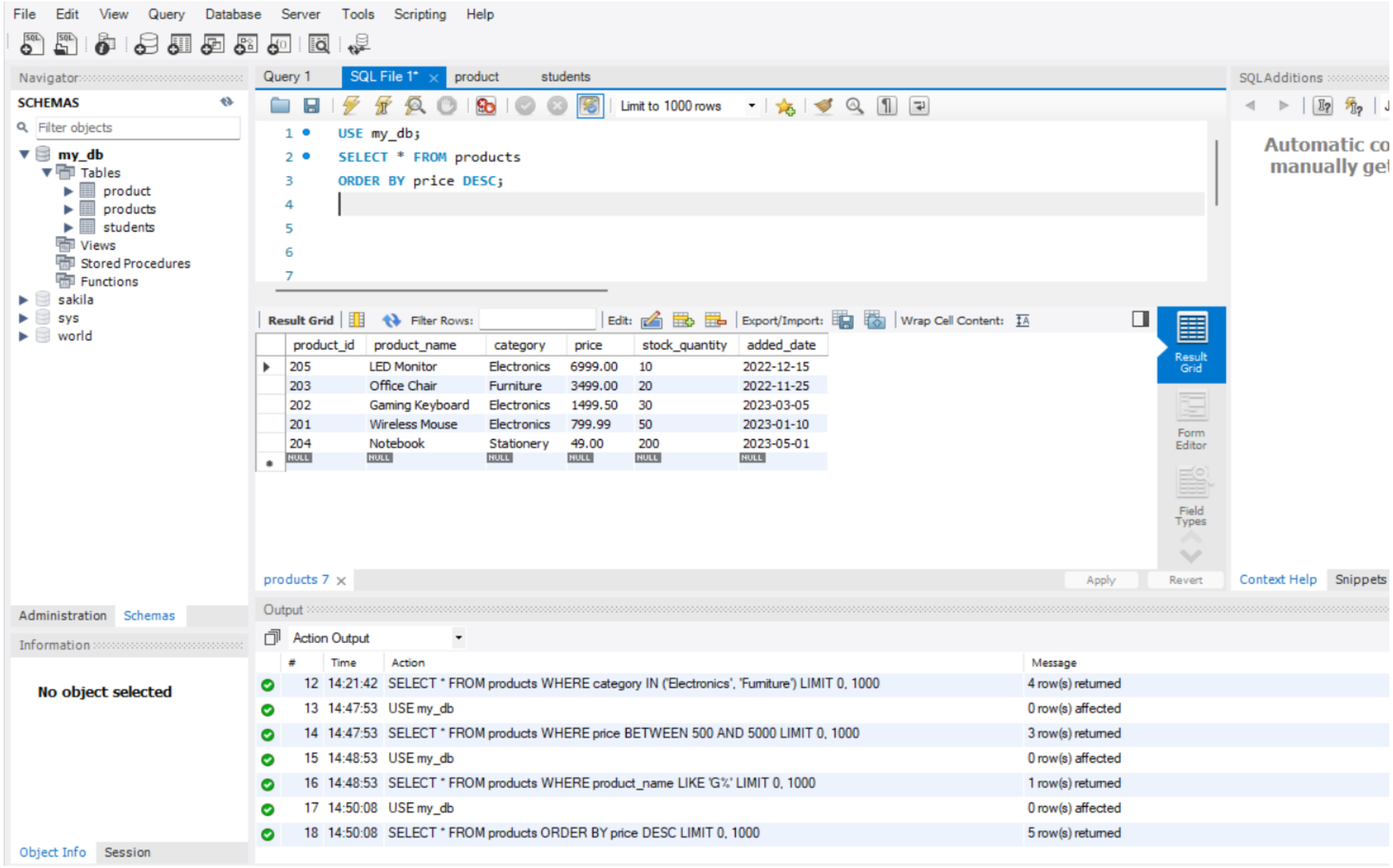


SELECT * FROM products
WHERE product_name LIKE 'G%';

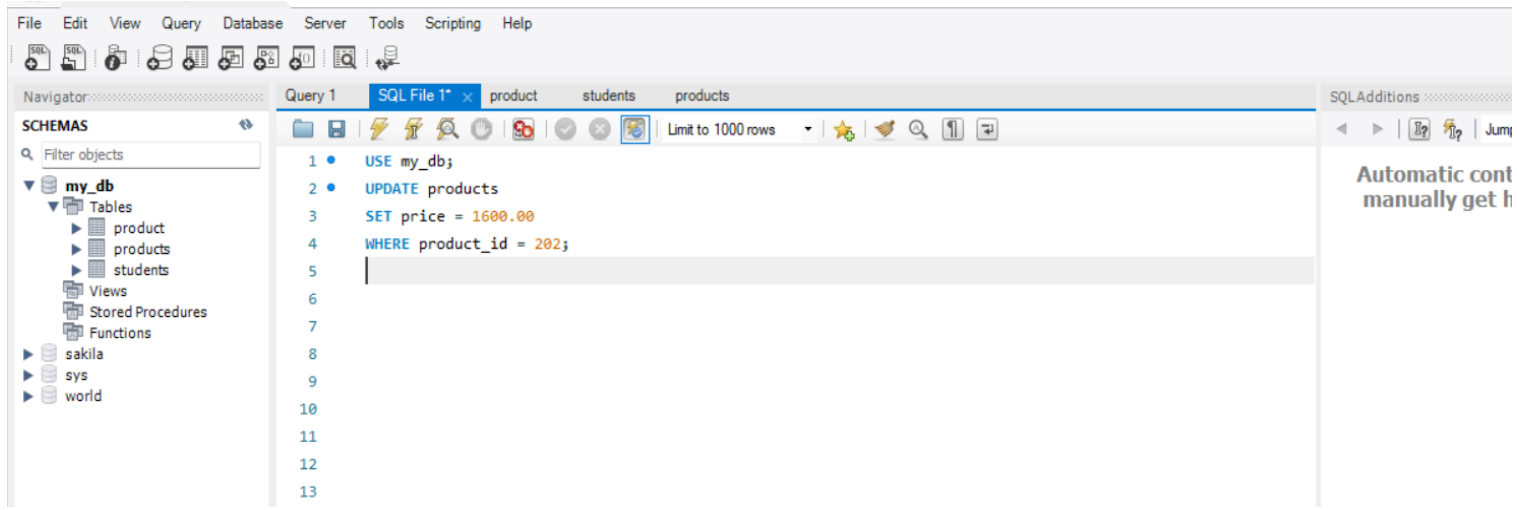


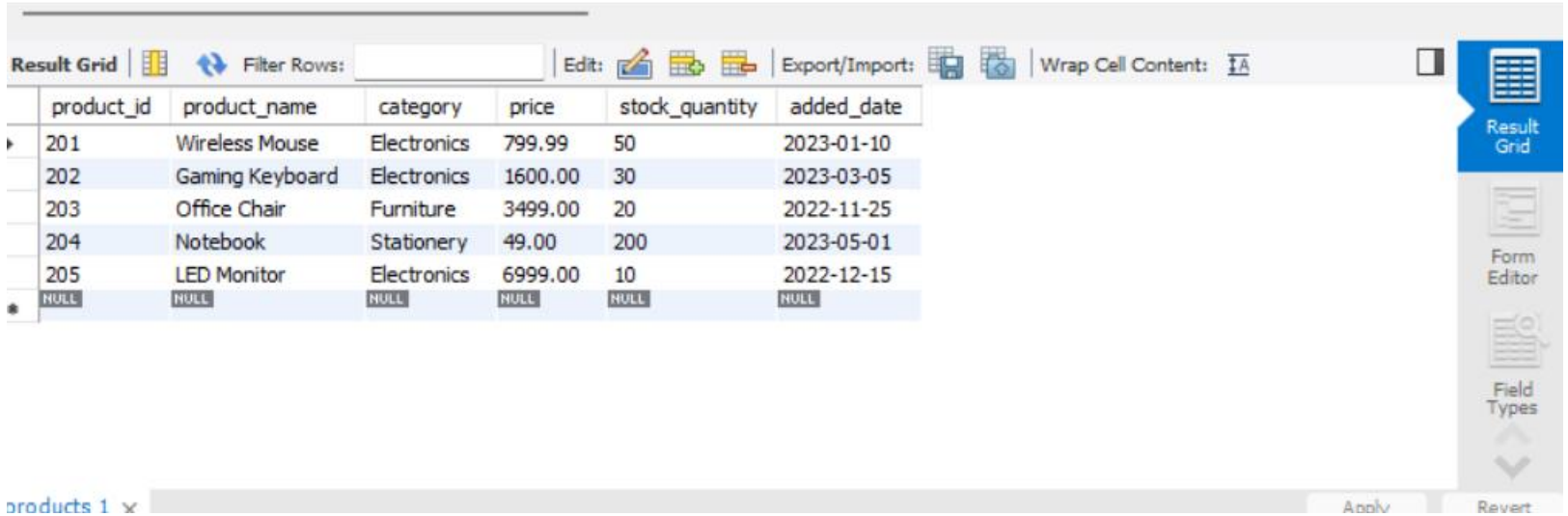
CLAUSE -ORDER BY, WHERE, HAVING

SELECT * FROM products
ORDER BY price DESC;

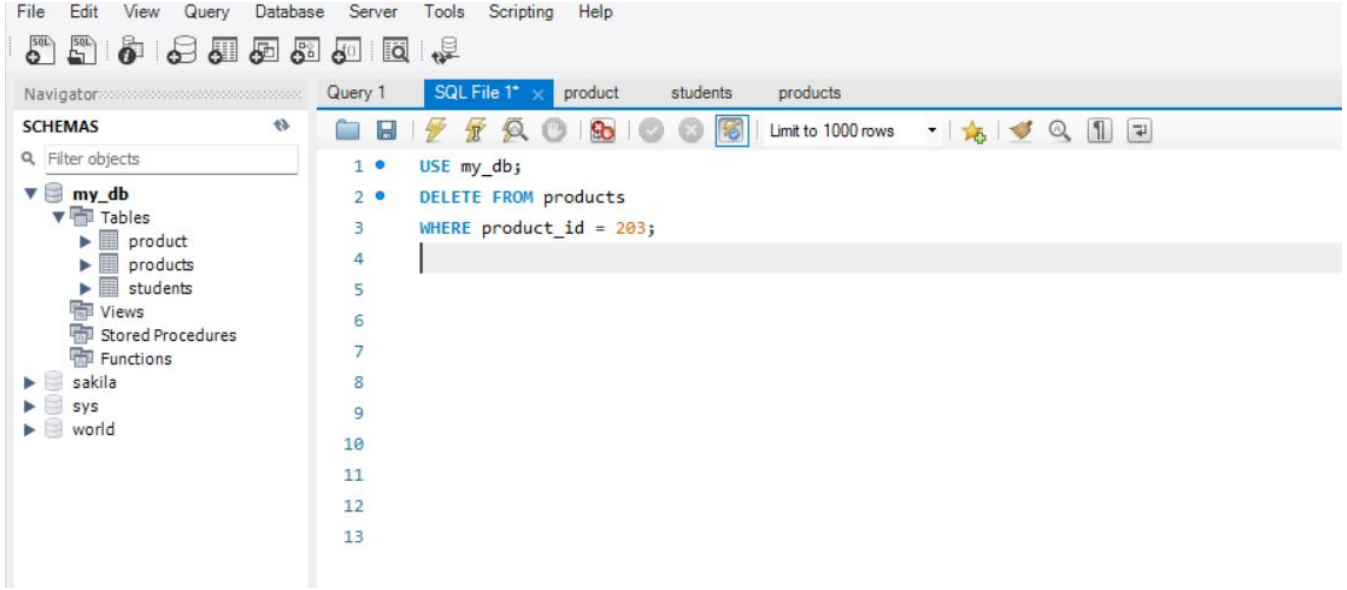


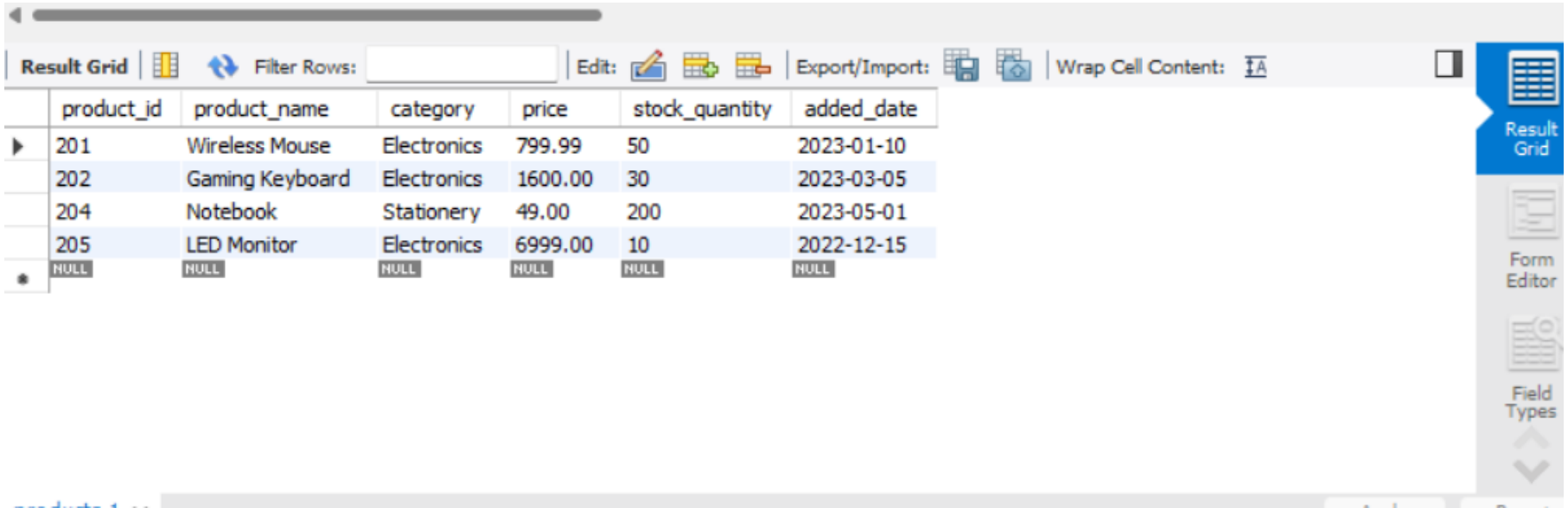
```
UPDATE products
SET price = 1600.00
WHERE product_id = 202;
```



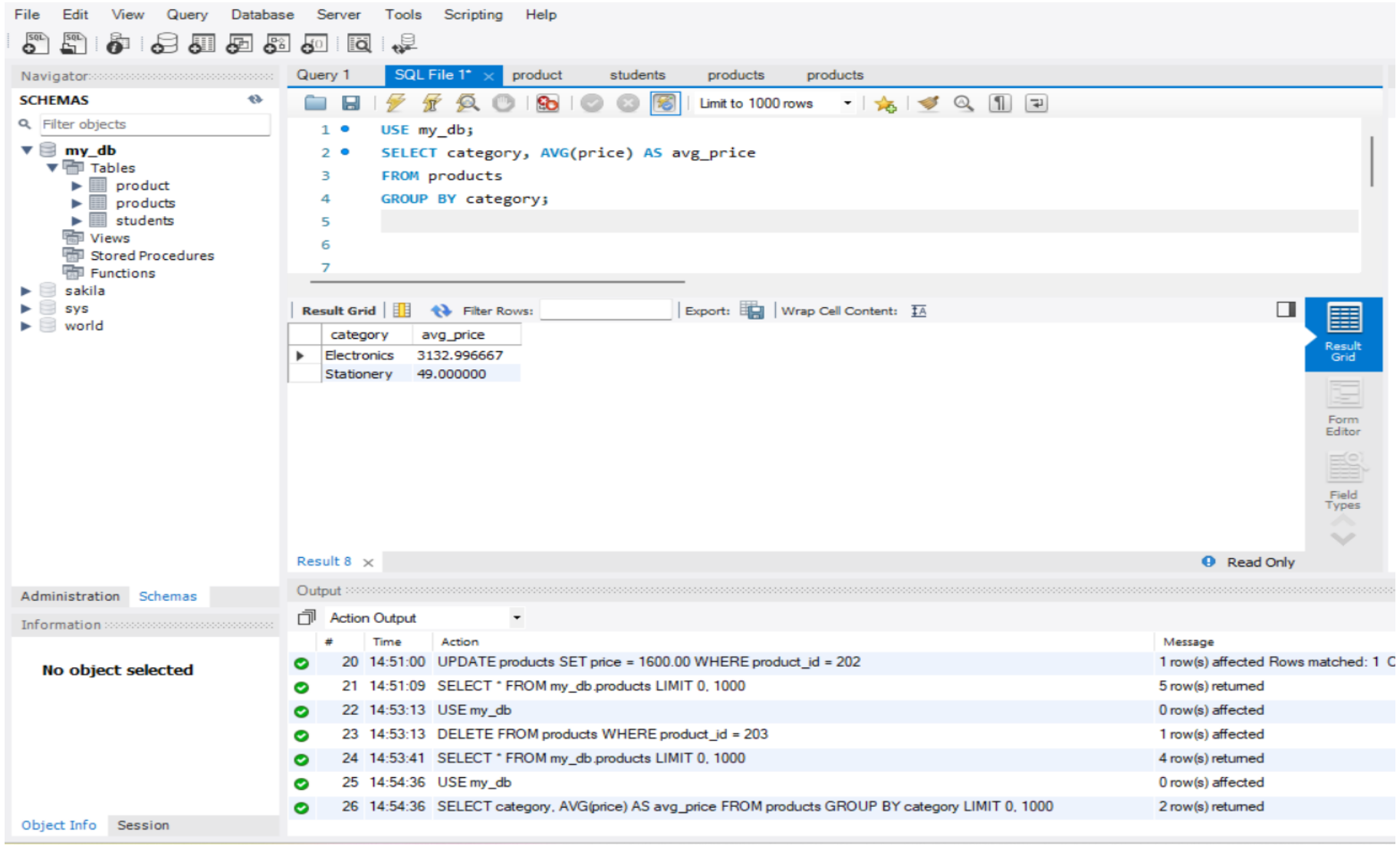


DELETE FROM products
WHERE product_id = 203;





SELECT category, AVG(price) AS avg_price
FROM products
GROUP BY category;



```
SELECT category, COUNT(*) AS product_count
FROM products
GROUP BY category
HAVING COUNT(*) > 1;
```