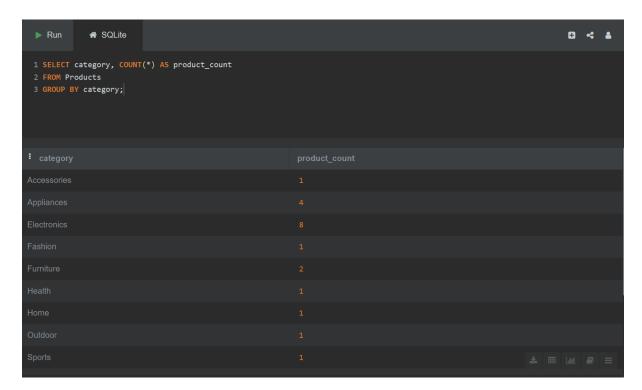
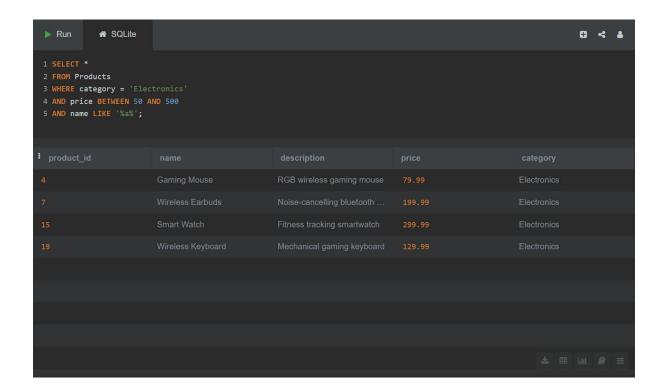
Perform following queries:

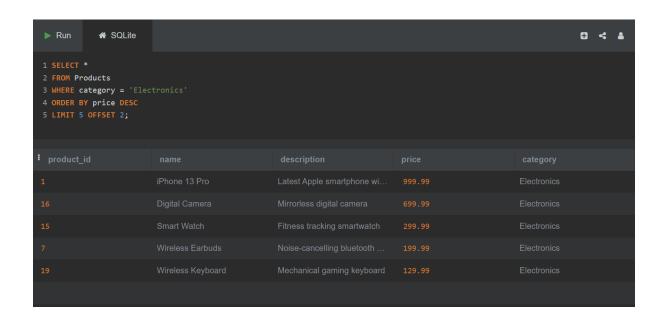
a. Count the number of products as product_count in each category.



b. Retrieve all products that belong to the 'Electronics' category, have a price between \$50 and \$500, and whose name contains the letter 'a'



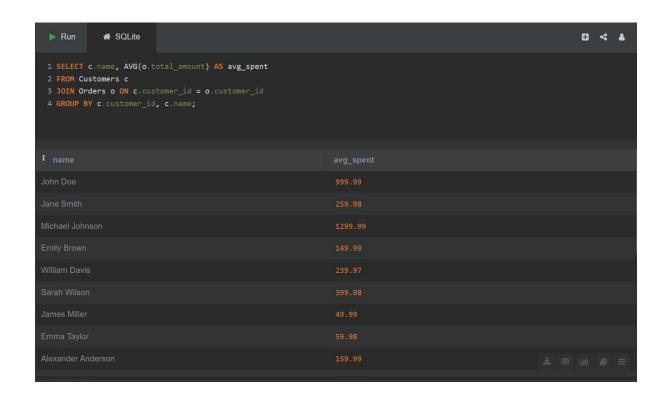
c. Get the top 5 most expensive products in the 'Electronics' category, skipping the first 2.



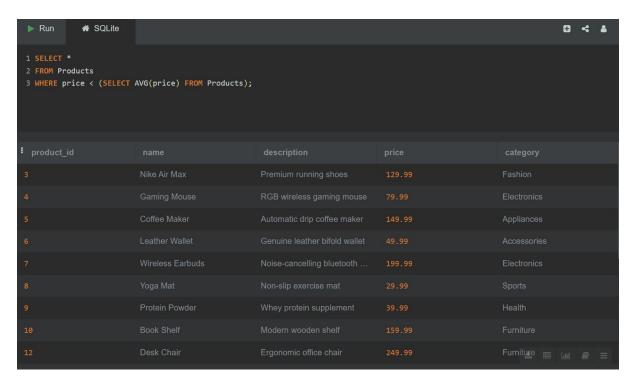
d. Retrieve customers who have not placed any orders.



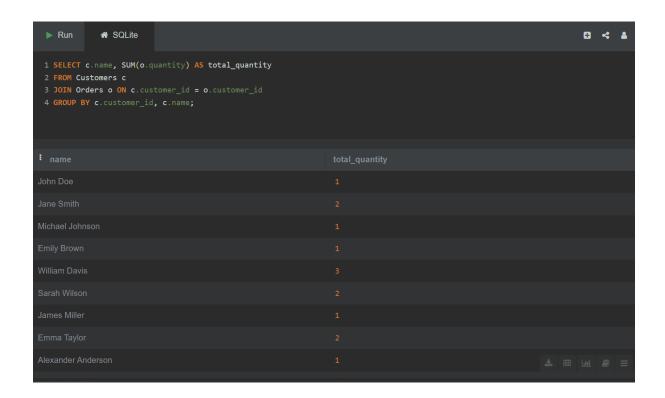
e. Find the average total amount spent by each customer.



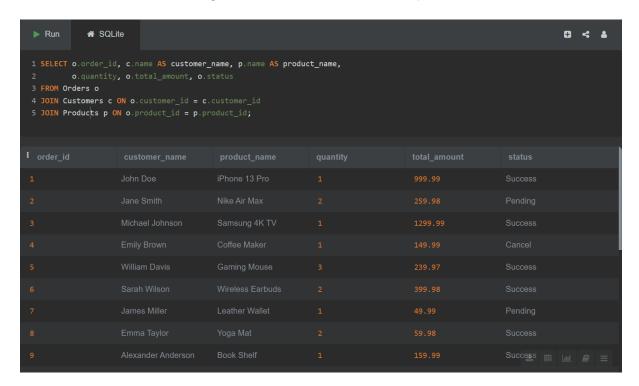
f. Get the products that have a price less than the average price of all products.



g. Calculate the total quantity of products ordered by each customer:



h. List all orders along with customer name and product name.



i. Find products that have never been ordered.

