**### SQL-task 4**

-- Aggregate queries

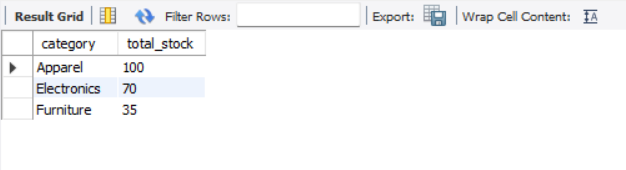
-- **1. Total stock by category**

SELECT category, SUM(stock) AS total\_stock

FROM Products

GROUP BY category;

**Output:**



**-- 2. Average price by category**

SELECT category, ROUND(AVG(price), 2) AS average\_price

FROM Products

GROUP BY category;

**Output:**



-- **3. Count of products per category**

SELECT category, COUNT(\*) AS product\_count

FROM Products

GROUP BY category;

**Output:**



**-- 4. Categories with more than 1 product**

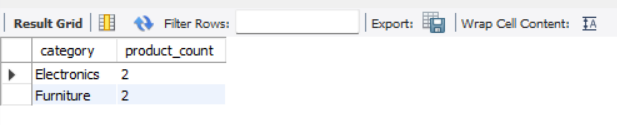
SELECT category, COUNT(\*) AS product\_count

FROM Products

GROUP BY category

HAVING COUNT(\*) > 1;

**Output:**



-- **5. Categories where total stock > 40**

SELECT category, SUM(stock) AS total\_stock

FROM Products

GROUP BY category

HAVING total\_stock > 40;

**Output:**

