### Create the tables.

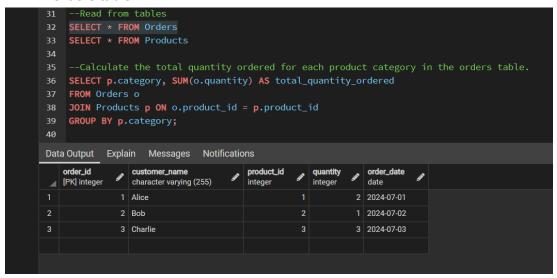
```
Query Editor Query History
1 CREATE TABLE Products (
      product_id INT PRIMARY KEY,
       product_name VARCHAR(255) NOT NULL,
       category VARCHAR(255),
       price DECIMAL(10, 2)
  );
8 CREATE TABLE Orders (
     order_id INT PRIMARY KEY,
      customer_name VARCHAR(255) NOT NULL,
     product_id INT,
     quantity INT,
15 );
17 -- Inserting data into Products table
18 INSERT INTO Products (product_id, product_name, category, price)
Data Output Explain Messages Notifications
CREATE TABLE
Query returned successfully in 663 msec.
```

#### Insert data into the tables.

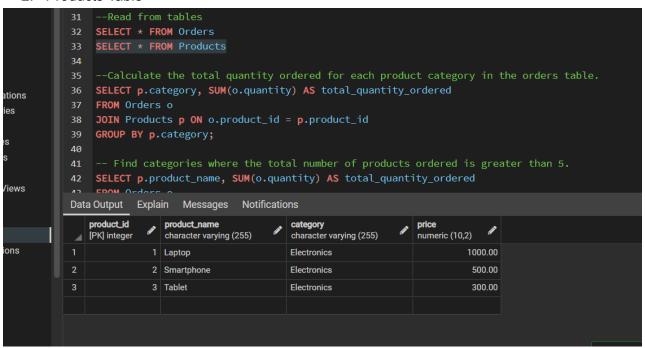
```
Query Editor Query History
15 );
    INSERT INTO Products (product_id, product_name, category, price)
19 VALUES
20 (1, 'Laptop', 'Electronics', 1000),
21 (2, 'Smartphone', 'Electronics', 500),
22 (3, 'Tablet', 'Electronics', 300);
25 INSERT INTO Orders (order_id, customer_name, product_id, quantity, order_date)
26 VALUES
27 (1, 'Alice', 1, 2, '2024-07-01'),
28 (2, 'Bob', 2, 1, '2024-07-02'),
29 (3, 'Charlie', 3, 3, '2024-07-03');
   --Read from tables
32 SELECT * FROM Orders
33 SELECT * FROM Products
Data Output Explain Messages Notifications
```

#### Read data from table

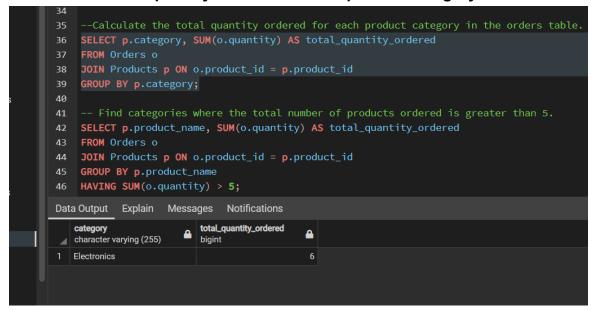
1. Orders table



2. Products Table



## Calculate the total quantity ordered for each product category in the orders table.



# Find categories where the total number of products ordered is greater than 5.

