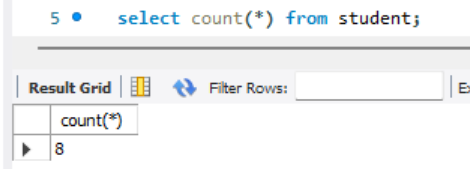
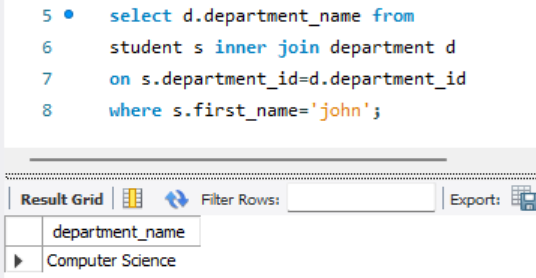
**MYSQL Assignment**

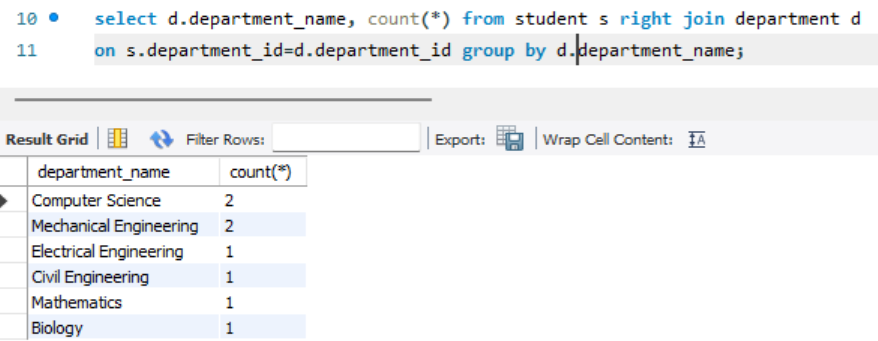
1. **Write a query to find the total number of students.**



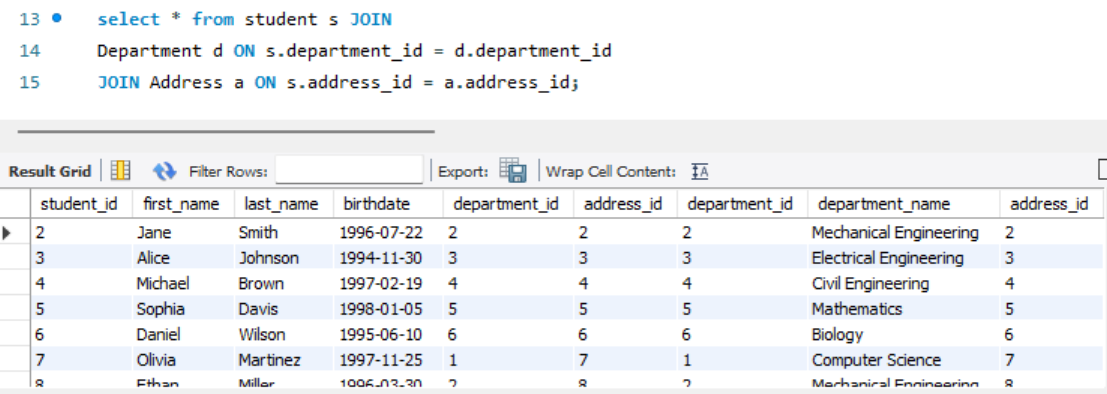
1. **Write a query to find which department john belongs to.**

****

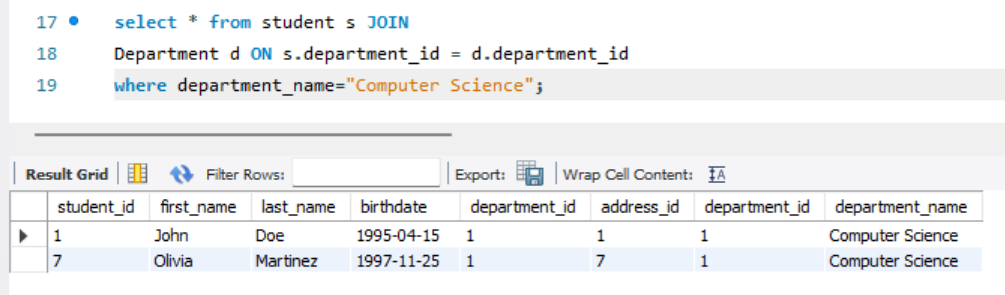
1. **List All Departments with Their Number of Students (Including Departments with No Students)**

****

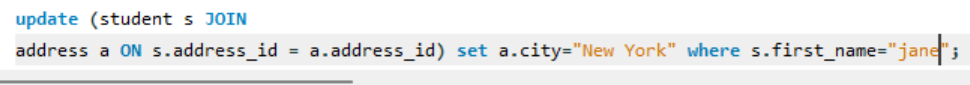
1. **Select all students with their department and address.**

****

1. **Find all students who are in the 'Computer Science' department**

****

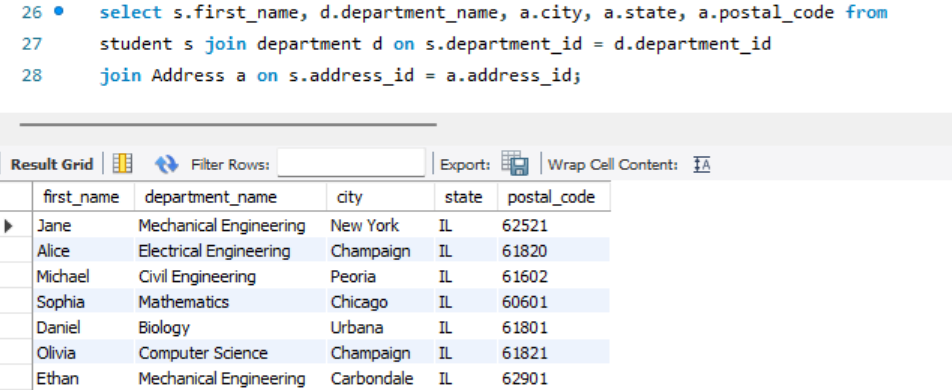
1. **Update Jane’s city name to New York.**

****

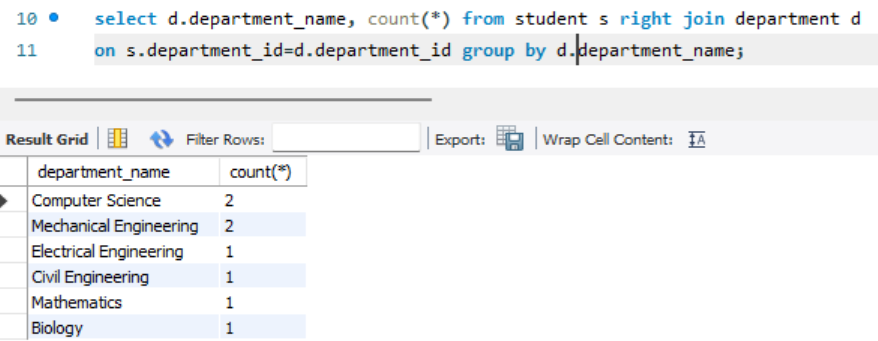
1. **Delete a student from the student table.**

****

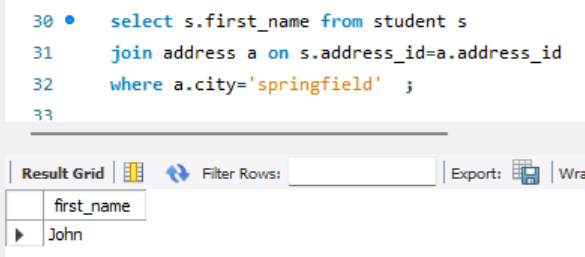
1. **Select all students with their department and address in New York.**

****

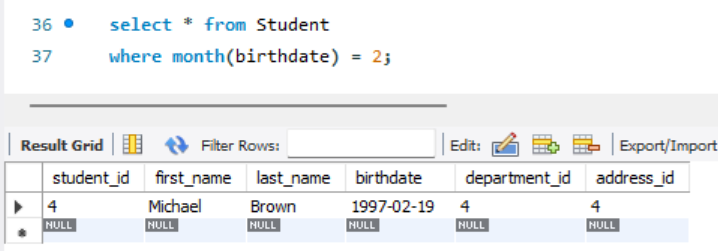
1. **Count how many students are in each department**

**\**

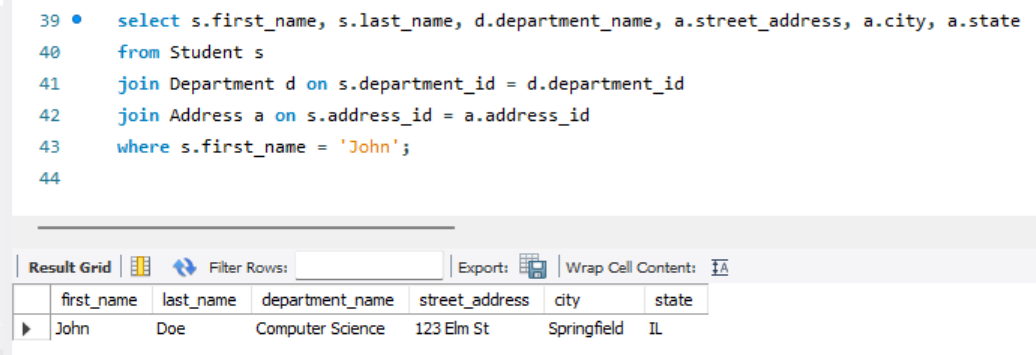
1. **Find students who live in 'Springfield'**

****

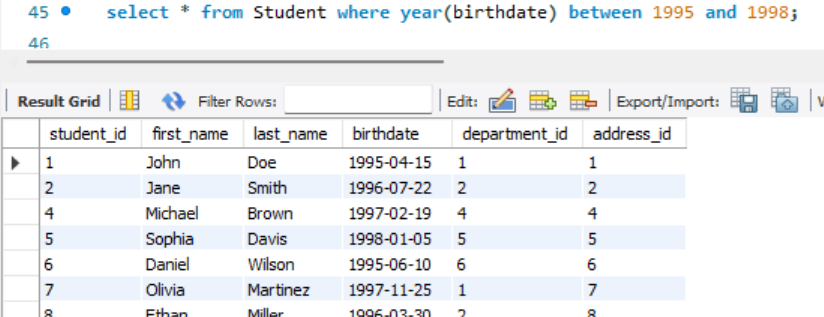
1. **Select students whose birthday falls in February**

****

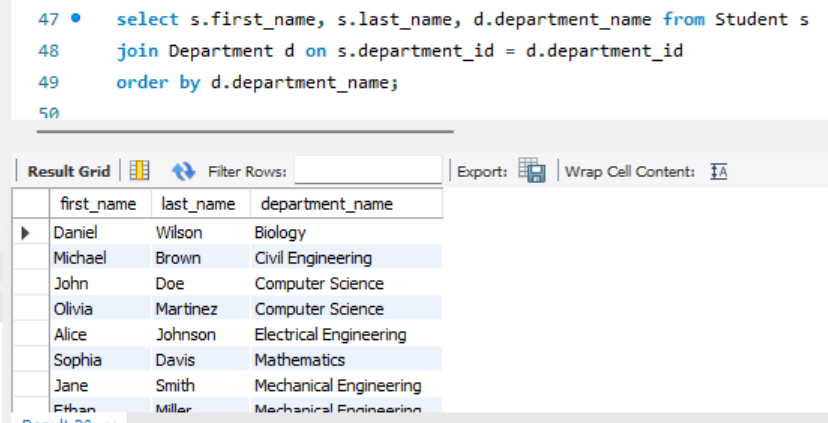
1. **Get the department and address details for a specific student, example john**

****

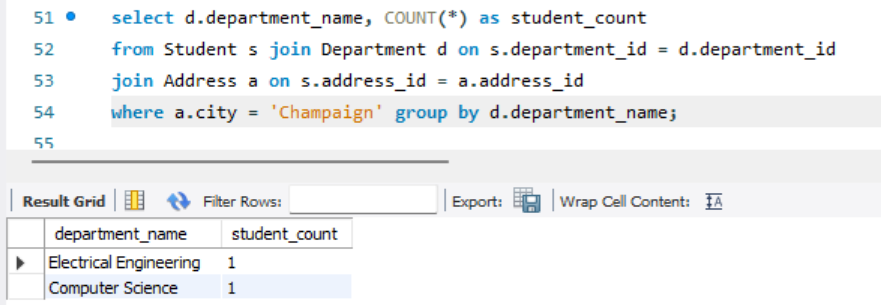
1. **Find all students who are born within 1995 to 1998**

****

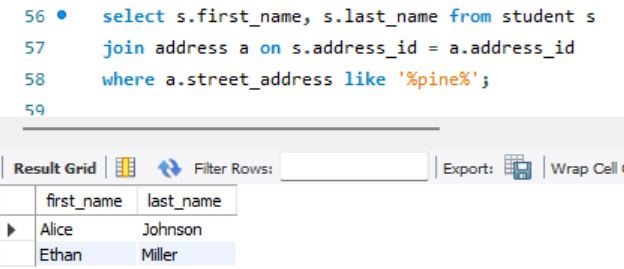
1. **List all students and their corresponding department names, sorted by department**

****

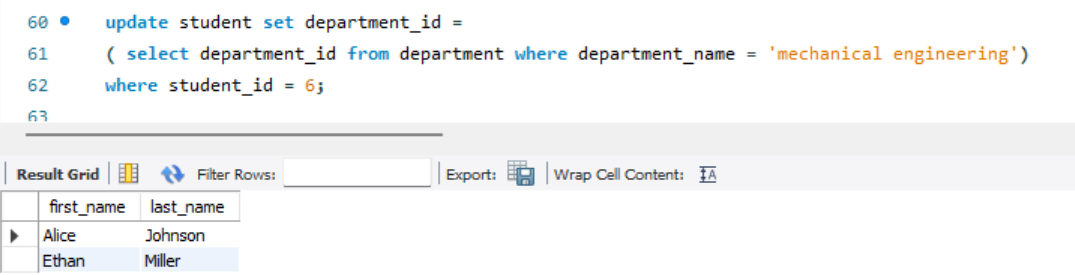
1. **Find the number of students in each department who are living in 'Champaign'**

****

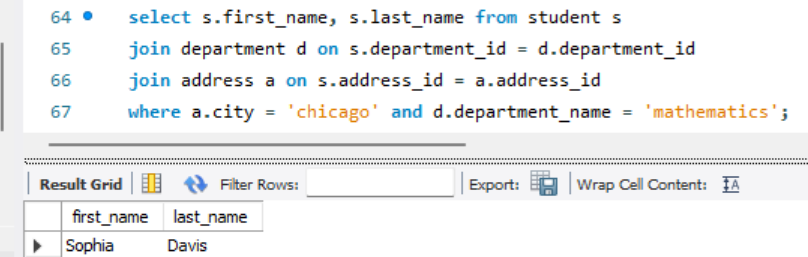
1. **Retrieve the names of students who live on 'Pine' street**

****

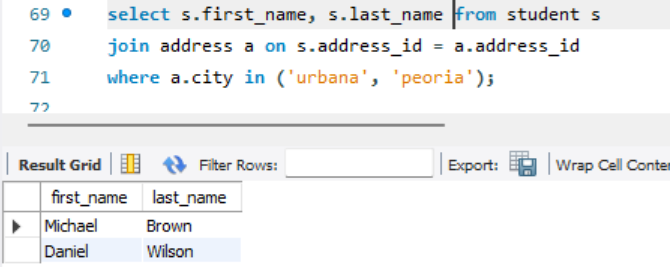
1. **Update the department of a student with student\_id = 6 to 'Mechanical Engineering'**

****

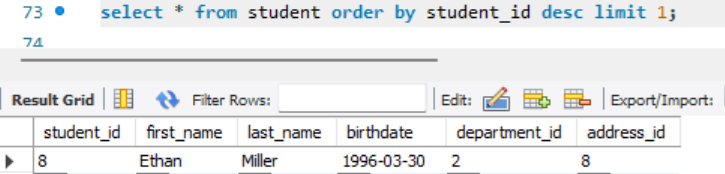
1. **Find the student(s) who live in the city 'Chicago' and are in the 'Mathematics' department**

****

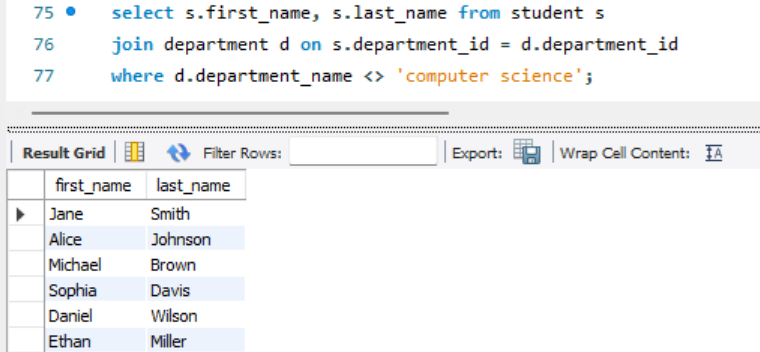
1. **List all students who have an address in 'Urbana' or 'Peoria'**

****

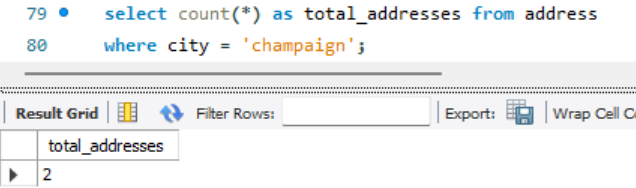
1. **Find the student with the highest student\_id**

****

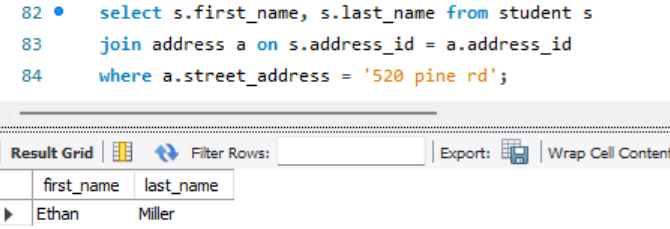
1. **Find all students who are not in the 'Computer Science' department**

****

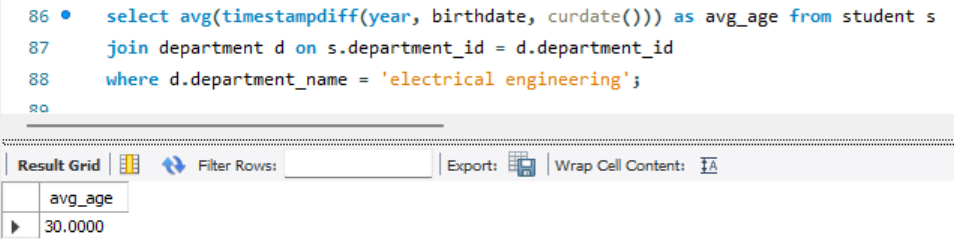
1. **Count the total number of addresses in the 'Champaign' city**

****

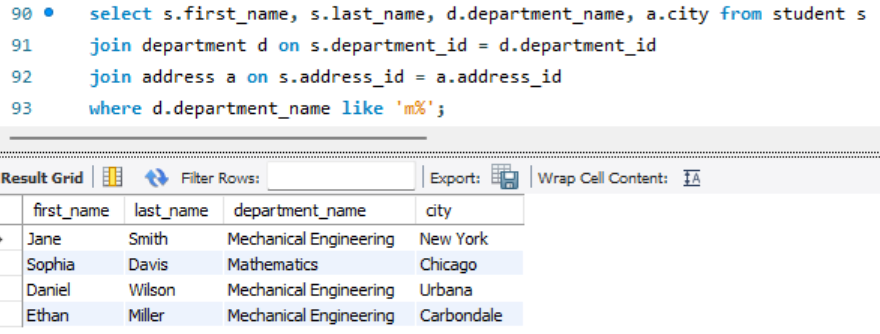
1. **Find the name of the student who lives at '520 Pine Rd'**

****

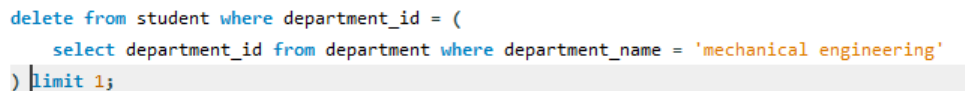
1. **Get the average age of students in the 'Electrical Engineering' department**

****

1. **List the students, their department, and the city where they live, but only for those in departments starting with 'M'**

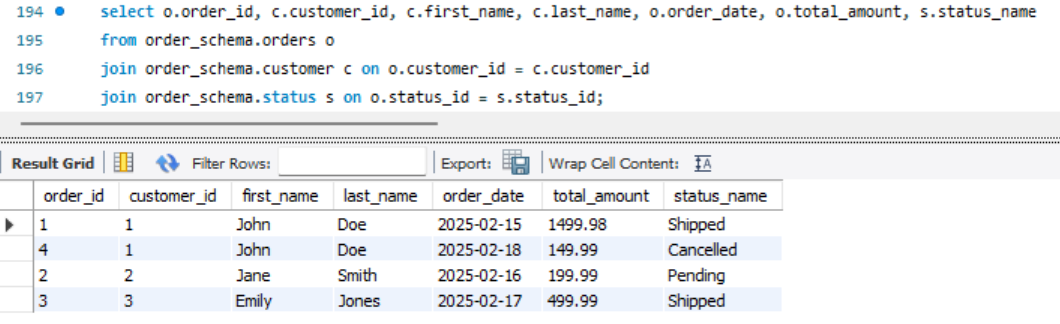
****

1. **Delete a student from the 'Mechanical Engineering' department**

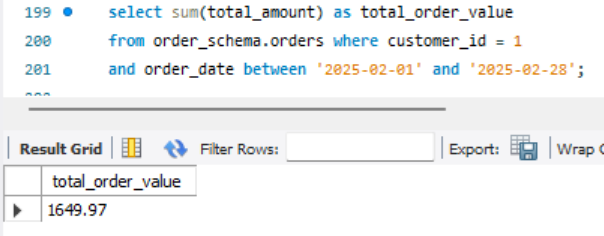
****

**Order.sql:**

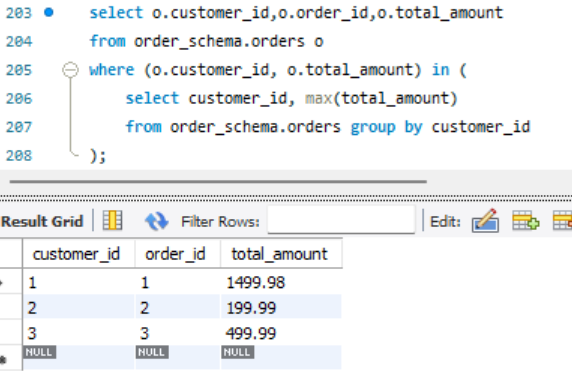
1. **Retrieve All Orders with Their Customer Details and Current Status**



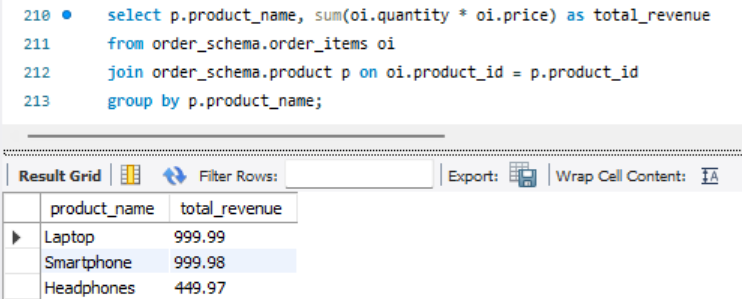
1. **Get the Total Value of Orders for a Given Customer in a Specific Time Period**

****

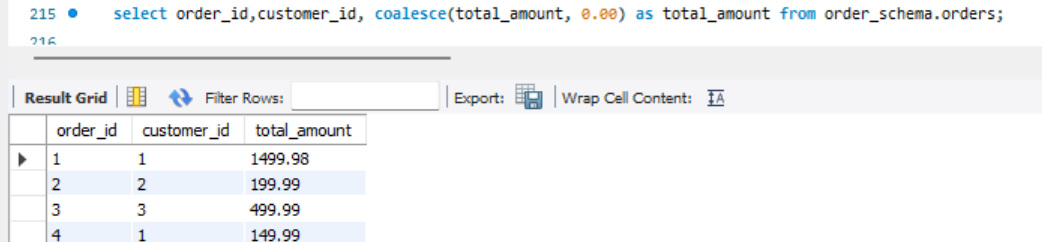
1. **Find the Most Expensive Order by Customer**

****

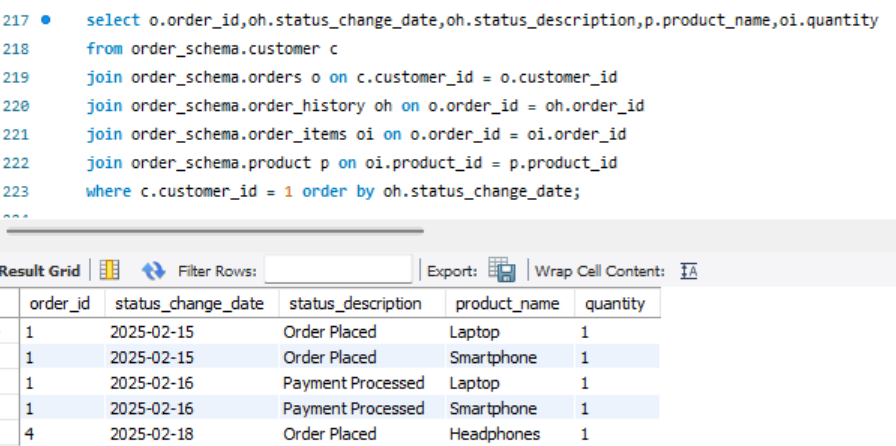
1. **Find the Total Revenue for Each Product Based on Orders**

****

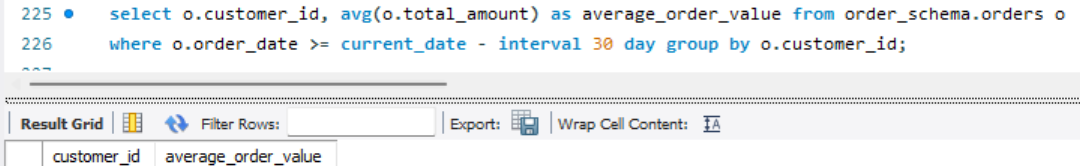
1. **Write a query to retrieve the order ID, customer ID, and the total amount of each order. If the total amount is null, display '0.00' instead.**

****

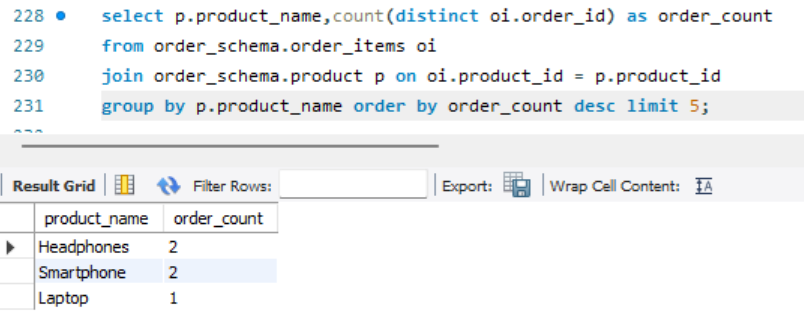
1. **Retrieve the Order History of a Specific Customer Along with Product Details**

****

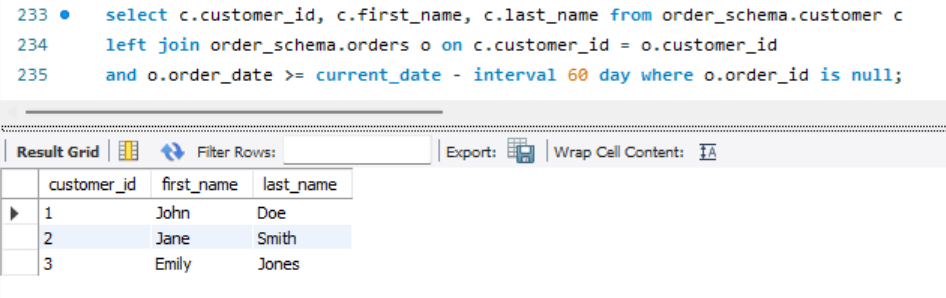
1. **Get the Average Order Value Per Customer in the Last 30 Days.**

****

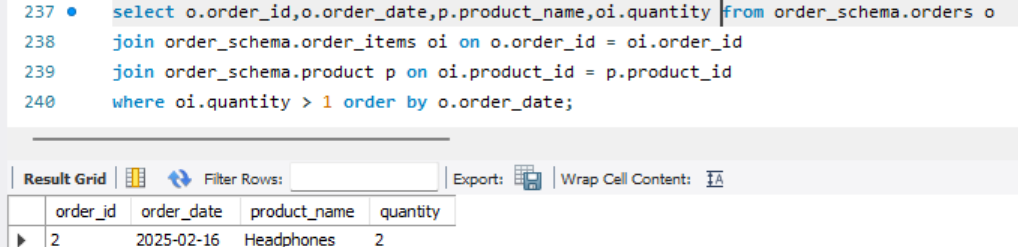
1. **Get the Top 5 Products with the Highest Number of Orders.**

****

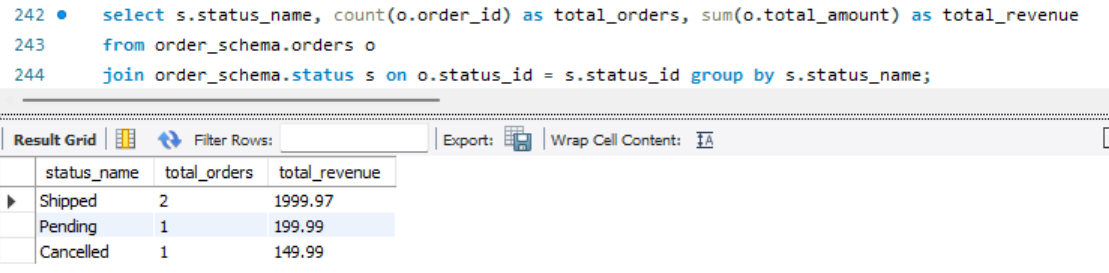
1. **Get the Customers Who Have Not Placed Any Orders in the Last 60 Days**

****

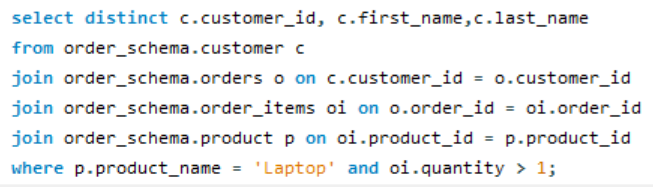
1. **List the Orders with Products Ordered More Than Once, Sorted by Order Date**

****

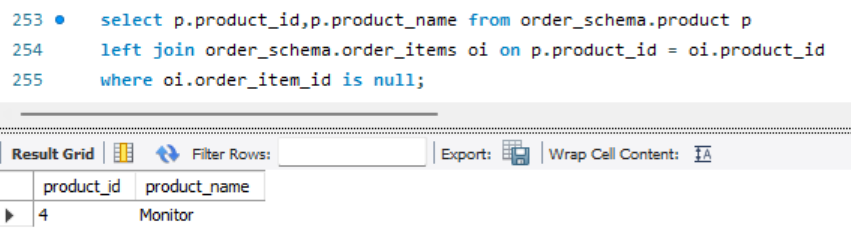
1. **Retrieve the Number of Orders and Total Revenue for Each Status**

****

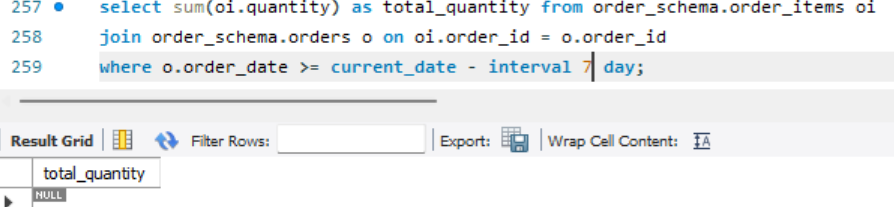
1. **Find Customers Who Have Ordered More Than a Specific Product (e.g., "Laptop")**

****

1. **Find the Products That Have Never Been Ordered**

****

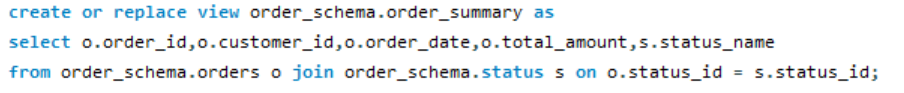
1. **Get the Total Quantity of Products Ordered in the Last 7 Days**

****

1. **Create a view named product\_details that includes all columns from the product table.**

****

1. **Create a view named order\_summary that includes the order\_id, customer\_id, order\_date, total\_amount, and status\_name (from the status table) for each order.**

****