

A. 196

- a. Count the total number of orders  
SELECT COUNT(\*) FROM [Orders]

B. Peacock

- a. Start With the Orders table to count the number of orders per employee:  
SELECT \*, COUNT(OrderID) as TotalOrders FROM [Orders]  
GROUP BY EmployeeID  
ORDER BY TotalOrders DESC
- b. Join this table with the Employees table and identify the last name of the person with the most orders:  
SELECT \* FROM [Employees]  
INNER JOIN (SELECT \*, COUNT(OrderID) as TotalOrders FROM [Orders]  
GROUP BY EmployeeID  
ORDER BY TotalOrders DESC)  
USING(EmployeeID)  
WHERE EmployeeID == 4

C. Boston Crab Meat

- a. First, Identify which customers live in Germany  
SELECT \* FROM [Customers] WHERE Country == 'Germany'
- b. Next, Identify which orders were placed by those customers  
SELECT OrderID, CustomerID FROM [Orders]  
INNER JOIN [Customers]  
USING(CustomerID)  
WHERE [Customers].Country == 'Germany'
- c. Identify the Product ID's associated with the orders placed by the Germans  
SELECT \* FROM [OrderDetails]  
INNER JOIN  
(SELECT OrderID From [Orders]  
INNER JOIN[Customers]  
USING(CustomerID)  
WHERE [Customers].Country == 'Germany') AS GermanOrders  
USING(OrderID)
- d. Aggregate the quantity column to see which item was ordered the most  
SELECT ProductID, sum(Quantity) as TotalQuantity FROM [OrderDetails]  
INNER Join  
(SELECT OrderID FROM [Orders]  
INNER JOIN [Customers]  
USING (CustomerID)

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Where [Customers].Country == 'Germany') AS GermanOrders  
USING(OrderID)  
GROUP BY ProductID  
ORDER BY TotalQuantity DESC
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- e. Identify that item in the Products table:

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SELECT * FROM [Products] WHERE ProductID == 40
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