

Winer 2022 Data Science Intern Challenge Question 2

a. How many orders were shipped by Speedy Express in total?

Query Code:

```
SELECT COUNT(*) NumOrders FROM Orders O
INNER JOIN Shippers S ON O.ShipperID = S.ShipperID
WHERE S.ShipperName = 'Speedy Express'
```

Final Answer: 54

b. What is the last name of the employee with the most orders?

Query Code:

```
SELECT LastName, COUNT(*) NumOrders FROM Employees E
INNER JOIN Orders O ON E.EmployeeID = O.EmployeeID
GROUP BY E.EmployeeID
ORDER BY COUNT(*) DESC
LIMIT 1
```

Final Answer: Peacock

c. What product was ordered the most by customers in Germany?

Query Code:

```
SELECT ProductName, SUM(Quantity) TotalNumOrder FROM Products P
INNER JOIN OrderDetails OD ON P.ProductID = OD.ProductID
INNER JOIN Orders O ON O.OrderID = OD.OrderID
INNER JOIN Customers C ON C.CustomerID = O.CustomerID
WHERE C.Country = "Germany"
GROUP BY P.ProductID
ORDER BY TotalNumOrder DESC
LIMIT 1
```

Final Answer: Boston Crab Meat