

Winer 2021 Data Science Intern Challenge Question 2

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

Final Answer: 54

Query code:

```
SELECT COUNT(*) FROM Orders
```

```
WHERE ShipperID = (SELECT ShipperID FROM Shippers WHERE ShipperName = 'Speedy Express')
```

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

Final Answer: Peacock

Query code:

```
SELECT LastName
```

```
FROM Employees
```

```
INNER JOIN Orders ON Employees.EmployeeID = Orders.EmployeeID
```

```
GROUP BY Employees.EmployeeID
```

```
ORDER BY COUNT(OrderID) DESC
```

```
LIMIT 1
```

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

Final Answer: Boston Crab Meat

Query code:

```
SELECT ProductName
```

```
FROM Customers
```

```
INNER JOIN Orders ON Customers.CustomerID = Orders.CustomerID
```

INNER JOIN OrderDetails ON Orders.OrderID = OrderDetails.OrderID

INNER JOIN Products ON OrderDetails.ProductID = Products.ProductID

WHERE Country = 'Germany'

GROUP BY Country, ProductName

ORDER BY SUM(Quantity) DESC

LIMIT 1