

**Question 2:** For this question you'll need to use SQL. [Follow this link](#) to access the data set required for the challenge. Please use queries to answer the following questions. Paste your queries along with your final numerical answers below.

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

```
SELECT count(*)
FROM [Orders]
JOIN Shippers ON Orders.ShipperID = Shippers.ShipperID
WHERE Shippers.ShipperName = 'Speedy Express'
```

Result:

Number of Records: 1

count(*)
54

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

***For a more readable result***

```
SELECT max(result.num_orders), result.LastName from
(SELECT count(*) as num_orders, LastName
FROM [Orders]
JOIN Employees ON Orders.EmployeeID = Employees.EmployeeID
GROUP BY Employees.EmployeeID) result
```

Result:

Number of Records: 1

max(result1.num_orders)	LastName
40	Peacock

***For an exact result***

```
SELECT result2.LastName from
(SELECT max(result1.num_orders), result1.LastName from
(SELECT count(*) as num_orders, LastName
FROM [Orders]
JOIN Employees ON Orders.EmployeeID = Employees.EmployeeID
GROUP BY Employees.EmployeeID) result1) result2
```

Result:

Number of Records: 1

LastName
Peacock

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

Below is a query for a more readable result. For an exact result, apply the same technique as in **b)**.

```
SELECT max(german_product_count.prod_count), german_product_count.ProductName
FROM
  (SELECT german_orders.ProductName, count(german_orders.ProductName) as prod_count
  FROM
    (SELECT result.*, Customers.Country, Products.ProductName FROM
      (SELECT CustomerID,ProductID FROM [Orders] JOIN OrderDetails ON Orders.OrderID =
OrderDetails.OrderID) result
      JOIN Customers ON Customers.CustomerID = result.CustomerID
      JOIN Products ON Products.ProductID = result.ProductID
      WHERE Customers.Country = 'Germany') german_orders
    GROUP BY german_orders.ProductName) german_product_count
```

Result:

Number of Records: 1

<b>max(german_product_count.prod_count)</b>	<b>ProductName</b>
5	Gorgonzola Telino