

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]
    WHERE SHIPPERID == (
        SELECT SHIPPERID FROM [Shippers]
        WHERE SHIPPERNAME == "Speedy Express"
    )
```

```
SELECT COUNT (*) FROM [Orders]
    WHERE SHIPPERID == (
        SELECT SHIPPERID FROM [Shippers]
        WHERE SHIPPERNAME == "Speedy Express"
    )
```

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

Result:

Number of Records: 1

COUNT (*)

54

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

```
SELECT lastname from employees
    WHERE employeeid == (
        SELECT employeeid from (
            SELECT employeeid, COUNT (*) as count FROM [Orders]
            GROUP BY employeeid
            ORDER BY count desc
            LIMIT 1
        )
    )
```

```
SELECT employeeid from (SELECT employeeid, Count (*) as count FROM [Orders]
    GROUP BY employeeid
    ORDER BY count desc
    LIMIT 1
)
```

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

Result:

Number of Records: 1

LastName

Peacock

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

```
SELECT productname from (  
  SELECT productname, COUNT(*) as count FROM products  
    JOIN orderdetails on products.productid == orderdetails.productid  
    JOIN orders on orderdetails.orderid == orders.orderid  
    JOIN customers on orders.customerid == customers.customerid  
  WHERE customers.country == "Germany"  
  GROUP BY productname  
  ORDER BY count desc  
  LIMIT 1  
)
```

Output:

```
SELECT productname from (  
  SELECT productname, count(*) as count FROM products  
    JOIN orderdetails on products.productid == orderdetails.productid  
    JOIN orders on orderdetails.orderid == orders.orderid  
    JOIN customers on orders.customerid == customers.customerid  
  WHERE customers.country == "Germany"
```

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

Result:

Number of Records: 1

productname

Gorgonzola Telino
