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Company: Shopify  
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Source: Lambda School  
Application Page: [Here](#)  
Online Version of Materials: [Here](#)

## *Three SQL Questions (a, b, c)*

**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**

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

(Query A)

```
Select count(*)  
FROM  
(  
Select o.OrderID, o.ShipperID, s.ShipperName  
FROM Shippers as s  
INNER JOIN Orders as o  
on o.shipperID = s.shipperID  
WHERE ShipperName = "Speedy Express"  
)  
;
```

(Answer A)

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## B

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

(Query B)

```
SELECT LastName
```

```
FROM
```

```
(
```

```
SELECT LastName, MAX(employee_value_counts)
```

```
FROM
```

```
(
```

```
SELECT e.LastName, o.EmployeeID, COUNT(*) AS employee_value_counts
```

```
FROM Employees as e
```

```
LEFT JOIN Orders as o
```

```
ON e.EmployeeID = o.employeeID
```

```
GROUP BY e.EmployeeID
```

```
)
```

```
)
```

```
;
```

(Answer B)

Peacock

## C

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

(Query C)

```
SELECT ProductName
FROM
(
  SELECT ProductName, MAX(product_value_counts)
  FROM
  (
    SELECT c.Country, o.CustomerID, o.OrderID, p.ProductName,
    od.ProductID, COUNT(ProductName) AS product_value_counts
    FROM Customers as c
    LEFT JOIN Orders as o
    ON o.CustomerID = c.CustomerID
    LEFT JOIN OrderDetails as od
    ON od.OrderID = o.OrderID
    LEFT JOIN Products as p
    ON od.ProductID = p.ProductID
    WHERE c.Country = "Germany"
    GROUP BY od.ProductID
  )
)
;
```

(Answer C)

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