# Question2

## q1: How many orders were shipped by Speedy Express in total?

```
SELECT COUNT(*)
FROM [Orders]
WHERE ShipperID = (
  SELECT ShipperID
  FROM [Shippers]
  WHERE ShipperName = 'Speedy Express')
```

result:

SQL Statement:

```
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.

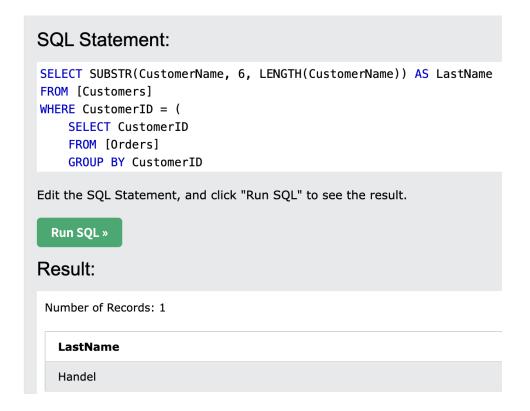**Run SQL »**

Result:

Number of Records: 1

| COUNT(*) |
| --- |
| 54 |

## q2: What is the last name of the employee with the most orders?

```
SELECT SUBSTR(CustomerName, 6, LENGTH(CustomerName)) AS LastName
FROM [Customers]
WHERE CustomerID = (
  SELECT CustomerID
    FROM [Orders]
  GROUP BY CustomerID
    ORDER BY COUNT(*) DESC
    LIMIT(1))
```

result:

## SQL Statement:

```
SELECT SUBSTR(CustomerName, 6, LENGTH(CustomerName)) AS LastName
FROM [Customers]
WHERE CustomerID = (
    SELECT CustomerID
    FROM [Orders]
    GROUP BY CustomerID
```

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

**Run SQL »**

## Result:

Number of Records: 1

| LastName |
| --- |
| Handel |

Note: There's no function 'STRPOS' or 'CHARINDEX'.

## q3: What product was ordered the most by customers in Germany?

```
SELECT ProductID, COUNT(*) AS OrderNum
FROM [Orders]
JOIN [OrderDetails]
WHERE CustomerID IN (
  SELECT CustomerID
    FROM [Customers]
```

```
    WHERE Country = 'Germany')
GROUP BY ProductID
ORDER BY OrderNum
LIMIT 1
```

result:

## SQL Statement:

```
SELECT ProductID, COUNT(*) AS OrderNum
FROM [Orders]
JOIN [OrderDetails]
WHERE CustomerID IN (
    SELECT CustomerID
    FROM [Customers]
```

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

**Run SQL »**

## Result:

Number of Records: 1

| ProductID | OrderNum |
|-----------|----------|
| 9         | 25       |