

## Question 2:

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

### SQL Statement:

```
SELECT s.ShipperName, o.ShipperID, SUM(od.Quantity) AS TotalQuantity
FROM OrderDetails od, Orders o, Shippers s
WHERE o.ShipperID = s.ShipperID AND o.OrderID=od.OrderID AND s.ShipperName = 'Speedy Express';
```

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

Run SQL »

### Result:

Number of Records: 1

ShipperName	ShipperID	TotalQuantity
Speedy Express	1	3575

Total orders shipped by Speedy Express were 3575

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

### SQL Statement:

```
SELECT o.OrderID, od.Quantity, emp.EmployeeID, emp.LastName, SUM(od.Quantity) AS TotalOrders
FROM OrderDetails od, Orders o, Employees emp
where od.OrderID = o.OrderID AND o.EmployeeID = emp.EmployeeID
GROUP BY (LastName)
ORDER BY TotalOrders DESC
LIMIT 1;
```

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

Run SQL »

### Result:

Number of Records: 1

OrderID	Quantity	EmployeeID	LastName	TotalOrders
10250	10	4	Peacock	3232

Last name of the employee with most orders was "Peacock"

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

#### SQL Statement:

```
SELECT C.Country, od.ProductID, P.ProductName, SUM(od.Quantity) AS TotalOrder
FROM Customers C, OrderDetails od, Orders o, Products P
WHERE C.CustomerID=o.CustomerID AND od.ProductID=P.ProductID AND o.OrderID=od.OrderID AND C.Country ='Germany'
GROUP BY ProductName
ORDER BY TotalOrder DESC
LIMIT 1;
```

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

Run SQL »

#### Result:

Number of Records: 1

Country	ProductID	ProductName	TotalOrder
Germany	40	Boston Crab Meat	160

Boston crab meat was mostly ordered by customers in Germany