

## Question 2

Enter the queries given into the following link and click on **Run SQL** to run them:

[https://www.w3schools.com/SQL/TRYSQL.ASP?FILENAME=TRYSQL\\_SELECT\\_ALL](https://www.w3schools.com/SQL/TRYSQL.ASP?FILENAME=TRYSQL_SELECT_ALL)

a.

**SQL Query:**

```
SELECT COUNT(*) AS 'Total Orders Shipped by Speedy Express'
FROM (Orders
INNER JOIN Shippers
ON Orders.ShipperID = Shippers.ShipperID)
WHERE Shippers.ShipperName = 'Speedy Express';
```

**Output:**

**'Total Orders Shipped by Speedy Express'**

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b.

**SQL Query:**

```
SELECT LastName AS 'Last Name of the Employee with the Most Orders'
FROM (
SELECT TOP 1 COUNT(*) AS order_nums,
      LastName
FROM (Orders
INNER JOIN Employees
ON Orders.EmployeeID = Employees.EmployeeID)
GROUP BY LastName
ORDER BY 1 DESC);
```

**Output:**

**'Last Name of the Employee with the Most Orders'**

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Peacock

c.

**SQL Query:**

```
SELECT ProductName AS 'Most Ordered by Customers in Germany'
FROM Products
WHERE Products.ProductID = (
SELECT Products.ProductID
FROM (
SELECT TOP 1 COUNT(*),
Products.ProductID
FROM Orders,
OrderDetails,
Customers,
Products
WHERE Orders.OrderID = OrderDetails.OrderID
AND Orders.CustomerID = Customers.CustomerID
AND OrderDetails.ProductID = Products.ProductID
AND Customers.Country = 'Germany'
GROUP BY Products.ProductID
ORDER BY 1 DESC));
```

**Output:**

**'Most Ordered by Customers in Germany'**

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