GROUP A:

6. Show the cities and postal codes for the customers in Germany (note it should be sorted in alphabetical order abc)
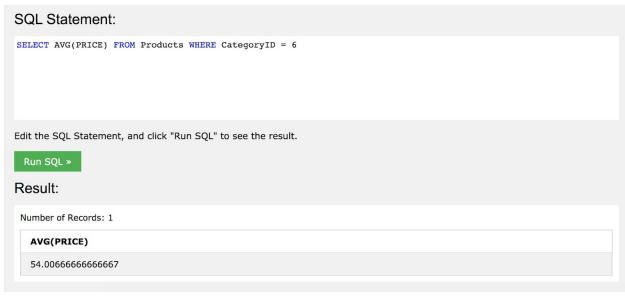
SQL Statement:

```
SELECT City, PostalCode FROM Customers WHERE Country = "Germany" ORDER BY City
```
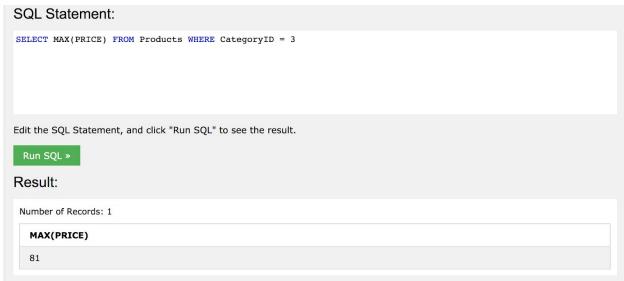
Result:

Number of Records: 11

City	PostalCode
Aachen	52066
Berlin	12209
Brandenburg	14776
Cunewalde	01307
Frankfurt a.M.	60528
Köln	50739
Leipzig	04179
Mannheim	68306
München	80805
Münster	44087
Stuttgart	70563

GROUP B:

B.1: Show the average price of products in category 6

SQL Statement:

```
SELECT AVG(PRICE) FROM Products WHERE CategoryID = 6
```

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

Run SQL »

Result:

Number of Records: 1

AVG(PRICE)
54.00666666666667

B.2: Show the maximum price of products in category 3

SQL Statement:

```
SELECT MAX(PRICE) FROM Products WHERE CategoryID = 3
```

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

Run SQL »

Result:

Number of Records: 1

MAX(PRICE)
81

B.3: Show the number of products in category 4

SQL Statement:

```sql
SELECT COUNT(*) FROM Products WHERE CategoryID = 4
```

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

Run SQL »

Result:

Number of Records: 1

COUNT(*)
10

GROUP C:

C.1: Show all the product names with the supplier name

SQL Statement:

```sql
SELECT Products.ProductName, Suppliers.SupplierName
FROM Products JOIN Suppliers
WHERE Products.SupplierID = Suppliers.SupplierID
ORDER BY SupplierName, ProductName
```

Result:
https://drive.google.com/file/d/1XfeEoJWjKwvJ4EAUbN1hUt-zVQdOqYBv/view?usp=sharing

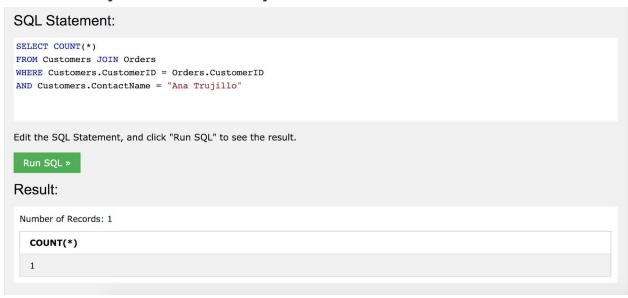## C.2: Show all the product names with the category names

SQL Statement:

```sql
SELECT Products.ProductName, Categories.CategoryName
FROM Products JOIN Categories
WHERE Products.CategoryID = Categories.CategoryID
ORDER BY CategoryName, ProductName
```

Result:
https://drive.google.com/file/d/1UwFtV90tTTiJ6BAL5GF-rtmRRrAWgC6w/view?usp=sharing

GROUP D:

D.1: How many orders did Ana Trujillo make?

SQL Statement:

```
SELECT COUNT(*)
FROM Customers JOIN Orders
WHERE Customers.CustomerID = Orders.CustomerID
AND Customers.ContactName = "Ana Trujillo"
```

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

Run SQL »

Result:

Number of Records: 1

COUNT(*)
1

D.2: What shipping company does Ana Trujillo typically use?

SQL Statement:

```
SELECT ShipperName
FROM Customers JOIN Orders JOIN Shippers
WHERE Customers.CustomerID = Orders.CustomerID
AND Customers.ContactName = "Ana Trujillo"
AND Orders.ShipperID = Shippers.ShipperID
```

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

Run SQL »

Result:

Number of Records: 1

ShipperName
Federal Shipping

D.3: What did Ana Trujillo buy?

SQL Statement:

```sql
SELECT Products.ProductName
FROM Customers JOIN Orders JOIN OrderDetails JOIN Products
WHERE Customers.CustomerID = Orders.CustomerID
AND Customers.ContactName = "Ana Trujillo"
AND Orders.OrderID = OrderDetails.OrderID
AND OrderDetails.ProductID = Products.ProductID
```

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

Run SQL »

Result:

Number of Records: 2

ProductName
Gudbrandsdalsost
Outback Lager