

**A1. Show the customer id and name of any customer in Germany (note it should be sorted in alphabetical order abc)**

```
SELECT CustomerID, CustomerName FROM Customers WHERE Country = "Germany"  
ORDER BY CustomerName
```

<b>CustomerID</b>	<b>CustomerName</b>
1	Alfreds Futterkiste
6	Blauer See Delikatessen
86	Die Wandernde Kuh
17	Drachenblut Delikatessend
25	Frankenversand
39	Königlich Essen
44	Lehmanns Marktstand
52	Morgenstern Gesundkost
56	Ottilies Käseladen
63	QUICK-Stop
79	Toms Spezialitäten

**B1. Show the average price of products in category 6**

```
SELECT sum(Price) / count(Price) FROM Products WHERE CategoryID = 6
```

**sum(Price) / count(Price)**

54.006666666666667

**B2. Show the maximum price of products in category 3**

```
SELECT max(Price) FROM Products WHERE CategoryID = 3
```

**max(Price)**

81

**B3. Show the number of products in category 4**

```
SELECT count(*) FROM Products WHERE CategoryID = 4
```

**count(\*)**

10

### C1. Show all the product names with the supplier name

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

ProductName	SupplierName
Chais	Exotic Liquid
Chang	Exotic Liquid
Aniseed Syrup	Exotic Liquid
Chef Anton's Cajun Seasoning	New Orleans Cajun Delights
Chef Anton's Gumbo Mix	New Orleans Cajun Delights
Grandma's Boysenberry Spread	Grandma Kelly's Homestead
Uncle Bob's Organic Dried Pears	Grandma Kelly's Homestead
Northwoods Cranberry Sauce	Grandma Kelly's Homestead
Mishi Kobe Niku	Tokyo Traders
Ikura	Tokyo Traders
Queso Cabrales	Cooperativa de Quesos 'Las Cabras'
Queso Manchego La Pastora	Cooperativa de Quesos 'Las Cabras'
Konbu	Mayumi's
Tofu	Mayumi's
Genen Shouyu	Mayumi's
Pavlova	Pavlova, Ltd.
Alice Mutton	Pavlova, Ltd.
Carnarvon Tigers	Pavlova, Ltd.
Teatime Chocolate Biscuits	Specialty Biscuits, Ltd.
Sir Rodney's Marmalade	Specialty Biscuits, Ltd.

Sir Rodney's Scones	Specialty Biscuits, Ltd.
Gustaf's Knäckebröd	PB Knäckebröd AB
Tunnbröd	PB Knäckebröd AB
Guaraná Fantástica	Refrescos Americanas LTDA
NuNuCa Nuß-Nougat-Creme	Heli Süßwaren GmbH & Co. KG
Gumbär Gummibärchen	Heli Süßwaren GmbH & Co. KG
Schoggi Schokolade	Heli Süßwaren GmbH & Co. KG
Rössle Sauerkraut	Plutzer Lebensmittelgroßmärkte AG
Thüringer Rostbratwurst	Plutzer Lebensmittelgroßmärkte AG
Nord-Ost Matjeshering	Nord-Ost-Fisch Handelsgesellschaft mbH
Gorgonzola Telino	Formaggi Fortini s.r.l.
Mascarpone Fabioli	Formaggi Fortini s.r.l.
Geitost	Norske Meierier
Sasquatch Ale	Bigfoot Breweries
Steeleye Stout	Bigfoot Breweries
Inlagd Sill	Svensk Sjöföda AB
Gravad lax	Svensk Sjöföda AB
Côte de Blaye	Aux joyeux ecclésiastiques
Chartreuse verte	Aux joyeux ecclésiastiques
Boston Crab Meat	New England Seafood Cannery
Jack's New England Clam Chowder	New England Seafood Cannery
Singaporean Hokkien Fried Mee	Leka Trading
Ipoh Coffee	Leka Trading
Gula Malacca	Leka Trading

Røgede sild	Lyngbysild
Spegesild	Lyngbysild
Zaanse koeken	Zaanse Snoepfabriek
Chocolade	Zaanse Snoepfabriek
Maxilaku	Karkki Oy
Valkoinen suklaa	Karkki Oy
Manjimup Dried Apples	G'day, Mate
Filo Mix	G'day, Mate
Perth Pasties	G'day, Mate
Tourtière	Ma Maison
Pâté chinois	Ma Maison
Gnocchi di nonna Alice	Pasta Buttini s.r.l.
Ravioli Angelo	Pasta Buttini s.r.l.
Escargots de Bourgogne	Escargots Nouveaux
Raclette Courdavault	Gai pâturage
Camembert Pierrot	Gai pâturage
Sirop d'érable	Forêts d'érables
Tarte au sucre	Forêts d'érables
Vegie-spread	Pavlova, Ltd.
Wimmers gute Semmelknödel	Plutzer Lebensmittelgroßmärkte AG
Louisiana Fiery Hot Pepper Sauce	New Orleans Cajun Delights
Louisiana Hot Spiced Okra	New Orleans Cajun Delights
Laughing Lumberjack Lager	Bigfoot Breweries
Scottish Longbreads	Specialty Biscuits, Ltd.

Gudbrandsdalsost

Norske Meierier

Outback Lager

Pavlova, Ltd.

Fløtemysost

Norske Meierier

Mozzarella di Giovanni

Formaggi Fortini s.r.l.

Röd Kaviar

Svensk Sjöföda AB

Longlife Tofu

Tokyo Traders

Rhönbräu Klosterbier

Plutzer Lebensmittelgroßmärkte AG

Lakkalikööri

Karkki Oy

Original Frankfurter grüne Soße

Plutzer Lebensmittelgroßmärkte AG

**D1. How many orders did Ana Trujillo make?**

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

**count(\*)**

1

**D2. What shipping company does Ana Trujillo typically use?**

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

**ShipperName**

Federal Shipping

**D3. What did Ana Trujillo buy?**

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

**ProductName**

Gudbrandsdalsost

Outback Lager