

Kemar Golding  
CST171-SP18  
Chapter 7  
Scenario: Using the w3schools sql environment

The assignment for Chapter 7 was to complete the steps for your Scenario that start on page 123. EVERY STUDENT IS EXPECTED TO CREATE THEIR OWN VERSION OF THE DATABASE. ANY SUBMISSIONS CONTAINING COPIED/BORROWED WORK FROM ANOTHER CLASSMATE WILL BE CONSIDERED CHEATING.

You were directed to create a database in MySQL.

For Chapter 7, you are to complete the 5 bulleted items for your Scenario. You are to copy and paste the SQL commands that are needed to answer the bulleted question and then paste screenshot(s) of the results for each question.

Bullet 1. Two or three simple SELECTS with various WHERE criteria.

```
SELECT * FROM Customers  
WHERE Country='Mexico';
```

Result:

Number of Records: 5

CustomerID	CustomerName	ContactName	Address	City	PostalCode	Country
2	Ana Trujillo Emparedados y helados	Ana Trujillo	Avda. de la Constitución 2222	México D.F.	05021	Mexico
3	Antonio Moreno Taquería	Antonio Moreno	Mataderos 2312	México D.F.	05023	Mexico
13	Centro comercial Moctezuma	Francisco Chang	Sierras de Granada 9993	México D.F.	05022	Mexico
58	Pericles Comidas clásicas	Guillermo Fernández	Calle Dr. Jorge Cash 321	México D.F.	05033	Mexico
80	Tortuga Restaurante	Miguel Angel Paolino	Avda. Azteca 123	México D.F.	05033	Mexico

```
SELECT * FROM Customers  
WHERE CustomerID=1;
```

Result:

Number of Records: 1

CustomerID	CustomerName	ContactName	Address	City	PostalCode	Country
1	Alfreds Futterkiste	Maria Anders	Obere Str. 57	Berlin	12209	Germany

Bullet 2. Two or three queries using aggregate functions.

```
SELECT MIN(Price) AS SmallestPrice
FROM Products;
```

Result:

Number of Records: 1

SmallestPrice
2.5

```
SELECT MAX(Price) AS LargestPrice
FROM Products;
```

Result:

Number of Records: 1

LargestPrice
263.5

Bullet 3. At least two queries that use joins.

```
SELECT Orders.OrderID, Customers.CustomerName, Shippers.ShipperName
FROM ((Orders
INNER JOIN Customers ON Orders.CustomerID = Customers.CustomerID)
INNER JOIN Shippers ON Orders.ShipperID = Shippers.ShipperID);
```

## Result:

Number of Records: 196

OrderID	CustomerName	ShipperName
10248	Wilman Kala	Federal Shipping
10249	Tradição Hipermercados	Speedy Express
10250	Hanari Carnes	United Package
10251	Victuailles en stock	Speedy Express
10252	Suprêmes délices	United Package
10253	Hanari Carnes	United Package
10254	Chop-suey Chinese	United Package
10255	Richter Supermarkt	Federal Shipping
10256	Wellington Importadora	United Package
10257	HILARIÓN-Abastos	Federal Shipping
10258	Ernst Handel	Speedy Express
10259	Centro comercial Moctezuma	Federal Shipping
10260	Old World Delicatessen	Speedy Express

10261	Que Delícia	United Package
10262	Rattlesnake Canyon Grocery	Federal Shipping
10263	Ernst Handel	Federal Shipping
10264	Folk och få HB	Federal Shipping
10265	Blondel père et fils	Speedy Express
10266	Wartian Herkku	Federal Shipping
10267	Frankenversand	Speedy Express
10268	GROSELLA-Restaurante	Federal Shipping
10269	White Clover Markets	Speedy Express
10270	Wartian Herkku	Speedy Express
10271	Split Rail Beer & Ale	United Package
10272	Rattlesnake Canyon Grocery	United Package
10273	QUICK-Stop	Federal Shipping
10274	Vins et alcools Chevalier	Speedy Express
10275	Magazzini Alimentari Riuniti	Speedy Express
10276	Tortuga Restaurante	Federal Shipping

10276	Fortage Restaurant	Federal Shipping
10277	Morgenstern Gesundkost	Federal Shipping
10278	Berglunds snabbköp	United Package
10279	Lehmanns Marktstand	United Package
10280	Berglunds snabbköp	Speedy Express
10281	Romero y tomillo	Speedy Express
10282	Romero y tomillo	Speedy Express
10283	LILA-Supermercado	Federal Shipping
10284	Lehmanns Marktstand	Speedy Express
10285	QUICK-Stop	United Package
10286	QUICK-Stop	Federal Shipping
10287	Ricardo Adocicados	Federal Shipping
10288	Reggiani Caseifici	Speedy Express
10289	B's Beverages	Federal Shipping
10290	Comércio Mineiro	Speedy Express
10291	Que Delícia	United Package
10292	Tradição Hipermercados	United Package

```

SELECT Orders.OrderID, Employees.LastName, Employees.FirstName
FROM Orders
RIGHT JOIN Employees
ON Orders.EmployeeID = Employees.EmployeeID
ORDER BY Orders.OrderID;

```

Result:

Number of Records: 197

OrderID	LastName	FirstName
	West	Adam
10248	Buchanan	Steven
10249	Suyama	Michael
10250	Peacock	Margaret
10251	Leverling	Janet
10252	Peacock	Margaret
10253	Leverling	Janet
10254	Buchanan	Steven

Bullet 4. Two or three INSERT statements.

```
INSERT INTO Customers (CustomerName, City, Country)
SELECT SupplierName, City, Country FROM Suppliers;
```

Result:

You have made changes to the database. Rows affected: 29

```
INSERT INTO Customers (CustomerName, City, Country)
SELECT SupplierName, City, Country FROM Suppliers
WHERE Country='Germany';
```

Result:

You have made changes to the database. Rows affected: 3

Bullet 5. One or two UPDATES and/or a DELETE.

```
UPDATE Customers
SET ContactName='Alfred Schmidt', City='Frankfurt'
WHERE CustomerID=1;
```

Result:

You have made changes to the database. Rows affected: 1

---

I certify that the above work is my own. I did not copy work from the Internet or from a classmate. This project will count as part of my grade for the course.