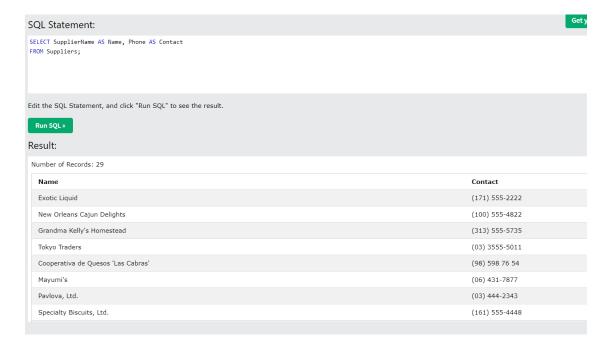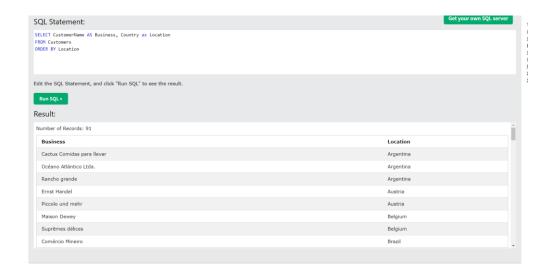Kendall Taylor

Database Development and Use

Module 5.2 MySQL Functions

June 23rd, 2024

- Select statements are used to find specific columns of data. This saves time by allowing you to select certain columns and pull up all the data in the column.
- This select statement shows a list of suppliers and their contact numbers. A company may need this information to contact the right suppliers to order more supplies. The alias for SupplierName is just Name and the Alias for Phone is Contact, as the user is able to more easily read the supplier information.

SQL Statement: Get y

```
SELECT SupplierName AS Name, Phone AS Contact
FROM Suppliers;
```

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

Run SQL »

Result:

Number of Records: 29

Name	Contact
Exotic Liquid	(171) 555-2222
New Orleans Cajun Delights	(100) 555-4822
Grandma Kelly's Homestead	(313) 555-5735
Tokyo Traders	(03) 3555-5011
Cooperativa de Quesos 'Las Cabras'	(98) 598 76 54
Mayumi's	(06) 431-7877
Pavlova, Ltd.	(03) 444-2343
Specialty Biscuits, Ltd.	(161) 555-4448

- Order By statements allow you to organize your data by specific information within a column. This helps to group all of the same data together in an ascending or descending order.

- This Select and Order By statement lists the CustomerName and Country. It orders the data by location alphabetically. The Alias used for Customer Name was Business and for Country was Location so the person viewing can easily tell where a product is to be shipped.

SQL Statement:

Get your own SQL server

```
SELECT CustomerName AS Business, Country as Location
FROM Customers
ORDER BY Location
```

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

Run SQL »

Result:

Number of Records: 91

Business	Location
Cactus Comidas para llevar	Argentina
Océano Atlántico Ltda.	Argentina
Rancho grande	Argentina
Ernst Handel	Austria
Piccolo und mehr	Austria
Maison Dewey	Belgium
Suprêmes délices	Belgium
Comércio Mineiro	Brazil

- The Where statement can be used to filter selection to a specific place. This can be used to help narrow down what customers are in specific locations. It may be used to categorize and organize customer shipments.

SQL Statement:

Get your o

```
SELECT CustomerName as Customer, Country as Location
From Customers
Where Country = "USA";
```

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

Run SQL »

Result:

Number of Records: 13

Customer	Location
Great Lakes Food Market	USA
Hungry Coyote Import Store	USA
Lazy K Kountry Store	USA
Let's Stop N Shop	USA
Lonesome Pine Restaurant	USA
Old World Delicatessen	USA
Rattlesnake Canyon Grocery	USA
Save-a-lot Markets	USA