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| Name: Davila, John E. | Instructor: Mr. Alfred Ocampo |
| Section: BSIT – 2D | Subject: FDBS |

Activity #2

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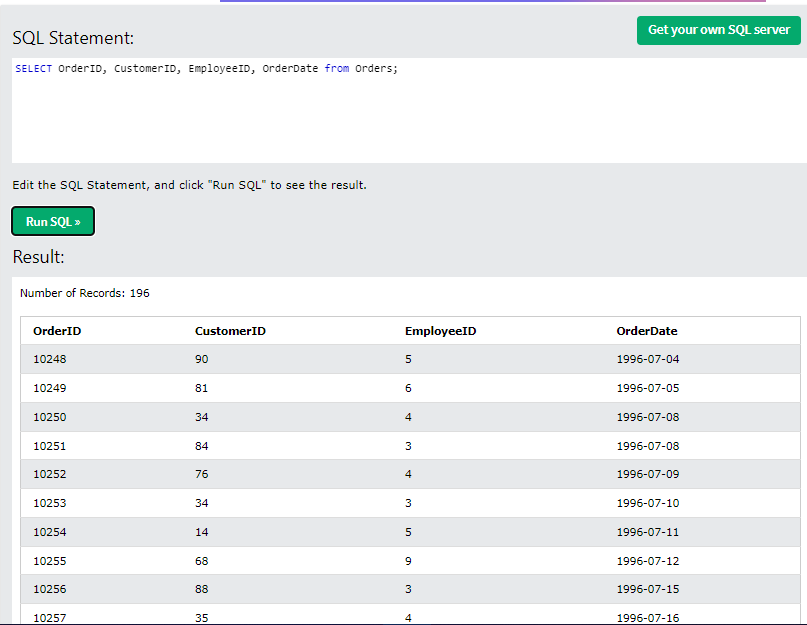
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# **Fundamental of Database Systems**

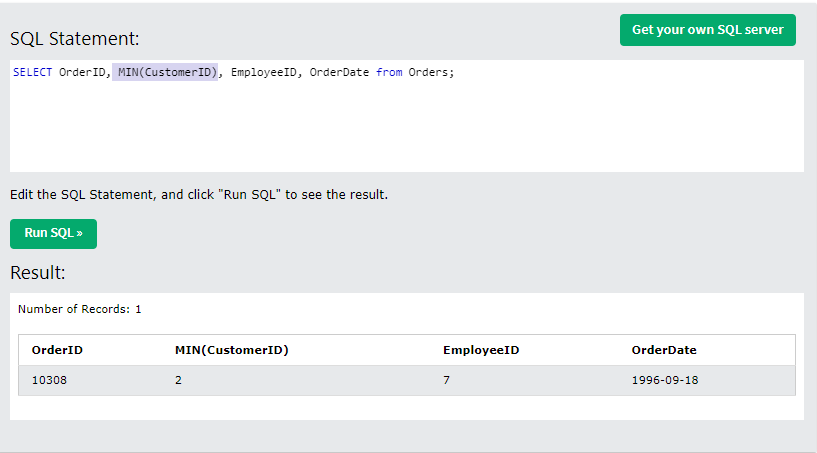
## Min and Max

### The MIN() function returns the smallest value of the selected column.

#### **Before using MIN()**

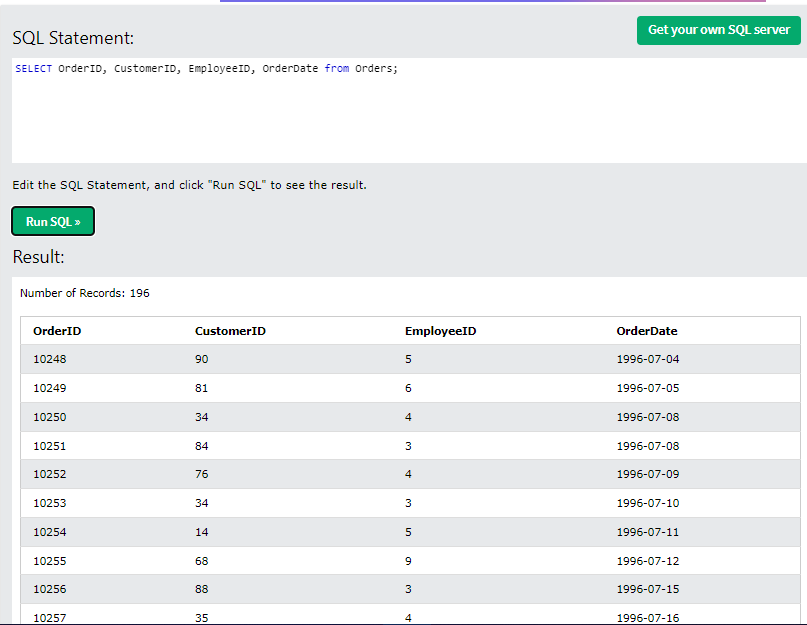


#### **After using MIN()**

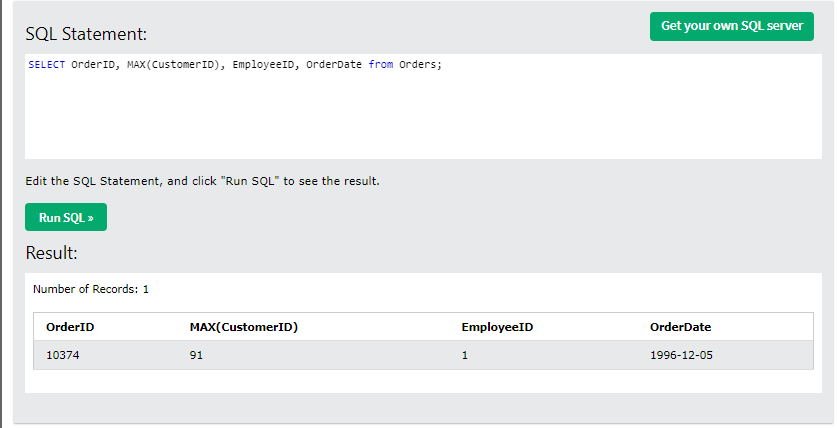


### The MAX() function returns the largest value of the selected column.

#### **Before using MAX()**



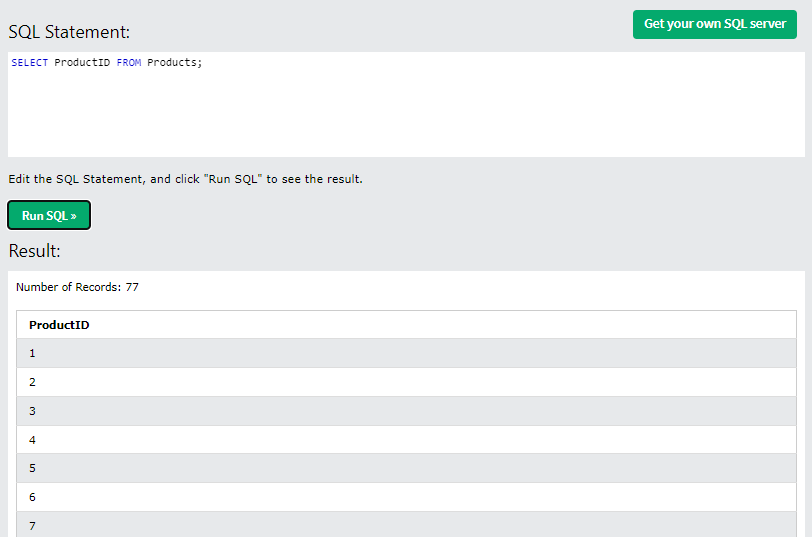
#### **After using MAX()**



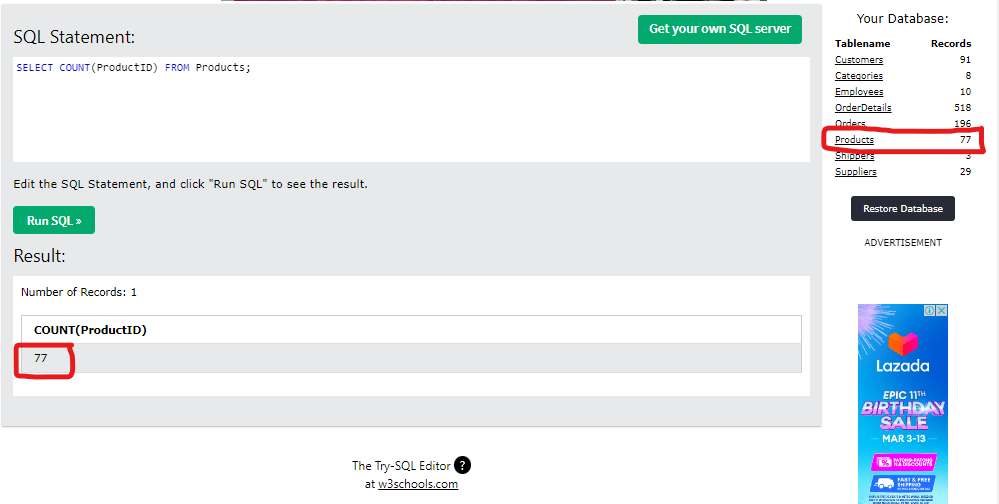
## Count Ave Sum

### The COUNT() function returns the number of rows that matches a specified criterion.

#### **Before using COUNT()**

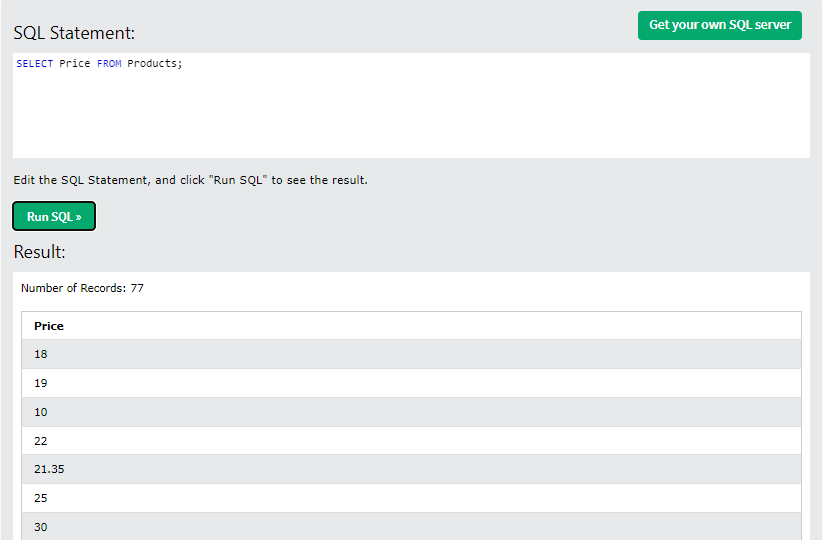


#### **After using COUNT()**

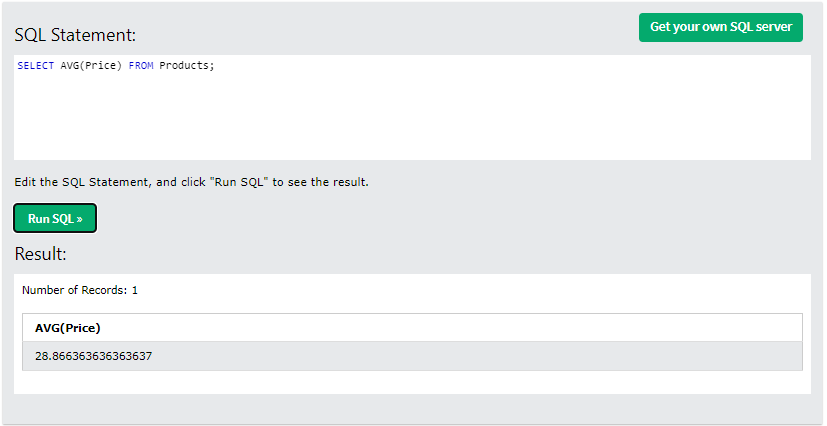


### The AVG() function returns the average value of a numeric column.

#### **Before using AVG()**

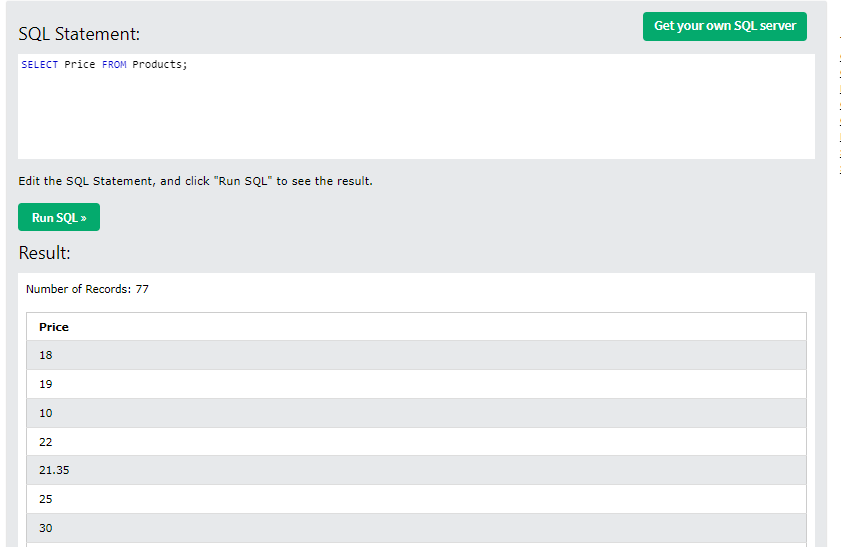


#### **After using AVG()**



### The SUM() function returns the total sum of a numeric column.

#### **Before using SUM()**



#### **After using SUM()**



## Like

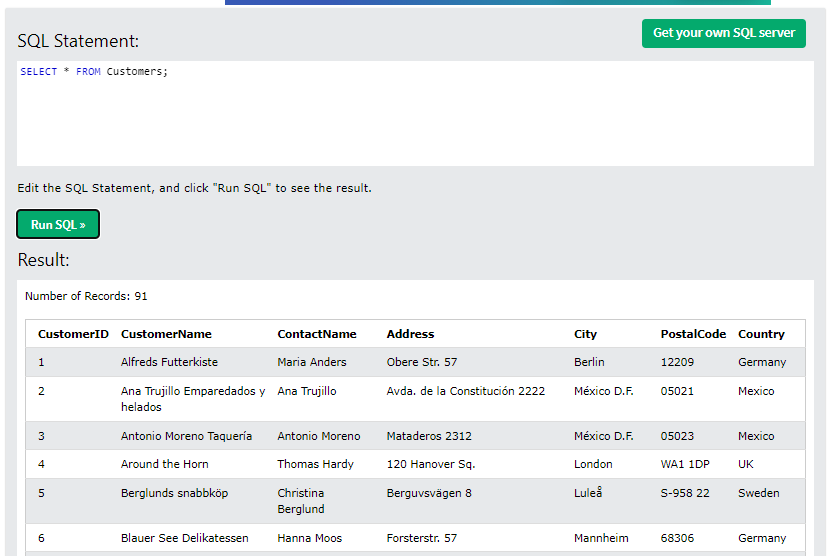
### The LIKE operator is used in a WHERE clause to search for a specified pattern in a column.

There are two wildcards often used in conjunction with the LIKE operator:

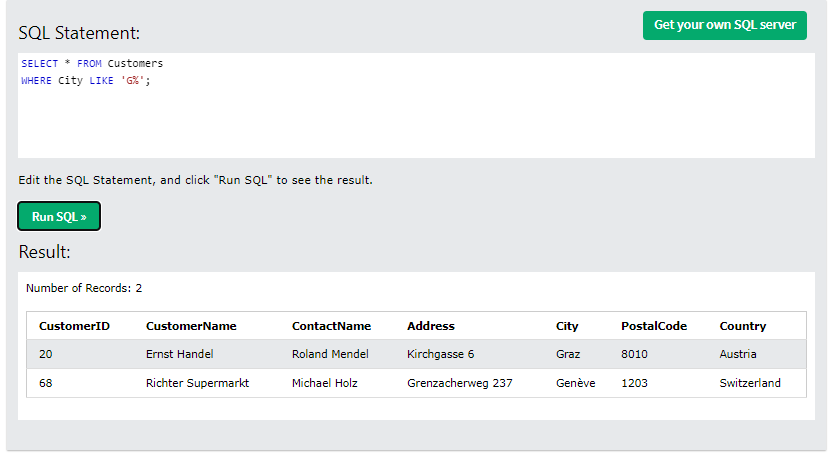
* The percent sign (%) represents zero, one, or multiple characters
* The underscore sign (\_) represents one, single character
* Both of these wildcards can be combined to fetch a specific data

**I will fetch columns if the country starts with letter “G”.**

#### **Before using LIKE()**



#### **After using LIKE()**



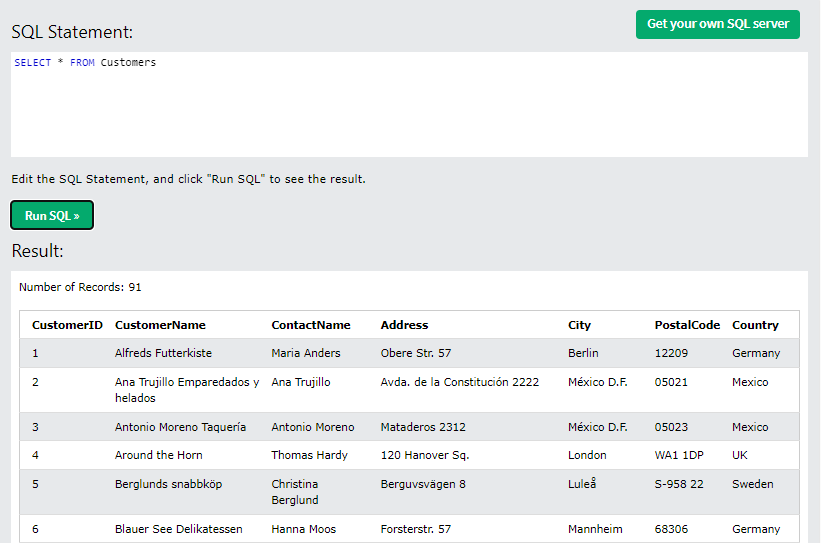
## In

### The IN operator allows you to specify multiple values in a WHERE clause.

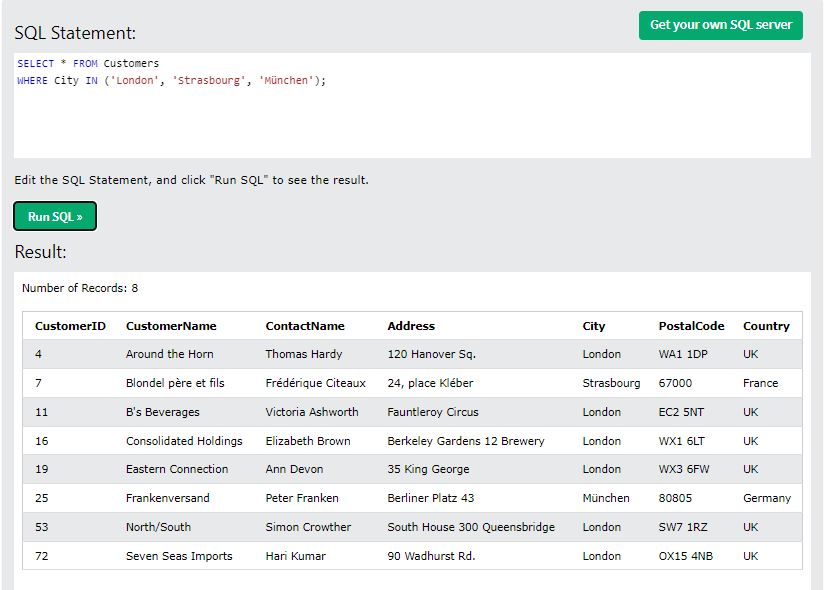
The IN operator is a shorthand for multiple OR conditions.

**I will fetch only fetch columns if their city is one of the these following: London, Strasbourg, Munchen.**

#### **Before using IN()**



#### **After using IN()**



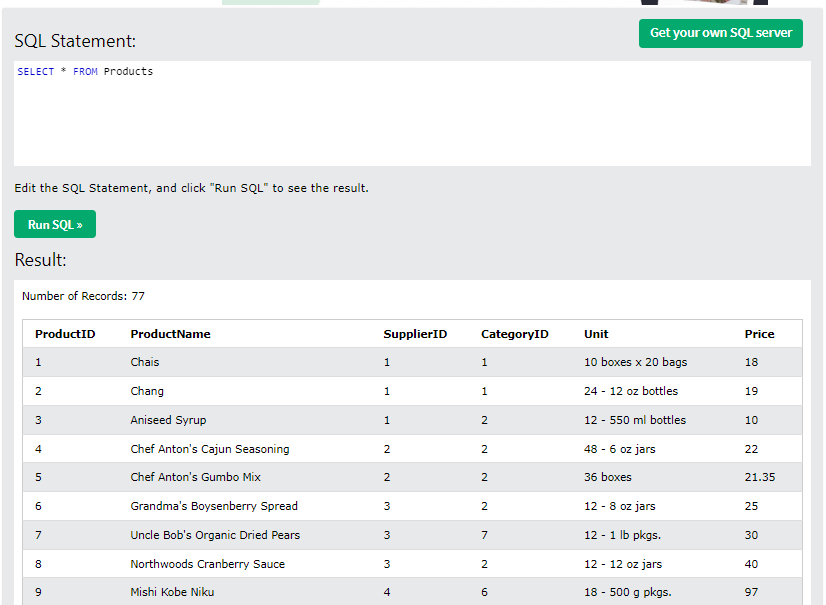
## Between

### The BETWEEN operator selects values within a given range. The values can be numbers, text, or dates.

The BETWEEN operator is inclusive: begin and end values are included.

**I will fetch only fetch columns if the supplier id is in between 3 to 4.**

#### **Before using BETWEEN()**



#### **After using BETWEEN()**

