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Assignment 5.2

**COUNT()**

When it might be used:

The count function would be used when you just need to know how many rows of something there are. This could be used to either get a count of all rows in a table, or to count how many rows meet a certain criteria.

Appropriate alias:

These would normally use an alias as “NumberOfSomething” with something being what you are counting.

Running the statement:

A black screen with white text

Description automatically generated

**CONCAT()**

When it might be used:

This would be used when you would like to combine multiple strings together. This would be used when you would like to see related data that is in separate fields put together. Examples could include first name last name or address and zip code.

Appropriate alias:

You would want the alias to describe what the combined values represent. In the case of first and last name you would maybe name it FullName.

Running the statement:

A black screen with white text

Description automatically generated

**MAX() and MIN()**

When it might be used:

Max and Min can be used when you need to know the largest or smallest amount of something. This could be of a whole table. It could be the largest or smallest amount that meets a certain condition if combined with a WHERE clause. It can also be used to get the largest or smallest amount in every group if used with a GROUP BY clause.

Appropriate alias:

Something descriptive to what you are getting the min or max for. Examples: LargestPopulation SmallestPopulation.

Running the statement:

(Some countries only have 1 city so their MIN and MAX are the same)

A screenshot of a computer

Description automatically generated

A computer screen with numbers and letters

Description automatically generated