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Assignment 5.2

June 23, 2024

**Ran()**

The ran() function within SQL calls upon a random number. This can be useful when trying to generate numbers for something lottery based. For example, you have users who all have a specific user assigned, and you need to develop a random number to decide which user will get the prize; ran() will help pick an unbiased number. The same idea can apply when you need to assign values to users or within databases where the exact value is not essential, yet having or containing a value is. I decided to give the alias of this as “Random number generator.”

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Description automatically generated

**MONTHNAME()**

Monthname() is a handy function (which calls upon the month of an imputed date) that can be used numerous times throughout a database. If a database is more focused on physical dates than the numeric of a date, this function may be called to identify the month of a specific table. This function is also handy for earthquake databases. Let's say they needed to indicate the months, and within that table, they put the earthquakes that occurred. The data scientist can use monthname() to help speed up getting the name of making the database more readable. Since I used my birthday month, I used “Birthday month” as my alias.

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**LAST\_INSERT\_ID()**

The last function I want to cover is LAST\_INSERT\_ID(), which returns the values of the previous column added to a table. When working on a database, sometimes you may be putting in several values consistently, creating a great workflow. However, what if you were interrupted and needed to revisit the last row you touched yet can't remember which one it is? The LAST\_INSERT\_ID() function can help you recall the row. The alias I used for this was “Recall ID” since I find it more beneficial.

