

Access: Rnd Function

In Access, the **Rnd** function allows you to generate a random number (integer value). You can specify the random number to be a value between 2 user-specified numbers.

The syntax for the **Rnd** function is:

$\text{Int}((\text{upperbound} - \text{lowerbound} + 1) * \text{Rnd} + \text{lowerbound})$

upperbound is the highest value that the random number can be.

lowerbound is the lowest value that the random number can be.

For example:

$\text{Int}((6 - 1 + 1) * \text{Rnd} + 1)$ would return a random number between 1 and 6.

$\text{Int}((200 - 150 + 1) * \text{Rnd} + 150)$ would return a random number between 150 and 200

$\text{Int}((999 - 100 + 1) * \text{Rnd} + 100)$ would return a random number between 100 and 999

VBA Code

The **Rnd** function can be used in VBA code. For example:

```
Dim LRandomNumber As Integer
```

```
LRandomNumber = Int ((300 - 200 + 1) * Rnd + 200)
```

In this example, the variable called LRandomNumber would now contain a random number between 200 and 300.

SQL/Queries

You can also use the **Rnd** function in a query.

