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For Loops vs. While Loops

For Loops Vs. While Loops

Now that you are familiar with both `for` and `while` loops, let's consider when it's most helpful to use each of them.

`for` loops are ideal when the **number of iterations is known or finite**.

Examples:

- When you have an iterable collection (list, string, set, tuple, dictionary)
 - `for name in names:`
- When you want to iterate through a loop for a definite number of times, using `range()`
 - `for i in range(5):`

**** `while` loops are ideal when the **iterations need to continue until a condition is met**.**

Examples:

- When you want to use comparison operators
 - `while count <= 100:`
- When you want to loop based on receiving specific user input.
 - `while user_input == 'y':`

Check out these webpages to see more examples on this topic:

- StackOverflow [discussion](#).
- Wiki page on [Python.org](#)

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