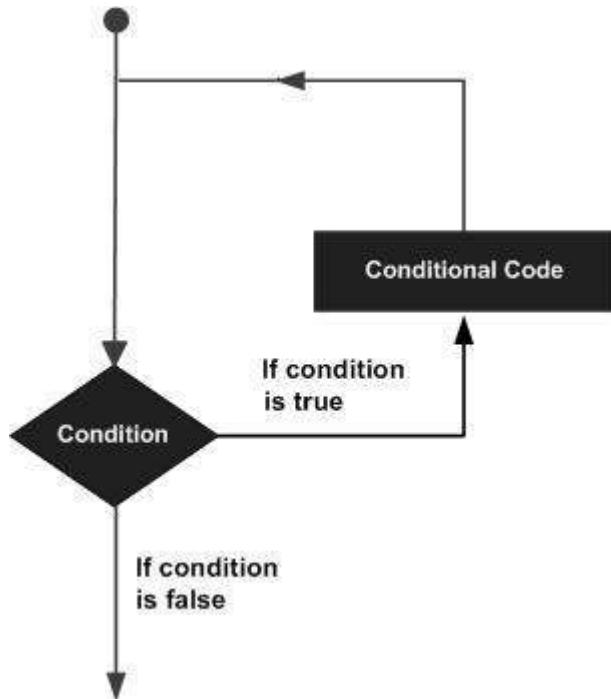


# VBA - LOOPS

There may be a situation when you need to execute a block of code several number of times. In general, statements are executed sequentially: The first statement in a function is executed first, followed by the second, and so on.

Programming languages provide various control structures that allow for more complicated execution paths.

A loop statement allows us to execute a statement or group of statements multiple times and following is the general form of a loop statement in VBA.



VBA provides the following types of loops to handle looping requirements. Click the following links to check their detail.

Loop Type	Description
<a href="#">for loop</a>	Executes a sequence of statements multiple times and abbreviates the code that manages the loop variable.
<a href="#">for ..each loop</a>	This is executed if there is at least one element in group and reiterated for each element in a group.
<a href="#">while..wend loop</a>	This tests the condition before executing the loop body.
<a href="#">do..while loops</a>	The do..While statements will be executed as long as condition is True. <i>i. e. ,</i> The Loop should be repeated till the condition is False.
<a href="#">do..until loops</a>	The do..Until statements will be executed as long as condition is False. <i>i. e. ,</i> The Loop should be repeated till the condition is True.

## Loop Control Statements:

Loop control statements change execution from its normal sequence. When execution leaves a scope, all the remaining statements in the loop are NOT executed.

VBA supports the following control statements. Click the following links to check their detail.

Control Statement	Description
<a href="#">Exit For statement</a>	Terminates the <b>For loop</b> statement and transfers execution to the statement immediately following the loop
<a href="#">Exit Do statement</a>	Terminates the <b>Do While</b> statement and transfers execution to the statement immediately following the loop

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