

VBA - LOOPS

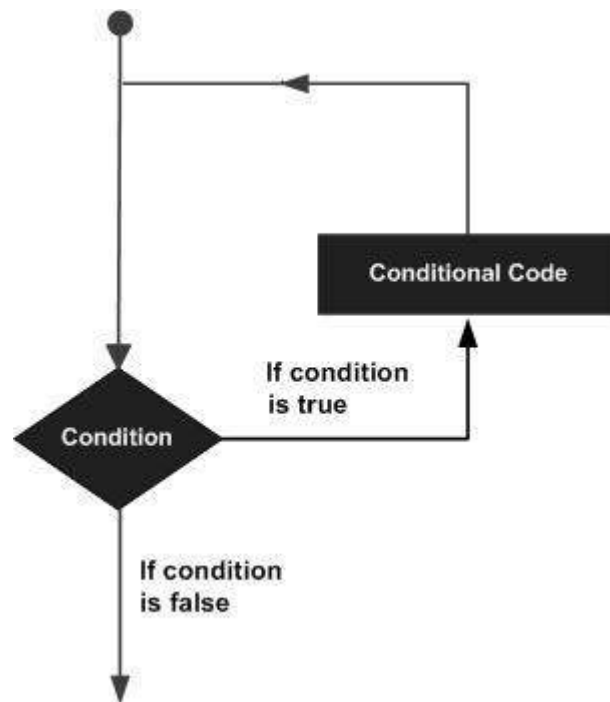
http://www.tutorialspoint.com/vba/vba_loops.htm

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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 from 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
for loop	Executes a sequence of statements multiple times and abbreviates the code that manages the loop variable.
for ..each loop	This is executed if there is at least one element in group and reiterated for each element in a group.
while..wend loop	This tests the condition before executing the loop body.
do..while loops	The do..While statements will be executed as long as condition is True.i. e. , The Loop should be repeated till the condition is False.
do..until loops	The do..Until statements will be executed as long as condition is False.i. e. , 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
Exit For statement	Terminates the For loop statement and transfers execution to the statement immediately following the loop
Exit Do statement	Terminates the Do While statement and transfers execution to the statement immediately following the loop

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