

PERL UNTIL LOOP

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An **until** loop statement in Perl programming language repeatedly executes a target statement as long as a given condition is false.

Syntax

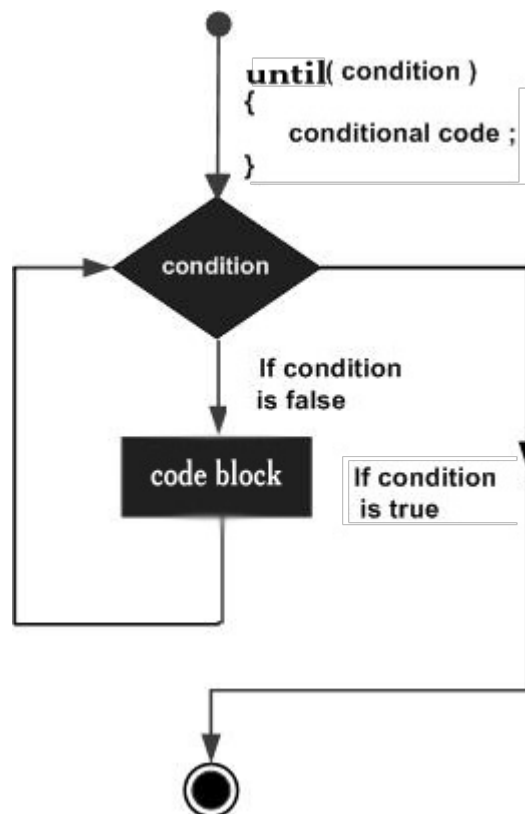
The syntax of an **until** loop in Perl programming language is –

```
until(condition)
{
    statement(s);
}
```

Here **statements** may be a single statement or a block of statements. The **condition** may be any expression. The loop iterates until the condition becomes true. When the condition becomes true, the program control passes to the line immediately following the loop.

*The number 0, the strings '0' and '', the empty list , and undef are all **false** in a boolean context and all other values are **true**. Negation of a true value by **!** or **not** returns a special false value.*

Flow Diagram



Here key point of the *until* loop is that the loop might not ever run. When the condition is tested and the result is true, the loop body will be skipped and the first statement after the until loop will be executed.

Example

```
#!/usr/local/bin/perl

$a = 5;
```

```
# until loop execution
until( $a > 10 ){
    printf "Value of a: $a\n";
    $a = $a + 1;
}
```

Here we are using the comparison operator `>` to compare value of variable *against 10*. So until the value of *a* is less than 10, until loop continues executing a block of code next to it and as soon as the value of *\$a* becomes greater than 10, it comes out. When executed, above code produces the following result –

```
Value of a: 5
Value of a: 6
Value of a: 7
Value of a: 8
Value of a: 9
Value of a: 10
```

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