

PERL DO...WHILE LOOP

http://www.tutorialspoint.com/perl/perl_do_while_loop.htm

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Unlike **for** and **while** loops, which test the loop condition at the top of the loop, the **do...while** loop checks its condition at the bottom of the loop.

A **do...while** loop is similar to a while loop, except that a do...while loop is guaranteed to execute at least one time.

Syntax

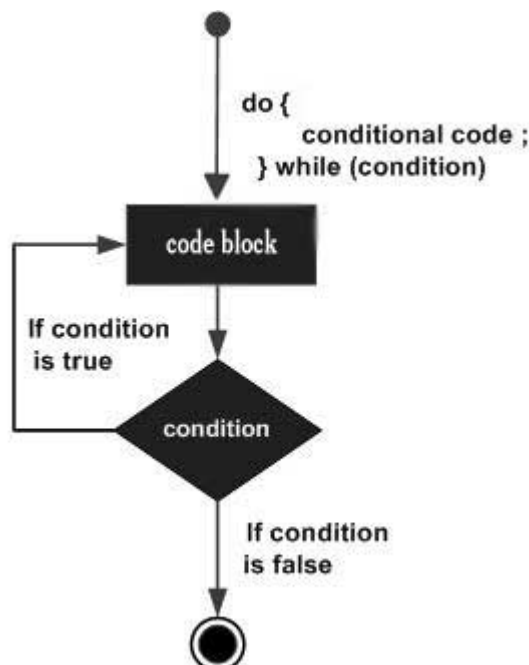
The syntax of a **do...while** loop in Perl is –

```
do
{
    statement(s);
}while( condition );
```

It should be noted that the conditional expression appears at the end of the loop, so the statements in the loop executes once before the condition is tested. If the condition is true, the flow of control jumps back up to do, and the statements in the loop executes again. This process repeats until the given condition becomes false.

*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



Example

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

$a = 10;

# do...while loop execution
do{
    printf "Value of a: $a\n";
    $a = $a + 1;
```

```
}while( $a < 20 );
```

When the above code is executed, it produces the following result –

```
Value of a: 10  
Value of a: 11  
Value of a: 12  
Value of a: 13  
Value of a: 14  
Value of a: 15  
Value of a: 16  
Value of a: 17  
Value of a: 18  
Value of a: 19
```

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