

- JS Basic
- JS HOME

JS Introduction

JS How To

JS Where To

JS Statements

JS Comments

JS Variables

JS Operators

JS Comparisons

JS If...Else

JS Switch

JS Popup Boxes

JS Functions

JS For Loop

JS While Loop

JS Break Loops

JS For...In

JS Events

JS Try...Catch

JS Throw

JS Special Text

JS Guidelines

- JS Objects
- JS Objects Intro

JS String

JS Date

JS Array

JS Boolean

JS Math

JS RegExp

- JS Advanced
- JS Browser

JS Cookies

JS Validation

JS Timing

JS Create Object

JS Summary

- JS Examples
- JS Examples

JS Objects Examples

JS Browser Examples

JS DOM Examples

JS Quiz

JS Certificate

- JS References
- JavaScript Objects

HTML DOM Objects

JavaScript While Loop

[« Previous](#)

[Next Chapter »](#)

Loops execute a block of code a specified number of times, or while a specified condition is true.

The while Loop

The while loop loops through a block of code while a specified condition is true.

Syntax

```
while (variable<=endvalue)
{
  code to be executed
}
```

Note: The <= could be any comparing operator.

Example

The example below defines a loop that starts with i=0. The loop will continue to run as long as **i** is less than, or equal to 5. **i** will increase by 1 each time the loop runs:

Example

```
<html>
<body>
<script type="text/javascript">
var i=0;
while (i<=5)
{
  document.write("The number is " + i);
  document.write("<br />");
  i++;
}
</script>
</body>
</html>
```

Try it yourself »

The do...while Loop

The do...while loop is a variant of the while loop. This loop will execute the block of code **ONCE**, and then it will repeat the loop as long as the specified condition is true.

Syntax

```
do
{
  code to be executed
}
while (variable<=endvalue);
```

Example

The example below uses a do...while loop. The do...while loop will always be executed at least once, even if the condition is false, because the statements are executed before the condition is tested:

Example

```
<html>
<body>
<script type="text/javascript">
var i=0;
do
{
  document.write("The number is " + i);
  document.write("<br />");
  i++;
}
while (i<=5);
</script>
</body>
</html>
```

Try it yourself »

[« Previous](#)

[Next Chapter »](#)

W3Schools' Online Certification



The perfect solution for professionals who need to balance work, family, and career building.

More than 6000 certificates already issued!

Get Your Certificate »

The [HTML Certificate](#) documents your knowledge of HTML.

The [CSS Certificate](#) documents your knowledge of advanced CSS.

The [JavaScript Certificate](#) documents your knowledge of JavaScript and HTML DOM.

The [jQuery Certificate](#) documents your knowledge of jQuery.

The [XML Certificate](#) documents your knowledge of XML, XML DOM and XSLT.

The [ASP Certificate](#) documents your knowledge of ASP, SQL, and ADO.

The [PHP Certificate](#) documents your knowledge of PHP and SQL (MySQL).

WEB HOSTING

Best Web Hosting

[PHP MySQL Hosting](#)

Best Hosting Coupons

UK Reseller Hosting

Cloud Hosting

Top Web Hosting

\$7.95/mo SEO Hosting

WEB BUILDING

Download XML Editor

FREE Website BUILDER

Free Website Templates
Free WordPress Themes

XML Editor « try me!

W3SCHOOLS EXAMS

Get Certified in:
HTML, CSS, JavaScript,
XML, PHP, and ASP

W3SCHOOLS BOOKS

New Books:
HTML, CSS
JavaScript, and Ajax

STATISTICS

Browser Statistics
Browser OS
Browser Display

SHARE THIS PAGE

Share with »