

- 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 Throw Statement

« Previous

Next Chapter »

The throw statement allows you to create an exception.

## The Throw Statement

The throw statement allows you to create an exception. If you use this statement together with the try...catch statement, you can control program flow and generate accurate error messages.

### Syntax

```
throw exception
```

The exception can be a string, integer, Boolean or an object.

Note that *throw* is written in lowercase letters. Using uppercase letters will generate a JavaScript error!

### Example

The example below determines the value of a variable called x. If the value of x is higher than 10, lower than 0, or not a number, we are going to throw an error. The error is then caught by the catch argument and the proper error message is displayed:

Example

```
<html>
<body>
<script type="text/javascript">
var x=prompt("Enter a number between 0 and 10:", "");
try
{
  if(x>10)
  {
    throw "Err1";
  }
  else if(x<0)
  {
    throw "Err2";
  }
  else if(isNaN(x))
  {
    throw "Err3";
  }
}
catch(er)
{
  if(er=="Err1")
  {
    alert("Error! The value is too high");
  }
  if(er=="Err2")
  {
    alert("Error! The value is too low");
  }
  if(er=="Err3")
  {
    alert("Error! The value is not a number");
  }
}
</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 »