The **This** keyword

“this” is a keyword that refers to an object. There are several places where “this” can appear.

Depending on where “this” appears and the context of functions and objects in a javascript file, the object “this” refers to can differ.

Example 1 – used inside a function that is defined in global scope to refer to a variable in the function

*function windowSize(){*

*var width = this.innerWidth;*

*return width;*

*}*

*windowSize();*

Example 2 – used inside a function to refer to a global variable

*var width = 700;*

*var shape = {width: 400};*

*var showWidth = function() {*

*document.write(this.width);*

*};*

*showWidth();*

Example 3 – used inside a method to refer to a variable in the object

*var shape = {*

*width: 700;*

*height: 400;*

*getArea: function() {*

*return this.width \* this.height;*

*}*

*};*

*shape.getArea():*

Example 4 – used inside a function to refer to a variable in an object

*var width = 700;*

*var shape = {width: 400};*

*var showWidth = function() {*

*document.write(this.width);*

*};*

*shape.getWidth = showWidth;*

*shape.getWidth();*