

# Client Side Scripting }

*Syntax*

# Syntax

- { Dot Syntax
- { Every line ends with a semi colon
- { Comments
- { Objects, Methods & Properties
- { Parenthesis
- { Curly Braces & Code blocks

# Dot Syntax

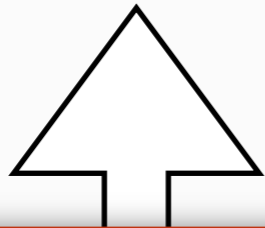


# Dot Syntax

```
document.getElementById( 'content' );
```

# Dot Syntax

```
document..getElementById( 'content' );
```



**The dot represents connection to a command, property or method.**



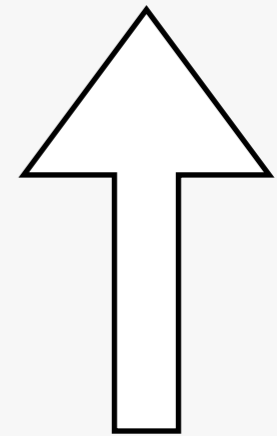
Semi Colon

# Semi Colon

```
document.getElementById( 'content' );
```

# Semi Colon

```
document.getElementById( 'content' );
```



**The semi colon signals the end of a line of code. Similar to a period in english.**

# Comments



# Comments

Comments are un-compiled messages used to document features and note functionality or tasks within the code.

# Comments

```
// single line comment
```

```
/* Multi-line comment for  
the larger more complicated  
functionality with the app */
```



# Objects Methods & Properties

*Client Side Scripting*

# Object

An entity that can be manipulated.

# Object

```
// This is a reference to the  
// current window.  
  
window;
```

# JavaScript Objects

<http://www.w3schools.com/jsref>

List of Built in JavaScript Objects

# Property

Named value serving to characterize an object. For example the radius of a circle.

# Property

```
// This is a reference to the href  
// location of the current window.  
window.location;
```

# Document Properties

[http://www.w3schools.com/jsref/  
dom\\_obj\\_documentation.asp](http://www.w3schools.com/jsref/dom_obj_documentation.asp)

List of document properties

# Method

A command or action. Also known as a function.

# Method

```
// This is a call to a command  
// that opens an alert dialog.  
// Methods typically have ()  
window.alert('hello');
```

# Document Methods

[http://www.w3schools.com/jsref/  
dom\\_obj\\_documentation.asp](http://www.w3schools.com/jsref/dom_obj_documentation.asp)

List of document methods

# Documentation

Understanding and reading documentation is the 2nd most important thing I have done to further my career in web development.

# Parenthesis

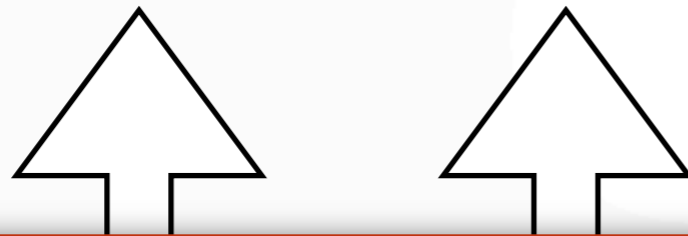


# Parenthesis

```
alert('hello');
```

# Parenthesis

```
alert('hello');
```



**Parenthesis denote a method (aka function).**

**The argument (contents of the parenthesis) is used to qualify the action taking place.**

# Curly Braces & Code Block

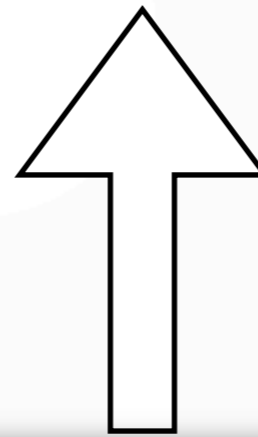
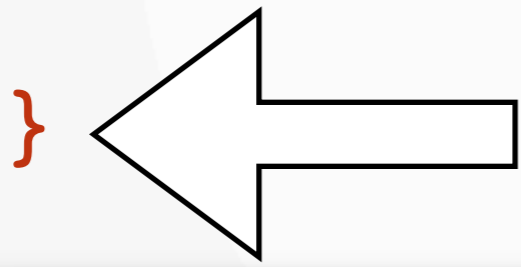


# Curly Braces & Code Blocks

```
function getName() {  
    alert( 'me' )  
}
```

# Curly Braces & Code Blocks

```
function getName() {  
    alert('me')  
}
```



**Curly braces create a code block. Similar to a group. All code in between the curly braces are associated.**

# Curly Braces & Code Blocks

```
function getName() {
```

```
    alert('me')
```

```
}
```

**This is the code block.**

# Curly Braces & Code Blocks

```
function getName() {
```

```
    alert('me')
```

```
}
```

**All commands in between each curly brace will only execute when the method is invoked.**

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