



FEWD LESSON 9

EVENTS:

```
$('#li').on('click', function() {  
    // Code to execute goes here  
});
```

VARIABLES:

Declaring a variable: `var age;`

Assigning a variable: `age = 29;`

Both in one step: `var age = 29;`

CONDITIONALS

```
if (condition) {  
    // do something  
}
```

```
if (condition) {  
    // do something  
} else {  
    // do something else  
}
```

```
if (condition) {  
    // do something  
} else if (condition){  
    // do something else  
} else {  
    // do something else  
}
```

STRINGS:

Escaping strings: `'It\'s a beautiful day'` `"They \"purchased\" it"`

SOME USEFUL STRING METHODS:

`myString.toLowerCase()`

Converts a string to lowercase letters

`myString.toUpperCase()`

Converts a string to uppercase letters

STRING PROPERTIES:

`myString.length`

Returns the length of a string

NUMBERS:

Integers: Whole numbers *Examples:* 3, 4, 5

Floats: Uses a decimal to represent a fraction *Example:* 3.5, 4.75

TYPE CONVERSION

<code>parseFloat(myString)</code>	<i>Convert string to float</i>
<code>parseInt(myString, 10)</code>	<i>Convert string to integer</i>
<code>number.toString()</code>	<i>Convert number to string</i>

ARITHMETIC OPERATORS

<code>+, -, *, /</code>	<i>Addition, Subtraction, Multiplication, Division</i>
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COMPARISON OPERATORS

<code>==</code>	<i>Equal to</i>	<code>></code>	<i>Greater than</i>
<code>===</code>	<i>Strict equal to</i>	<code><</code>	<i>Less than</i>
	<i>Not equal to</i>	<code>>=</code>	<i>Greater than or equal to</i>
<code>!==</code>	<i>Strict not equal to</i>	<code><=</code>	<i>Less than or equal to</i>

LOGICAL OPERATORS

<code>&&</code>	<i>and</i>
<code> </code>	<i>or</i>
<code>!</code>	<i>not</i>

SOME USEFUL METHODS:

<code>alert()</code>	<i>Creates a dialog box with message</i>
<code>console.log()</code>	<i>Write data from a script to the console.</i>
