



FEWD LESSON 11

DECLARING AN ARRAY:

Syntax: `var myDescriptiveArrayName = [value1, value2, value3, value4];`

Example: `var fruits = ["apples", "oranges", "pears", "grapefruit"];`

ACCESSING ITEMS IN ARRAY:

Syntax: `nameOfArray[indexOfItem];`

Example: `var firstFruit = fruits[0];`

INSERT/UPDATE ITEMS IN ARRAY:

Syntax: `nameOfArray[indexOfItem] = newValue;`

Example: `fruits[0] = "bananas";`

GET LENGTH OF ARRAY:

Syntax: `nameOfArray.length`

Example: `var numberOfFruits = fruits.length;`

GET LAST ITEM IN ARRAY:

Syntax: `nameOfArray[nameOfArray.length - 1];`

Example: `var lastFruit = fruits[fruits.length - 1];`

DECLARING A FUNCTION:

```
function nameOfFunction(param1, param2) {  
  var area = param1 * param2;  
  $('h1').html(area);  
}
```

CALLING A FUNCTION:

```
nameOfFunction(350, 140);
```

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  
}
```

COMPARISON OPERATORS

<code>===</code>	<i>Strict equal to</i>
<code>!==</code>	<i>Strict not equal to</i>

<code>></code>	<i>Greater than</i>
<code><</code>	<i>Less than</i>
<code>>=</code>	<i>Greater than or equal to</i>
<code><=</code>	<i>Less than or equal to</i>

TYPE CONVERSION

`parseFloat(myString)`

Convert string to float

`parseInt(myString, 10)`

Convert string to integer

`number.toString()`

Convert number to string

ARITHMETIC OPERATORS

`+, -, *, /` *Addition, Subtraction, Multiplication, Division*

LOGICAL OPERATORS

`&&` *and*

`||` *or*

`!` *not*

JQUERY METHODS:

```
$('#heading').html('Your Name');  
$('.main').find('h1').addClass('warning');
```

EVENTS:

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

FINDING ELEMENTS

`$('#p').find('a');` *find descendents*

`$('#p').children('a');` *find children*

`$('#p').parent('div');` *find parent*

`$('#p').siblings('a');` *find siblings*

GETTING/SETTING CONTENT

`$('#p').html('Hello');`

`$('#img').attr('src', 'images/fun.png');`

`$('.alert').css('color', '#00FF00');`

`$('#p').addClass('success');`

`$('#p').removeClass('error');`

EFFECTS/ANIMATION

`$('#p').show();`

`$('#p').hide();`

`$('#div').fadeIn('slow');`

`$('#h2 a').fadeOut('fast');`

`$('#p').slideUp(350);`

`$('#p').slideDown(600);`

`$('#h1').slideToggle(300);`