

# JS FUNCTIONS

## Lesson 10

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# LEARNING OBJECTIVES

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- Describe arguments as they relate to functions.
- Predict values returned by a given function.

# AGENDA

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- Functions and Arguments
- jQuery Plugins
- Lab - Weather Application

# **FUNCTIONS**

# FUNCTION SYNTAX

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```
function myFunctionName(par1, par2){  
    // Body of function  
}
```

function is a reserved word

myFunctionName is user defined

par1 or arg1 are values to be used in the function

# FUNCTION CALLS

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```
function myFunctionName(par1, par2){  
    // Body of function  
}
```

```
myFunctionName(par1, par2);
```

# FUNCTION CALLS

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```
function myFunctionName(par1){  
    document.write(par1);  
}
```

```
myFunctionName("Hello World");
```



# GENERAL ASSEMBLY

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## EXERCISE: FUNCTIONS

<https://codepen.io> - Code along



# EXERCISE: CASH REGISTER

[github.com/jayonlydigital](https://github.com/jayonlydigital) - Cash Register

# JQUERY PLUGINS

# JQUERY PLUGINS

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- Normally all you need a JS and CSS file
- Minimal coding required to action plugin
- Some are easier to set up than others
- Some are better than others
- They all save us having to write a lot of code ourselves

Plugins are pre-built components ready to use.

# EXERCISE:

# JQUERY PLUGINS

[github.com/jayonlydigital](https://github.com/jayonlydigital) - Cash Register  
[owlcarousel2.github.io/OwlCarousel2](https://owlcarousel2.github.io/OwlCarousel2)

# BUILD A WEATHER APP

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The APP will take celsius temperature input, convert it to Fahrenheit and change the background image according to the weather.

Think about the problem that needs a solution. Use Pseudocode to work out how you want the Weather app to work.

# LAB TIME:

# BUILD A WEATHER APP

Begin coding the App

# Q&A



**GENERAL ASSEMBLY**

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# FEEDBACK

Lesson 10 - FUNCTIONS

<http://ga.co/fewd23syd>