Javascript Lab

Agenda

- Quick Review of Named Functions vs Anonymous Functions

- Lab: Weather Application

Named Functions vs Anonymous Functions

Named Functions

Named functions have names

```javascript
function changeBackground(color){
  $('body').css('background-color', color)
}
```

Anonymous Functions

Anonymous functions do not have names

```
// Anonymous functions are often used as handlers (functions that are called when an event occurs)

$('#button').click(function(color){
  $('body').css('background-color', color)
})
```

Lab: Weather Appliction

- You will build a Weather Application takes a Celsius temperature input and converts it to Fahrenheit and changes the background image according to the weather.

Lab: Weather Appliction - Part 1 (planning)

Part 1

- As a class, write feature requirements / user stories necessary to create a fully functional application that does the following:
 - Takes Celsius temperature and converts it to Fahrenheit
 - Changes the background image to match new temperature
- In groups of four write pseudo code for the application

Lab: Weather Application - Part 2 (Converting Celsius to Fahrenheit)

- In pairs (or groups) **write the code** to convert Celsius into Fahrenheit and **display the result in the browser**

- Create an application that accepts a value for Celsius from the user and displays the Fahrenheit equivalent

Lab: Weather Application - Part 3 (Change background image based on temperature)

- Complete the application by adding logic that changes the background image to reflect the converted temperature

- Example: If the converted temperature is 10 F (degrees) the background image should represent something cold

- Make the application your own - choose your own background images