

CODE REFACTORING

Kim Goulbourne

AGENDA

- Review
- Debugging your code
- Code Refactoring
- Lab

CODE REFACTORING

REVIEW

**OPEN THE REVIEW PRACTICE
FOLDER IN CODE**

BREAK

10 MINS

BREAK!

JQUERY

DEBUGGING YOUR CODE

LET'S PRACTICE.

JQUERY

CODE REFACTORING

WHAT IS CODE REFACTORING?

Code refactoring is the process of restructuring and improving existing code without changing its the resulting behavior.

http://en.wikipedia.org/wiki/Code_refactoring

A FEW REFACTORING EXAMPLES IN CSS

- Reusing styles by using one class
- Using descriptive class/id names
- Removing unnecessary CSS
- Reduce use of inline styles
- Organizing css based of relationship or structure of the html (eg. base styles such as headings and paragraphs across the page or section such as header, carousel, post, footer styles should be grouped together)

A FEW REFACTORING EXAMPLES IN JS

- Using variables to save and use data in your code
- Using functions for reusable pieces of code or for organizing complex pieces of code
- Using comments to describe parts of your code
- Chaining jQuery methods
- Targeting groups of elements via their tag and using 'this' vs each having their own block of code

REFACTORING THE COLOR SWITCHER EXERCISE

Let's re-look at the color switcher exercise and see how we can improve our code.

CODE REFACTORING

LAB TIME

CITIPIX WITH A DROPDOWN

INSTRUCTIONS:

- Create an array with the following values: "NYC", "SF", "LA", "ATX", "SYD"; use the array to add values to the <select> menu by using a for loop in JavaScript (don't update the HTML to do this!)
- When the user changes the input of the drop-down, update the background image based on what they selected
- Write pseudocode before coding

CODE REFACTORING

HOMEWORK

FINISH REFACTORING CITIPIX