Week 6 codify academy

**Week 6**

**In Class Quiz**

1. Where do you write your jQuery/JavaScript code?
2. How do you link your personal JavaScript file to your HTML?
3. How would you explain what $(document).ready() means using plain English?

**Group Discussion Questions**

1. What is jQuery?
2. Where should you include jQuery in your index.html?
3. Should you always comment your jQuery?
4. What is the standard syntax for jQuery?
5. What are the 4 different selector types?
6. What are 3 jQuery events?
7. What does animate() do?
8. What does append() do?
9. What does toggleClass() do?
10. What is a jQuery plugin?

**Exercises**

***Important: Make sure to add comments to your code to help your future self.***

1. Create a copy of your template folder and rename it to week6exercise.
2. Drag this new folder into your 'week6' folder inside your 'codify' folder.
3. In HTML: Add an image and two buttons. (reference #4 for the content for your buttons)
4. In jQuery: Make the image element appear and disappear when you click the corresponding button.
5. In HTML: Create a div element and give it a class. Add a h1 element inside the div.
6. In jQuery: Make the appearance of the h1 switch between two styles when it is Double Clicked (ie: when double clicked, change background color from red to blue).
7. In HTML: Create a ul element with 2 li elements inside and a button to add elements.
8. In jQuery: Add li elements with content to the end of the list when the button is clicked.
9. In HTML: Create a div element
10. In jQuery: Change the appearance of a div when you (the user) hover over it.
11. In HTML: Add some text to a h2 tag.
12. In jQuery: Make the h2 element slide up when your mouse leaves the element.
13. In HTML: Create a button and a div below it.
14. In jQuery: Have this div fade away when you hover over it, and make it come back when you click a button.
15. Make the font of some text change when you hover over it.

***Once you have completed these exercises add them to Github.***

[Download Completed Week 6 Exercises](http://codifyacademy.com/wk6/week6exercises.zip)

**Project**

***Important: Make sure to add comments to your code to help your future self.***

This week we will be building a website for a business. Before starting this project, you will need to decide on what type of business this will be for. This is a great time to build a website for a family member or friend. If they decide to use it, that's another reference you'll have added to your resume as a professional developer! If there isn't anyone you want to build a website for, then build one for a business you want to have. Just make sure that whatever you decide to build, you're passionate about it.

**Steps For Making a Business Website**

1. Decide on a business you want to build a website for.
2. List out all the functionality you want to include in the business website. E.X. About me, contact us, services, testimonials, social media, etc.
3. Paper prototype out how the website will look.
4. Google "free bootstrap template", and choose one that looks similar to your paper prototype.
5. Download the template & uncompress(unzip) the folder then start manipulating the template to look like your paper prototype!
6. Make sure to grab content from somewhere, don't spend much time finding/creating content for the website, we just need to make sure it looks good!