Web Design DeCal – Homework 2

Required Tool: Text Editor and Chrome Web Inspector

1. Divs all the way (and some spans)

Technically, all HTML tags can be represented just using one tag: <div>.
To understand this, you must first know an important concept in HTML: inline and block elements. Simply put, inline elements stack horizontally and block elements stack vertically. An example of inline element is <span>. There are a lot of block elements, such as <p>, <img>, and <div>.

A powerful concept behind inline and block elements is that almost all HTML tags are essentially the same, and can be styled the way you want just by using CSS. For example, <p> tag is the same as <div> tag just with a few additional CSS properties. This is because <div> tag is a pure HTML block element that stacks vertically without any CSS property attached to it.

In this exercise, you will learn how to represent an ordinary HTML tag that you learned in Lecture 1 using just divs and spans.

Assignment 1:

When you open up divsandspans.html, you should see an HTML page composed solely of divs and spans. Your job is to make divsandspans.html look *exactly* like goodoltags.html by making changes to style.css

We have provided you with pre-made ids and classes so only changes you need to make are in the style.css. Add CSS attributes to each ids and classes to change the way your HTML document looks.

You are not allowed to use –webkit-margin-before, -webkit-margin-after, -webkit-margin-start, and –webkit-margin-end attributes.

Helpful Tip: Using Web Inspector on elements in goodoltags.html might show you what CSS attributes are used in regular HTML tags (Right click -> Inspect Element)

2. Room for breathing

In many badly designed websites, what usually makes you cringe is the lack of spacing and off-placed elements. (You often hear designers say, just 1px to the left...)

In this exercise, you will practice how to use CSS Box Model to give your content a lot more room for breathing, giving emphasis to key elements.

Assignment 2:

When you open up loremipsum.html in browser, you will find that it looks pretty terrible due to lack of spacing. You will use the CSS box-model to fix the issue. Your job is to change the look of *loremipsum_choked.html* to what you see in *loremipsum_breathe.png* by making changes to style.css

We have provided you with pre-made ids and classes so only changes you need to make are in the style.css. Add CSS attributes to each ids and classes to change the way your HTML document looks.

Here are the requirements:
- Add paddings and margins on elements accordingly
- Horizontally center the icon
- Horizontally center the paragraph
- Horizontally center the like button
- Make the like button actually look like a button using padding
- Add border between the title and the paragraph

You are NOT required to make loremipsum_choked to look EXACTLY like loremipsum_breathe. The demo picture is to give you a sense of the effect of spacing on an HTML document.

Helpful Tip:
- You will need to make changes to divs with id: #badge, #badge_icon, #badge_title, #badge_description, #badge_action
- To horizontally center an element, use the following CSS property:
  - margin-left: auto;
  - margin-right: auto;
- Following CSS attributes will be helpful:
  - margin: *top right bottom left*
    - You can alternatively use margin-left, margin-right, margin-top, or margin-bottom to set the pixels individually.
    - Ex. margin: 5px 10px 5px 10px
  - padding: *top right bottom left*
    - You can alternatively use margin-left, margin-right, margin-top, or margin-bottom to set the pixels individually.
    - Ex. padding: 5px 10px 5px 10px
  - border: *thickness type color*
    - Ex. border: 5px dotted white
  - text-align: *(left, center, or right)*
    - Ex. text-align: left

Tired of following the demos? You will get to unleash your creativity in Assignment 3 when we go back to tweaking your personal websites!

Submission

To submit, send the following files to submission@thewebdesignworkshop.co
1. A zipped copy of assignment1 and assignment2 folder

This assignment is due by Thursday, February 20th at 6PM.