**Lesson 5 - CSS: Height, Width, Box-Sizing, Positioning**

**Homework**

**Questions**

1. True/False - **Heighth** and **Width** are both words in the English language.
2. What is the difference between content-box sizing and border-box sizing?
3. Why would you want to use border-box over content-box sizing?
4. If something is not positioned, it has the the position property set to what value?
5. When does it make sense to use relative positioning?
6. Please explain fixed positioning.
7. How is absolute positioning different from fixed positioning?
8. Height/Width are set to \_\_\_\_\_\_ by default for all HTML elements.
9. Why is max-width useful?
10. Which one is more powerful? Width or max-width? Why?

**Project**

In **Homework005.pdf** you are going to create a basic layout for a website. The layout may seem intense at first, but it is broken down into accomplishable steps.

* Step 1 you will want to use fixed positioning for most of it.
* Step 2 will involve using padding and examining the box model.
* Step 3 should be very easy as it is just a copy-paste from another project and creating a list
* Step 4 should be somewhat challenging as it involves styling a list with icons and text

In this homework we will be referencing an external CSS library called Font-Awesome. I have purposefully left the integration of these icons somewhat vague so that you can get some experience integrating with a css library. This website has plenty of resources to get you started.

Speaking of… i suggest you read the materials on their homepage

<http://fontawesome.io/>

On the get-started page

<http://fontawesome.io/get-started/>

And on the examples page

<http://fontawesome.io/examples/>

When you’re ready, and you are integrating with the font-awesome library, here is the full set of icons. The search tool on this page is quite nice.

<http://fontawesome.io/icons/>