

A6 – Adding images and Positioning Content

As part of this assignment, we'll be adding a few of the final touches to our website. Specifically, images, and some more styling rules to break up the current vertical flow of sections.

Column Layouts

One of the most common ways of formatting information on a page is to group content into some sort of vertical column structure, often dividing a containing element in half, or into thirds.

- Create a class to support a two-column layout, called col-1-2, and give it the following properties:
 - o float: left;
 - o padding-left: 10px;
 - o padding-right: 10px;
 - o width: 50%;
- Create col-2-3 (representing 2/3rds of the width of a container), and col-1-2 (representing 1/3rd of the width of a container). These should be similar to the class above.

Clearfixing

When creating column layouts, we have the option of either floating divs, or declaring them as in-line blocks. Most frequently, this is solved using the float: left property as the inline property can make it difficult to accurately calculate width.

Unfortunately, this has a side-effect of causing the parent container to “collapse”, as it has no children elements with heights that contribute to the parent.

To solve this, we utilize the clear property for CSS

More detail at this website: <http://www.sitepoint.com/clearing-floats-overview-different-clearfix-methods/>

To fix the quirks we must utilize the Create a class called clearfix with the pseudo element :after

The properties for the class will be:

```
.clearfix:after{
  content: "";
  display: table;
  clear: both;
}
```

Cleaning some things up

1. In the head, set the title attribute to "Coding Temple"
2. If you haven't done so already, move your CSS styling rules from the HTML document into a separate CSS file, and use the LINK element to reference this file.

Updating the Header

1. In the header, replace the Coding Temple h1 tag with the logo.png image.
2. Surround this image with a div and apply the class col-1-3
3. Apply the col-2-3 class to the nav element inside the header element

Note: Because you've floated all of the content in the header menu, it now doesn't have anything giving it a vertical height. Use a clearfix div!

Update the Footer

We're going to split the footer into three equal sections using the 1/3rd column rule.

1. In the first column, include an image of the small coding temple logo, and below it, a paragraph of the following copy:

The skills and experience that students achieve at Coding Temple takes them a long way. We offer small classes, so students are able to have a more one on one interaction with our teachers. Our curriculum is designed to make students feel confident and be successful in the workforce once they have completed our course.

2. In the second column, include an h3 tag labeled "Quick Links" with the navigation elements. Instead of showing a list of links, vertically, they should wrap horizontally within the column and be separated by a bullet (•).
 - a. You might want to use a different CSS rule than the header navigation to get this effect.
3. In the third column, include the Coding Temple address

Updating Articles

We'll be using our 1/2 column rules to make this section a little less boring.

1. In each of the three article elements, add an image from the image library. You should be able to infer which image matches which section from the image name.
2. Wrap the image with a div, giving that div the class for your 1/2 column rule

- 3.** Wrap the subheading and paragraph with another div using the 1/2 column rule
- 4.** On the first and third article, the heading and copy should be on the right, and the image on the left. Whereas on the second column, the image should be on the right and the copy should be on the left.