# UNIT 6: NAVIGATION & PAGE LAYOUT
## Review Guide

## KEY DEFINITIONS

**Navigation Bar:** Can appear as a vertical, horizontal, or alternatively styled block on your page that guides the user to other pages or parts of your site. In essence, a navigation bar is a specially styled list of links. Therefore, to build a navigation bar, you will be using ordered or unordered lists, <a> tags, and CSS to add style to the bar.

**Pseudoclass:** Used to add "special effects" to your elements. For example, you can add pseudoclass selectors to links if you would like them to change colors when you they are selected.

**<nav>:** The tag used in order to define a set of navigation links.

**Clearfix:** "A clearfix is a way for an element to *automatically clear after itself*, so that you don't need to add additional markup. It's generally used in *float layouts* where elements are floated to be stacked horizontally." (StackOverflow.com)

## CSS RESET

There is no true standard for how un-styled HTML elements get rendered in various browsers. In other words, each browser assigns its own padding, margin, line-height, font-size, etc. to every element.

To combat this, we *reset* the CSS, essentially wiping out all of the default styles and starting with a clean slate.

We've provided an example of a reset.css file that you can link to from within your main HTML document.

## FLOATS AND CLEARS

By default block elements in out HTML piles (or stacks) on top of each other.

*Floating* lets us change this behavior of the elements on the page. The css property is called "float" and common values are "left", "right", and "none" (none is default). Note: Elements are floated horizontally, not vertically.

*Example:*
```
.gallery {
    float: left
    }
```

*Clearing* is used when we want to "turn off" floating- essentially preventing elements from flowing around the floating element.

*Example:*
```
.gallerycaptions {
    clear: both
    }
```

## COLUMN LAYOUT

Column layout refers to the design of pages with multiple different block sections at the same vertical height in the page. Columns are created by wrapping a block of content with a <div> tag, and modifying the padding, margin, and border dimensions to create evenly (or unevenly) spaced columns.

## QUESTIONS TO REVIEW WITH YOUR MENTOR

1. What are some strategies for sketching out my page elements that will make it easy for me to position them on my page, using float and clear?

2. When is it best practice to add an additional column to my page layout? Are there standard practices around column layouts?

3. How does the inclusion of special effects (i.e. hover state) affect the overall UX (user experience) of my site?

4. When is the appropriate time in the web design process to introduce floats and clears to my code?

5. What are some good places to go for feedback or inspiration on page layout?