**Terms Review**

* HTML
  + HyperText Markup Language
  + Basic structure of a web page
  + Composed of tags
* tag
  + Basic building block of HTML
  + Each tag has a name
  + Some tags have specific functions or display
    - <a> tag is a link to another page or bookmark
  + Semantic tags have a human-defined purpose
    - <nav> tag holds site navigation, typically <a> tags
  + Generic tags are often like semantic tags, but no specific purpose
* <nav>
  + tag for site navigation links
* <a>
  + tag for links
* attribute
  + A tag component that specifies something meaningful for that tag
    - The value of an attribute depends on the attribute, but is typically something the coder defines
    - <a> tag has href attribute to specify where the link goes when clicked
* id
  + Global attribute for a tag
  + Must be unique
  + A marker for CSS selectors
* class
  + Global attribute for a tag
  + Specifies a classification for related tags
  + A marker for CSS selectors
* CSS
  + Cascading Style Sheets
  + Provides the skin to the HTML skeleton
  + Provides specific layout, colors, fonts, etc
* property
  + CSS directive for styling HTML content
  + property values depend on the property

### Terms Review

* The 4 parts of the CSS box model are:
  + Content
  + Padding
    - Padding is used to create space around an element's content, inside of any defined borders.
  + Border
    - The CSS border properties allow you to specify the style, width, and color of an element's border.
  + Margin
    - Margins are used to create space around elements, outside of any defined borders.
* Basic CSS Units:
  + px pixels
  + vw % of screen width
  + vh % of screen height
  + %
    - For non-positioned content width, % of parent. No effect for height.
    - For positioned content, % of container space.
    - For some elements like img or properties like font-size, this is a scaling size
  + ch average character width
  + rem font size ratio relative to HTML font size
  + em font size ratio relative to inherited font size
* New CSS properties
  + font-family: serif, sans-serif, cursive, fantasy, monospace
  + font-size
  + font-weight
  + font-style
  + font-variant
  + text-decoration
  + text-transform
  + width
  + height
  + box-sizing: border-box means that padding and border come from the content size and are not additive
  + position
    - static - the default
    - relative - move the element relative to wherever it would normally be
    - absolute - you determine where to put it
    - fixed - same as absolute, but doesn't scroll with the page
  + top - used with position to give location from top of container
  + bottom - used with position to give location from bottom of container
  + left - used with position to give location from left side of container
  + right - used with position to give location from right side of container
  + background-image: url('path-to-image')
  + background-repeat
  + background-size: cover - fills entire space with the image, scaling as needed
  + background-position: H V - where should background image be aligned left | center | right then top | center | bottom
  + background-attachment: fixed - do not scroll the background image with the page
* New block HTML tags
  + div
  + section
  + article
  + header
  + footer
  + main
  + p