Review (the last session was the intro to the course)

Static vs. dynamic web pages – we will make dynamic web pages  
Server-side vs. client-side code – we will write client side (browser) code

Web Page Markup Review

* Go to the Thimble page, <https://thimble.mozilla.org/en-US>. Look at Three Things I Heart as an example.
* HTML overview
  + Structure and content of a web page go in the HTML. You can do some formatting here too, but mainly the formatting should be done in CSS.
  + The home page is usually named *index.html*. The browser recognizes this special name
  + HTML pages are made up of *elements*. An element has an opening and closing *tag* that surround the content of the element.
  + Tags are enclosed in *angle brackets*. The closing tag has a slash at the beginning.
  + Link tags in the head section “pull in” CSS or JavaScript files that are used by this page.
  + Anchor tags, <a>, in the body of the page take you to other pages. Each web page is in a file with a html (or htm) extension.
  + Tags can have *attributes.* The <link> and <a> tags are examples
  + Discuss the rest of the tags and change them.
    - New game: <http://www.springfrog.com/games/reversi/reversi.htm>
    - Music: <http://www.philwickham.com/>, <https://youtu.be/_ZEltZXQpuM>
    - Places: <http://www.lonelyplanet.com/india/kerala>
* CSS Overview
  + *Selectors* are used to determine where the styling will be applied. Many selectors are HTML element names.
  + Selectors contain *properties* surrounded by braces (aka. curly braces).
  + Properties specify some kind of formatting
  + Special selectors:
    - *Class* selectors can be applied to any HTML element. They start with a dot.
    - *Id* selectors are similar to class selectors, but id is also an HTML attribute that can be used for other purposes. Because of this, a particular id should only be used once on a page. They start with a hash.
  + Look at the selectors in style.css
    - See where they are applied. Try changing them.

Project

* First look at the lab assignment.
* Look at project 1 and discuss it.

Next Session

Start writing JavaScript code.