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* “a” stands for “anchor” 🡪 makes a link

**LANGUAGES**

* **HTML5: meaning**
  + Semanticism: every piece of information
  + Make things clear, self-descriptive, make sense to third party who might be parcing your code
* **CSS3: appearance**
  + Animation, view, the way that something looks on your page
  + Where on the page something is
* **Javascript (ES5/6): Function**
  + Users: Events, web workers, XHTTPRequest and other APIs (webpage requests)
  + Make a button do something: send an email, open a link
  + Give functional meaning to some image or button

**HTML5 Semantic Markup**

<header>

<nav>

<article>

<aside>

<section>

<footer>

<html>

<body>

<h1>Hello World!</h1>

<p>Look at me! I made a website! I love exclamation points!</p>

<a href="http://google.com">Here is google!</a>

</body>

</html> **<!-- WRITE ANY NOTES HERE -->**

* Open tags with 2 square brackets
  + Close tag with / and 2 square brackets
* h1 🡪 typically refers to the main header on your page
  + h2 🡪 sub-header… and so on…
* Leaving comments in your code
  + Inside square brackets, exclamation point and two dashes
  + **<!-- WRITE ANY NOTES HERE -->**
  + This won’t actually code anything… notes for you to remember something

Tag Structure

start tag end tag

<div **id=”footer”**></div>

**Attribute**

* divs are most common tags

Mozilla HTML tag reference

<https://developer.mozilla.org/en-US/docs/Web/HTML/Element>

* <nav>
  + section of a page with navigation links, links to other pages or parts within the page

Help?

[www.CanIUse.com](http://www.CanIUse.com)

What tag would you use for:

* holding a news story?

**<article>**

* holding a list of links to part of your site?

**<nav>**

* holding the main header for your page?

**<h1>**

Rather than:

<head> describes meta-deta (meta deta = data about your page)

<header>

<title> used in the head tag

* holding a subheader?

**<h2>**

**<aside>**

* holding a list of questions like this one?
  + **<ul> and <ol>** unordered list and ordered list
  + Within <ul> or <ol>, you input list items <li>

Always start with **<!doctype html>**

ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQCZRyr47nz1uLI3sdKqCpxcpMYJvSbgC5MghEJT9SQnMT5Twg9JD63hMe5JEEIcp73VLvDldCm85LuVUJovcIIfycLu/aLi4O3V6GQMzcwseOW4uWpw3EONYMi0EPqA2B1MFuOtKebafoRyCxgCWY+dEr8ZIJKFqNxnJqd++llitxPl1/dMUaHLnskTmxvZaGzUC2I8jbbsSN85p1Yj9ZxYBcfXxqi5uREIO2Guw+dtrX+NxkkK5k6BSSxIFY2SiO/nIqCXjCcciDFb22bcO1/YwTHU9lVegUxJACNvZhCgB+rpJs4jssdqVl84q6F7jSZZTq9B3OiH4R2/eUn/C84X mikaelafalk@Mikaelas-MacBook-Pro.local