Activity Sheet: Coding – HTML Basics

**ACTIVITY #1 – Match Terminology & Descriptions**

*Match the following terms to their definitions.*

HTML are designators that define the structure and content within a page

Text Editor a set of less-than and greater-than symbols that surround an element

Web Browser provide additional information about an element which include a name and a value

Codepen an element that begins a new line, stacking one on top of the other

Elements an element that falls within the normal flow of a document

Tags (HyperText Markup Language) gives content structure and meaning

Attributes a type of program used for editing plain text files

Block-level Element an application for locating, retrieving and displaying content

Inline Element is an in-browser code editor for writing HTML and CSS with a real-time preview

**ACTIVITY #2 – Setting up a Codepen account** *(An email address is required.)*

*Begin by entering* ***Codepen.io*** *in your web browser then follow these steps to set up your account:*

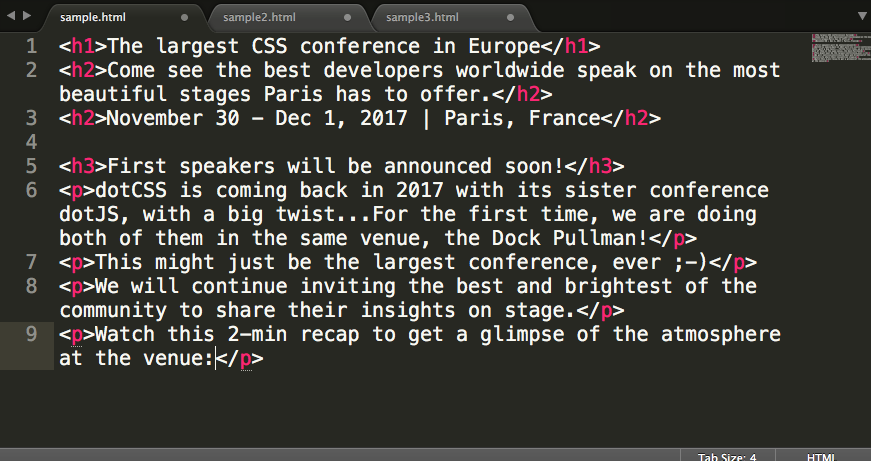
1. Click on the green **Sign me up** button
2. Scroll down to the *Free Plan* option and click on the **Sign Up** button
3. Fill out the form and click on the box next to “I’m not a robot”

Note: Check your email inbox for a verification message from Codepen and complete the setup of your account within the next 24 hours. You will be logging into your account for the next two class sessions.

**ACTIVITY #3 – Creating an HTML document in Codepen**

*Follow these steps to create an HTML document.*

1. Click on the **pencil** icon near the upper left corner
2. Enter the title *Project\_dotCSS*
3. Enter the following text into the HTML box

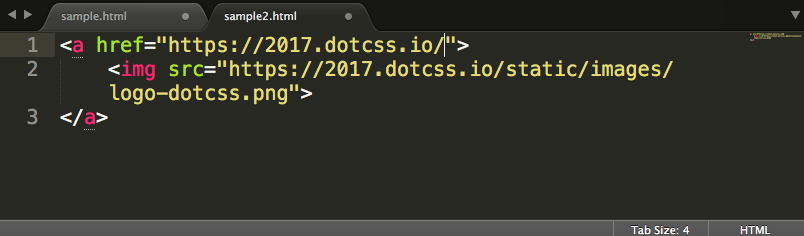


1. Click onthe **Save** button at the top

**ACTIVITY #4 – How to add an element with an attribute.**

*Follow these steps to add an anchor element:*

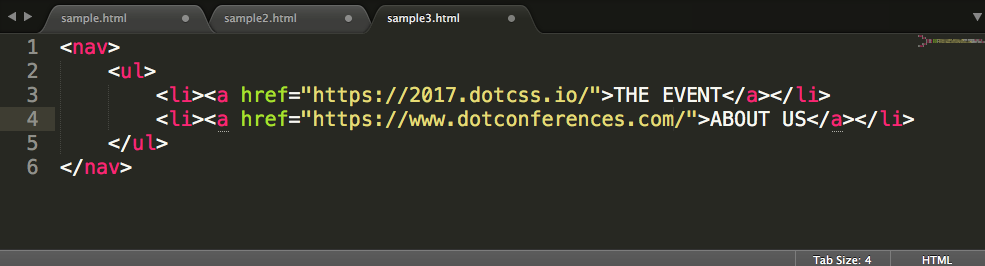
1. Enter the following text to the top of the HTML document



1. Click on the **Save** button at the top

**ACTIVITY #5 – How to add block-level nav element**

*Follow these steps to add a navigational element:*

1. Enter the following text just below the anchor element in the HTML document
2. Click on the **Save** button at the top

**Bonus –** *Follow these steps to add an inline element*:

1. Locate “dotCSS” at the beginning of the first paragraph
2. Enter the tag **<strong>** between <p> and dotCSS
3. Enter the tag **</strong>** after dotCSS
4. Click the **Save** button and view the change in the preview window